



SRI GURU GOBIND SINGH COLLEGE

Co-educational, affiliated to Panjab University, Chandigarh

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Ref. No. 2805

Dated 13/06/2022

1.3.3 Percentage of students undertaking project work/field work/internship (Data for the latest completed academic year) (10)

S. No	Program Name	Course Code	S. No	Roll No.	Name of the Student	Certificate No	Title	Place of Work
1	Master of Commerce - Semester-II	MC-207-Summer Training Report and Viva Voce	1	20001	Kajal Dhiman	SGGS/COMM/2020-21/001	Factors affecting Smartphone Purchase	SGGS College
			2	20002	Aabha Nandini	SGGS/COMM/2020-21/002	Sugarcane Production in Shamli UP and	SGGS College
			3	20003	Aarohi Nee Fulan	SGGS/COMM/2020-21/003	Impact of Social Media on Consumer Behaviour: A Study of Residents of Chandigarh	SGGS College
			4	20005	Abhishek Gauri	SGGS/COMM/2020-21/004	Impact of COVID on online shoppingBusiness and Employment	SGGS College
			5	20006	Abhishek Tyagi	SGGS/COMM/2020-21/005	Customer Satisfaction towards Reliance Jio	SGGS College
			6	20007	Akash	SGGS/COMM/2020-21/006	A Relationship Study of Canteen Service Quality and College Students satisfaction Level	SGGS College
			7	20008	Aman Gupta	SGGS/COMM/2020-21/007	Outsourcing is the Future	SGGS College
			8	20009	Amandeep Kaur	SGGS/COMM/2020-21/008	Quality of work life of employees of employees working in Canara Bank in Panchkula district	SGGS College
			9	20013	Deepti Kukreti	SGGS/COMM/2020-21/009	Health Insurance: Identifying Awareness Preferences, and Buying Pattern	SGGS College
			10	20015	Gaganjot	SGGS/COMM/2020-21/010	HRM in Banking sector- SBI Bank	SGGS College
			11	20020	Jatin Bansal	SGGS/COMM/2020-21/011	Consumer Buying Behaviour towards Online Retail Marketers Flipkart and Amazon	SGGS College
			12	20021	Kavita	SGGS/COMM/2020-21/012	The Level of Customer Satisfaction of Flipkart.com and its Market Potential Analysis	SGGS College
			13	20025	Keshab	SGGS/COMM/2020-21/013	HDFC Bank and Customer Satisfaction Level towards their Bank Services	SGGS College
			14	20026	Kimran Khehra	SGGS/COMM/2020-21/014	Consumer Behaviour with special reference to Haldiram Pvt Ltd	SGGS College
			15	20027	Manisha Sharma	SGGS/COMM/2020-21/015	An Empirical study on Brand awareness and Customer satisfaction of Consumer for Verka Products	SGGS College
			16	20029	Mehak	SGGS/COMM/2020-21/016	A Study of Customer Behaviour with reference to Big Bazar	SGGS College
			17	20030	Mohd Zaid	SGGS/COMM/2020-21/017	A study on Customer Satisfaction for Fasttrack Watches	SGGS College
			18	20036	Payal Verma	SGGS/COMM/2020-21/018	A Study on Consumer Perception and Buying Behaviour regarding Cosmetics	SGGS College
			19	20037	Rao Shavej Rana	SGGS/COMM/2020-21/019	A study of the Customer satisfaction of ICICI Bank Customers	SGGS College
			20	20038	Rashmeen Kaur	SGGS/COMM/2020-21/020	Impact of Brands on Local Market in context to Apparel Industry	SGGS College
			21	20040	Sakshi Vats	SGGS/COMM/2020-21/021	COVID 19 and Mental stress	SGGS College
			22	20041	Sediqa	SGGS/COMM/2020-21/022	Effectiveness of Television Advertisement on Consumer Purchase Decision	SGGS College
			23	20042	Shivam Goyal	SGGS/COMM/2020-21/023	Impact of E-cars on Gasoline cars	SGGS College
			24	20043	Shivani Sharma	SGGS/COMM/2020-21/024	A study on Customer Satisfaction Level of Reliance JIO	SGGS College
			25	20044	Shubham Singla	SGGS/COMM/2020-21/025	A Study on Customer Behaviour on Vaseline and Nivea Product	SGGS College
			26	20045	Simran	SGGS/COMM/2020-21/026	Trends in the Microfinance Industry in India	SGGS College
			27	20046	Simran Saini	SGGS/COMM/2020-21/027	Impact of COVID on Business and Employment	SGGS College
			28	20047	Simran Saini	SGGS/COMM/2020-21/028	COVID 19 and Mental Health	SGGS College
			29	20048	Sourabh Thakur	SGGS/COMM/2020-21/029	Returning to Work after COVID 19	SGGS College

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			30	20049	Sukhmani	SGGS/COMM/2020-21/030	Study on Data Driven Method of Improving Decisions that Impact HR Functions	SGGS College
			31	20051	Vanshita Sharma	SGGS/COMM/2020-21/031	Customer Satisfaction of Toyota	SGGS College
2	Master of Science in Information and Technology- Semester IV	MS- 21-Major Project	32	21801	Komal Mehra	TNT/C-21/4993	Digital Marketing	ThnikNEXT Technologies
			33	21802	Sambhav Jain	-	Techsambhav-Digital Marketing Agency	SEO Discovery
			34	21803	Komal Preet	CGF/170/2021	Book Store	OOPs InfoSolutions
			35	21804	Prateek Neoliya	-	Softbeats	Live Delftsoft Informatics
			36	21805	Sharanjeet Kaur	TNT/C-21/4900	Millenium Cars	ThinkNEXT Technologies
			37	21806	Yash Madaan	BTES/TRG/2021/0236	Covid-19 Tracker	Bebo Technical Education Services
			38	21807	Shubham Sharma	NICT15/INDTRNG2021/SGG SC/36459	Registering And License Authority	NICT
			39	21808	Divya Verma	-	Digital Marketing (Social Media Marketing)	ITMasterTech
			40	21809	Sakshi Devi	-	Social Media Marketing	ITMasterTech
			41	21810	Harshvardhan	CGF/171/2021	NGO	OOPs InfoSolutions
			42	21811	Sanjana	-	Online Job Portal	Technians Softech
			43	21812	Harmanjeet Kaur	CS/P/MAR21/6M/405	E-Catalog	CS Soft Solutions
			44	21813	Jyoti Bala	CS/P/6M/FEB21/3093	Carehub	CS Soft Solutions
			45	21814	Shivani Manhas	TNT/C-21/5023	Himalaya Voyager	ThinkNEXT Technologies
			46	21815	Kajal Saini	CS/6M/JAN21/3080	Carehub	CS Soft Solutions
			47	21816	Harish Tiwari	CI/HR/03-10/02	Walkers Watches	Code Insects IT
			48	21817	Ankit Pant	-	Employee Leave Management System	Cybrain Software Solutions
			49	21818	Gurraj Singh	-	Online Big Store	Teclive Solutions
			50	21819	Kartik Kalra	MST/HR/144/21	Developer Tool	Mysense Technologies
			51	21820	Raghav Moudgil	-	PG Accommodation	Abaca Systems Private Limited
			52	21821	Sonali Dhiman	INFOWIZ/6M2021/8963	Online Crime File System	Infowiz Software Solutions
			53	21822	Rishwant Kaur	-	Digital Marketing (SEO)	Visual Media Academy
3	Master of Science in Biotechnology - IV Semester	MBIO-405 -Research Project	54	62331	Isha Verma	SGGS/BT/2020-21/001	Study of EGFR gene in lung cancer	SGGS College
			55	62321	Aanchal Chaudhary	SGGS/BT/2020-21/002	ROLE OF MIRNA DEREGLATION AND VARIOUS RISK FACTORS IN CAUSING HEAD AND NECK CANCER	SGGS College
			56	62346	Shamina	SGGS/BT/2020-21/003	Therapeutic uses of Urtica dioica (stinging nettle)	SGGS College
			57	62338	Nidhi	SGGS/BT/2020-21/004	Role of gut microbiome in health and disease	SGGS College
			58	62333	Jasleen Kaur	SGGS/BT/2020-21/005	Screening and characterization of oil-paint degrading bacteria isolated from paint contaminated water samples	SGGS College
			59	62342	Roopam Bishnoi	SGGS/BT/2020-21/006	Cancer Incidence and Mortality in India	SGGS College
			60	62326	Bishakha Thakur	SGGS/BT/2020-21/007	Evaluation of antibacterial activity of cordia dicholoma plant extract against antibiotic resistance bacteria isolated from kitchen sinks	SGGS College
			61	62343	Rupali puri	SGGS/BT/2020-21/008	Isolation of yeast from different food sources for the production of ethanol and role of bacillus subtilis bacteria in ethanol	SGGS College
			62	62347	Shifali Bhardwaj	SGGS/BT/2020-21/009	Production of lipase using Extremophilic bacteria and jatropha oil as carbon source	SGGS College
			63	62327	Damanpreet kaur	SGGS/BT/2020-21/010	Molecular docking studies for the identification of a novel inhibitor for ABCG8 gene	SGGS College
			64	62330	Hardeep kaur	SGGS/BT/2020-21/011	In silico designing of a potent ligand molecule against HBB protein implicated in sickle cell anemia	SGGS College
			65	62325	Babita Rani	SGGS/BT/2020-21/012	To study genetic diversity in bacteria by using different molecular markers	SGGS College
			66	62326	Bishakha Thakur	SGGS/BT/2020-21/013	Evaluation of antibacterial activity of cordia dicholoma plant extract against antibiotic resistance bacteria isolated from kitchen sinks	SGGS College
			67	62324	Ayesha Parveen	SGGS/BT/2020-21/014	BACTERIAL ISOLATES FROM WOUNDS AND THEIR ANTIBIOTIC SUSCEPTIBILITY AND RESISTANCE PATTERN: SOME REMARKS ABOUT INFECTED WOUNDS.	SGGS College
			68	62348	Shivani Rana	SGGS/BT/2020-21/015	Evaluation of antibacterial activity of Cassia fistula plant extracts against antibiotic resistant bacteria isolated from cosmetics	SGGS College
			69	62340	Payal	SGGS/BT/2020-21/016	Isolation of antibiotic producing bacteria from soil	SGGS College

70	62345	Sezal	SGGS/BT/2020-21/017	An insilico approach towards breast cancer using PTEN as a target	SGGS College
71	62328	Damini Rana	SGGS/BT/2020-21/018	Evaluation of antimicrobial activity of two species of Bauhinia	SGGS College
72	62334	Karan tanwar	SGGS/BT/2020-21/019	Comparative analysis of mango plant diseases	SGGS College
73	62337	Neha Sharma	SGGS/BT/2020-21/020	Identification and characterization of ligand binding to RAS gene involved in breast cancer, lung cancer and myelodysplastic syndrome	SGGS College
74	62329	Gagandeep	SGGS/BT/2020-21/021	Discriptive Epidemiology and Risk Factors for Head And Neck Cancer	SGGS College
75	62352	Sweetly	SGGS/BT/2020-21/022	Production of ethanol from cassava pulp	SGGS College
76	62336	Navneet Kaur Sohal	SGGS/BT/2020-21/023	To Study Probiotics and Probiotic Bacteria	SGGS College
77	62341	Priyanka kaur	SGGS/BT/2020-21/024	Antimicrobial activity of Cinnamomum tamala	SGGS College
78	62353	Tanvi Sharma	SGGS/BT/2020-21/025	Docking studies on In-silico designed lead molecule for inhibition of Mef 2 A gene having implication in Coronary Artery Disease	SGGS College
79	62349	Smita kumari	SGGS/BT/2020-21/026	Comparison of antimutagenic properties of different strains of lactic acid bacteria against various mutagens.	SGGS College
80	62339	Parul	SGGS/BT/2020-21/027	Stem Cell Technology to Cure Eye Disease	SGGS College
81	62354	Vandna	SGGS/BT/2020-21/028	Development and clinical evaluation of dendritic cell vaccine for Hpv related cervical cancer	SGGS College
82	62329	Gagandeep	SGGS/BT/2020-21/029	Head and Neck Cancer: Epidemiology, Diagnosis and Treatment	SGGS College
83	62322	Achita Chawla	SGGS/BT/2020-21/030	To study Metabolomics for biomarker discovery	SGGS College
84	62344	Sahil kaushik	SGGS/BT/2020-21/031	A study on Adipose derived stem cell therapy for bone regeneration.	SGGS College
85	62332	Jasbir Kaur	SGGS/BT/2020-21/032	Symptomatic and molecular identification of fungal disease of mango	SGGS College
86	62323	Ankita Rana	SGGS/BT/2020-21/033	Identification and Purification of Antioxidant Compounds from the Leaves of Moringa oleifera (Shobhanjana)	SGGS College
87	62335	Nancy Bhardwaj	SGGS/BT/2020-21/034	Identification and purification of antibacterial compounds from leaves of pithecollobium dulce	SGGS College
88	62351	Swati Jhinkwan	SGGS/BT/2020-21/035	In Silico prediction, Characterization , Molecular Docking Studies for the Identification of Inhibitor for Alzheimer's Disease.	SGGS College
89	62350	Supriya Saini	SGGS/BT/2020-21/036	Molecular docking studies on in silico designed lead molecule inhibiting p53 gene in cervical cancer	SGGS College
90	62329	Gagandeep	SGGS/BT/2020-21/037	Mucormycosis	SGGS College
91	63494	Garima Rani	SGGS/BT/2020-21/038	Isolation, identification and characterisation of amylase producing bacteria from hot springs	SGGS College
92	63502	Shivani Sharma	SGGS/BT/2020-21/039	Therapeutic potentials of Exopolysaccharide isolated from different fungal species	SGGS College
93	63482	Aakshi Katoch	SGGS/BT/2020-21/040	To study the Probiotic Lactic Acid Bacteria isolated from different milk sources.	SGGS College
94	63486	Amandeep Kaur	SGGS/BT/2020-21/041	Inbition potential of phytochemicals obtained from different plants for biofilm of Staphylococcus aureus	SGGS College
95	63501	Ritika Dogra	SGGS/BT/2020-21/042	Identification and purification of antibacterial compounds from Ramnunculus laetus against bacterial species.	SGGS College
96	63488	Ashima Bharti	SGGS/BT/2020-21/043	Potency of Soil Bacteria of Packaging Industry for B-Amylase Production and Biodegradation of Brewery Effluent	SGGS College
97	63491	Deepika	SGGS/BT/2020-21/044	Bioremediation of soil artificially contaminated with crude oil using animal waste	SGGS College
98	63942	Dhni Shukla	SGGS/BT/2020-21/045	Significance of optimally produced laccase in biodegradation of crop residues	SGGS College
99	63487	Annu George	SGGS/BT/2020-21/046	Single Cell Oil Production By Rhodotorula Glutinis Using Various Substrates As Biodiesel Feedstock	SGGS College
100	63490	Champa Thakur	SGGS/BT/2020-21/047	In vitro antimicrobial activity of Some medicinal plants against human pathogenic bacteria	SGGS College
101	64075	Akanksha Saini	SGGS/BT/2020-21/048	Study of biodegradation of bioplastics by microbes.	SGGS College
102	63505	Tanika Mahajan	SGGS/BT/2020-21/049	Manganese peroxidase production and bio remediation of coffee effluent by soil bacteria near palm trees	SGGS College

			103	63483	Aditi	SGGS/BT/2020-21/050	Xylanase production for fruit juice clarification by soil bacteria of paper and pulp industry	SGGS College
			104	32830	Priya	SGGS/BT/2020-21/051	Comparative study of different types of industrial wastewater treatment & its Physicochemical characteristics	SGGS College
			105	63481	Aakriti	SGGS/BT/2020-21/052	Bioremediation of Abattoir Effluent and Keratinase Production by Soil Bacteria of Limestone Quarry	SGGS College
			106	63491	Deepika	SGGS/BT/2020-21/053	Bioremediation of soil artificially contaminated with crude oil using animal waste	SGGS College
			107	63503	Sonia Kayath	SGGS/BT/2020-21/054	Cultivation And Nutritional Analysis Of Oyster Mushroom (Pleurotus Ostreatus) Using Secondary Agriculture Waste As A Substrate	SGGS College
			108	64088	Nisha Rawat	SGGS/BT/2020-21/055	Antimicrobial activity of Aegle marmelos	SGGS College
			109	64086	Medha Batra	SGGS/BT/2020-21/056	Comparative study of bacteriocin producing species	SGGS College
			110	63504	Sumedha Chauhan	SGGS/BT/2020-21/057	Comparative Effects of Different Types of Biochar on Growth and uptake of Nutrients by Maize (Zea Mays)	SGGS College
			111	63500	Priyanka	SGGS/BT/2020-21/058	Evaluation of Antibacterial Activity of plant extract for antibiotic resistance bacteria isolated from expired Drugs	SGGS College
			112	63489	Avni	SGGS/BT/2020-21/059	SARS-CoV-2 and Gut Microbiota, Are they Interlinked?	SGGS College
			113	63497	Navneet Kaur	SGGS/BT/2020-21/060	Screening of extremophilic bacteria for production of bacterial lipase using different oils as carbon source	SGGS College
			114	64083	Gagandeep Kaur	SGGS/BT/2020-21/061	Isolation and Characterization of Microorganisms in Industrial Effluents	SGGS College
			115	63495	Jasneet Kaur	SGGS/BT/2020-21/062	Antibacterial Activity Of Sweet Orange (Citrus Sinensis) On Staphylococcus Aureus and Escherichia Coli Isolated from Wound Infected	SGGS College
			116	64074	Aditya Prakash	SGGS/BT/2020-21/063	Bioflavor production from orange peel hydrolysate using immobilized Saccharomyces cerevisiae	SGGS College
5	Bachelor of Science in Biotechnology Honours - Semester VI	BIOT-307-On Job Training	117	9504	SHWETA	ORG/2021/BMGTB/32	Biochemical and Molecular GeneticsTechniques and Bioinformatics	Origin life Health care solutions and research. Centre LLP, sec. 38 C and D, Chandigarh
			118	9511	KANHAIYA KUMAR BYAHUT		Advanced Molecular Biology Techniques	Advanced Molecular Biology Techniques, INBIT , Delhi
			119	9505	SUPREETY BHALLA	ORG/2021/BMGTB/31	Biochemical and Molecular GeneticsTechniques and Bioinformatics	Origin life Health care solutions and research. Centre LLP, sec. 38 C and D, Chandigarh
			120	9503	SANJANA KUMARI	ORG/2021/BMGTB/30	Biochemical and Molecular GeneticsTechniques and Bioinformatics	Origin life Health care solutions and research. Centre LLP, sec. 38 C and D, Chandigarh
			121	9506	TSERING CHUSKIT	ORG/2021/BMGTB/33	Biochemical and Molecular GeneticsTechniques and Bioinformatics	Origin life Health care solutions and research. Centre LLP, sec. 38 C and D, Chandigarh
			122	9515	Ekta		Basic Molecular Biology Techniques	Advanced Molecular Biology Techniques, INBIT , Delhi
			123	9514	ANIKET	SGGS/BT/2020-21/064	Different Techniques in Biotechnology	SGGS College
			124	9508	APOORVA	SGGS/BT/2020-21/065	PCR, ELISA, Integrated pest management	SGGS College
			125				Mass Spectrometry, Gel Electrophoresis, Centrifugation , NCBI ORF FINDER	SGGS College
			126	9502	ARCHANA VERMA	SGGS/BT/2020-21/066	DNA isolation from blood and preparation of reagents for DNA isolation	SGGS College
				9515	DIKSHANT SHARMA	SGGS/BT/2020-21/067		
			127	9507	KUSUM GAURA	SGGS/BT/2020-21/068	Hybridoma Technique	SGGS College
			128		LOUREMBAM MICHAEL SINGH	SGGS/BT/2020-21/069	Advanced Molecular Biology Techniques	SGGS College
			129	9509	MOHIT PARKASH	SGGS/BT/2020-21/070	Sterization techniques of media and production of wine/bear	SGGS College
			130	9501	ISHIKA SAINI	SGGS/BT/2020-21/071	Production of Vitamin B12	SGGS College

6	Master of Science in Information and Technology- Semester I	MS-63-Minor Project based on MS-66	131	21601	Yash Kumar Singh	SGGS/CS/2020-21/045	Electricity Bill Payment System	SGGS College
			132	21602	Akshay Kumar	SGGS/CS/2020-21/046	The Moonlight Café in Shell Programming	SGGS College
			133	21603	Muskaan	SGGS/CS/2020-21/047	Employee Management System	SGGS College
			134	21604	Rahul kumar	SGGS/CS/2020-21/048	Flight Reservation	SGGS College
			135	21605	Sourav Maurya	SGGS/CS/2020-21/049	Hungry Point	SGGS College
			136	21606	Vivek mattu	SGGS/CS/2020-21/050	Flight Reservation	SGGS College
			137	21607	GURPREET KAUR	SGGS/CS/2020-21/051	The Moonlight Café in Shell Programming	SGGS College
			138	21608	Simranjeet Kaur	SGGS/CS/2020-21/052	Hungry Point	SGGS College
			139	21609	Ajay	SGGS/CS/2020-21/053	File Encrypter and Decrypter in Linux	SGGS College
			140	21610	Aditya thakur	SGGS/CS/2020-21/054	Library Management System	SGGS College
			141	21611	Nisha Thakur	SGGS/CS/2020-21/055	Library Management System	SGGS College
			142	21612	Navneet	SGGS/CS/2020-21/056	Hotel Management System	SGGS College
			143	21613	Mir Abdulahad	SGGS/CS/2020-21/057	Doctor Appointment System in Shell Programming	SGGS College
			144	21614	Sachin	SGGS/CS/2020-21/058	File Encrypter and Decrypter in Linux	SGGS College
			145	21615	Kanika Arora	SGGS/CS/2020-21/059	Hotel Management System	SGGS College
			146	21616	Ghulam Mustafa	SGGS/CS/2020-21/060	Doctor Appointment System in Shell Programming	SGGS College
			147	21617	Sanjana	SGGS/CS/2020-21/061	8 - Puzzle Game	SGGS College
			148	21618	Rueen Abi	SGGS/CS/2020-21/062	Doctor Appointment System in Shell Programming	SGGS College
			149	21619	Gurdeep Singh	SGGS/CS/2020-21/063	Hotel Management System	SGGS College
			150	21620	Shreya Thakur	SGGS/CS/2020-21/064	The Moonlight Café in Shell Programming	SGGS College
			151	21621	Sushant Mor	SGGS/CS/2020-21/065	The Moonlight Café in Shell Programming	SGGS College
7	Master of Science in Information and Technology- Semester I	MS-64-Minor Project based on MS-62	152	21601	Yash kumar singh	SGGS/CS/2020-21/066	Merge Sort	SGGS College
			153	21602	AKSHAY KUMAR	SGGS/CS/2020-21/067	Graph Coloring Using Backtracking	SGGS College
			154	21603	Muskaan	SGGS/CS/2020-21/068	Quick Sort	SGGS College
			155	21604	RAHUL KUMAR	SGGS/CS/2020-21/069	Knapsack Problem Using Greedy Method	SGGS College
			156	21605	Sourav Maurya	SGGS/CS/2020-21/070	N-Queen's Problem Using Backtracking	SGGS College
			157	21606	Vivek Mattu	SGGS/CS/2020-21/071	Knapsack Problem Using Branch and Bound	SGGS College
			158	21607	Gurpreet kaur	SGGS/CS/2020-21/072	0/1 Knapsack Problem Solving	SGGS College
			159	21608	Simranjeet Kaur	SGGS/CS/2020-21/073	N-Queen's Problem Using Backtracking	SGGS College
			160	21609	AJAY	SGGS/CS/2020-21/074	Dijkstra Algorithm	SGGS College
			161	21610	Aditya thakur	SGGS/CS/2020-21/075	Kruskal Algorithm	SGGS College
			162	21611	Nisha Thakur	SGGS/CS/2020-21/076	Prim's Algorithm	SGGS College
			163	21612	Navneet kaur	SGGS/CS/2020-21/077	Job Sequencing	SGGS College
			164	21613	Mir Abdulahad	SGGS/CS/2020-21/078	Stack and Its Applications	SGGS College
			165	21614	Sachin	SGGS/CS/2020-21/079	Traveling Salesman Dynamic Programming	SGGS College
			166	21615	Kanika Arora	SGGS/CS/2020-21/080	Queue	SGGS College
			167	21616	Ghulam Mustafa	SGGS/CS/2020-21/081	Optimal Binary Search Tree	SGGS College
			168	21617	Sanjana	SGGS/CS/2020-21/082	Floyd Warshall Algorithm	SGGS College
			169	21618	Rueen Abi	SGGS/CS/2020-21/083	Optimal Binary Search Tree	SGGS College
			170	21619	Gurdeep singh	SGGS/CS/2020-21/084	TSP Using Branch and Bound	SGGS College
			171	21620	Shreya Thakur	SGGS/CS/2020-21/085	Single Source Shortest Path	SGGS College
			172	21621	Sushant Mor	SGGS/CS/2020-21/086	Single Source Shortest Path	SGGS College
8	Master of Science in Information and Technology- Semester II	MS-56-Minor Project based on MS-45 & MS-60	173	21601	Yash Kumar Singh	SGGS/CS/2020-21/284	School Management System	SGGS College
			174	21602	Akshay Kumar	SGGS/CS/2020-21/285	Hospital Management System	SGGS College
			175	21603	Muskaan	SGGS/CS/2020-21/286	Employee Management System	SGGS College
			176	21604	Rahul Kumar	SGGS/CS/2020-21/287	Bank Management System	SGGS College
			177	21605	Sourav Maurya	SGGS/CS/2020-21/288	Library Management	SGGS College
			178	21606	Vivek Mattu	SGGS/CS/2020-21/289	Bank management System	SGGS College
			179	21607	Gurpreet Kaur	SGGS/CS/2020-21/290	School Management System	SGGS College
			180	21608	Simranjeet Kaur	SGGS/CS/2020-21/291	Library Management	SGGS College
			181	21610	Aditya Thakur	SGGS/CS/2020-21/292	Chatroom	SGGS College
			182	21611	Nisha Thakur	SGGS/CS/2020-21/293	Employment Management System	SGGS College
			183	21612	Navneet Kaur	SGGS/CS/2020-21/294	Library Management System	SGGS College
			184	21613	Mir Abdulahad	SGGS/CS/2020-21/295	Library Management System	SGGS College
			185	21614	Sachin	SGGS/CS/2020-21/296	Airline Reservation System	SGGS College
			186	21615	Kanika Arora	SGGS/CS/2020-21/297	Library Management System	SGGS College
			187	21616	Ghulam Mustafa	SGGS/CS/2020-21/298	Hospital Management	SGGS College
			188	21617	Sanjana	SGGS/CS/2020-21/299	Student Management System	SGGS College
			189	21618	Rueen Abi	SGGS/CS/2020-21/300	Hospital Management	SGGS College
			190	21619	Gurdeep Singh	SGGS/CS/2020-21/301	Bank Management System	SGGS College
			191	21620	Shreya Thakur	SGGS/CS/2020-21/302	School Management System	SGGS College
			192	20609	Ajay	SGGS/CS/2020-21/303	Spam Detector	SGGS College
9	Master of Science in Information and Technology- Semester II	MS-58-Minor Project based on MS-67	193	21601	Yash kumar Singh	SGGS/CS/2020-21/274	Water Jug Problem	SGGS College
			194	21602	Akshay Kumar	SGGS/CS/2020-21/275	PROLOG (TOWER OF HANOI)	SGGS College
			195	21603	Muskaan	SGGS/CS/2020-21/276	Prolog Programming	SGGS College
			196	21604	Rahul Kumar	SGGS/CS/2020-21/277	4-3 water jug problem	SGGS College
			197	21605	Sourav Maurya	SGGS/CS/2020-21/278	Prolog Programming	SGGS College
			198	21606	Vivek mattu	SGGS/CS/2020-21/279	Prolog Programming	SGGS College

			199	21607	Gurpreet Kaur	SGGS/CS/2020-21/280	WATER JUG PROBLEM IN AI AND PROLOG	SGGS College
			200	21608	Simranjeet Kaur	SGGS/CS/2020-21/281	Prolog Programming	SGGS College
			201	21609	AJAY	SGGS/CS/2020-21/282	Tower of Hanoi	SGGS College
			202	21610	Aditya thakur	SGGS/CS/2020-21/283	Prolog Programming	SGGS College
			203	21611	Nisha Thakur	SGGS/CS/2020-21/284	Prolog Programming	SGGS College
			204	21612	Navneet Kaur	SGGS/CS/2020-21/285	Prolog Programming	SGGS College
			205	21613	Mir Abdulahad	SGGS/CS/2020-21/286	Prolog Programming	SGGS College
			206	21614	Sachin	SGGS/CS/2020-21/287	Prolog Programming	SGGS College
			207	21615	Kanika Arora	SGGS/CS/2020-21/288	Tower of Hanoi	SGGS College
			208	21616	Ghulam Mustafa	SGGS/CS/2020-21/289	Water Jug Problem	SGGS College
			209	21617	Sanjana	SGGS/CS/2020-21/290	Spam Detector	SGGS College
			210	21618	Rueen Abi	SGGS/CS/2020-21/291	4-3 Water Jug Problem	SGGS College
			211	21619	Gurdeep Singh	SGGS/CS/2020-21/292	Prolog Programming	SGGS College
			212	21620	Shreya Thakur	SGGS/CS/2020-21/293	Water Jug Problem	SGGS College
10	Master of Science in Information and Technology- Semester III	MS-33-Minor Project based on MS-32	213	21801	Komal Mehra	SGGS/CS/2020-21/001	Jig Saw	SGGS College
			214	21802	SAMBHAV JAIN	SGGS/CS/2020-21/002	Café Billing System	SGGS College
			215	21803	Komal Preet	SGGS/CS/2020-21/003	Pizza Ordering System	SGGS College
			216	21804	prateek neoliya	SGGS/CS/2020-21/004	Student Evaluation	SGGS College
			217	21805	Sharanjeet kaur	SGGS/CS/2020-21/005	Calculator	SGGS College
			218	21806	Yash Madaan	SGGS/CS/2020-21/006	Café Billing System	SGGS College
			219	21807	Shubham Sharma	SGGS/CS/2020-21/007	Puzzle	SGGS College
			220	21808	Divya verma	SGGS/CS/2020-21/008	Jig Saw	SGGS College
			221	21809	Sakshi Jasrotia	SGGS/CS/2020-21/009	Snake Game	SGGS College
			222	21810	Harshvardhan	SGGS/CS/2020-21/010	E- Commerce	SGGS College
			223	21811	Sanjana	SGGS/CS/2020-21/011	Online Courier System	SGGS College
			224	21812	Harmanjeet Kaur	SGGS/CS/2020-21/012	E- Commerce	SGGS College
			225	21813	Jyoti bala	SGGS/CS/2020-21/013	Student Grading System	SGGS College
			226	21814	shivani manhas	SGGS/CS/2020-21/014	Calculator	SGGS College
			227	21815	Kajal Saini	SGGS/CS/2020-21/015	Student Grading System	SGGS College
			228	21816	Harish Tiwari	SGGS/CS/2020-21/016	Tetris Game	SGGS College
			229	21817	Ankit Pant	SGGS/CS/2020-21/017	Puzzle Game	SGGS College
			230	21818	Gurraj	SGGS/CS/2020-21/018	Snake Game	SGGS College
			231	21819	karik	SGGS/CS/2020-21/019	Student Evaluation	SGGS College
			232	21820	Raghav Moudgill	SGGS/CS/2020-21/020	Pizza Ordering System	SGGS College
			233	21821	Sonal Dhiman	SGGS/CS/2020-21/021	Online Courier System	SGGS College
			234	21822	Rishwant Kaur	SGGS/CS/2020-21/022	Tetris Game	SGGS College
11	Master of Science in Information and Technology- Semester III	MS-59-Minor Project based on MS-39	235	21801	Komal Mehra	SGGS/CS/2020-21/023	N Queen's Problem	SGGS College
			236	21802	SAMBHAV JAIN	SGGS/CS/2020-21/024	Tower of Hanoi	SGGS College
			237	21803	Komal Preet	SGGS/CS/2020-21/025	Heart Game	SGGS College
			238	21804	prateek neoliya	SGGS/CS/2020-21/026	Brick Breaker	SGGS College
			239	21805	Sharanjeet kaur	SGGS/CS/2020-21/027	Bicycle Animation	SGGS College
			240	21806	Yash Madaan	SGGS/CS/2020-21/028	Tower of Hanoi	SGGS College
			241	21807	Shubham Sharma	SGGS/CS/2020-21/029	Snake Game	SGGS College
			242	21808	Divya verma	SGGS/CS/2020-21/030	N Queen's Problem	SGGS College
			243	21809	Sakshi Jasrotia	SGGS/CS/2020-21/031	Railway Run	SGGS College
			244	21810	Harshvardhan	SGGS/CS/2020-21/032	3D Transformation	SGGS College
			245	21811	Sanjana	SGGS/CS/2020-21/033	2D Transformation	SGGS College
			246	21812	Harmanjeet Kaur	SGGS/CS/2020-21/034	3D Transformation	SGGS College
			247	21813	Jyoti bala	SGGS/CS/2020-21/035	Clipping	SGGS College
			248	21814	shivani manhas	SGGS/CS/2020-21/036	Bicycle Animation	SGGS College
			249	21815	Kajal Saini	SGGS/CS/2020-21/037	Clipping	SGGS College
			250	21816	Harish Tiwari	SGGS/CS/2020-21/038	Packman Game	SGGS College
			251	21817	Ankit Pant	SGGS/CS/2020-21/039	Snake Game	SGGS College
			252	21818	Gurrah Singh	SGGS/CS/2020-21/040	Railway Run	SGGS College
			253	21819	karik kalia	SGGS/CS/2020-21/041	Brick Breaker	SGGS College
			254	21820	Raghav Moudgill	SGGS/CS/2020-21/042	Heart Game	SGGS College
			255	21821	Sonal Dhiman	SGGS/CS/2020-21/043	2D Transformation	SGGS College
			256	21822	Rishwant Kaur	SGGS/CS/2020-21/044	Packman Game	SGGS College
12	Post Graduate Diploma in Computer Applications - Semester II	PGD-2107-Project Work	257	23601	Vinay Sharma	SGGS/CS/2020-21/087	ANDROID VERSION BASICS	SGGS College
			258	23602	Santokh Singh	SGGS/CS/2020-21/088	Basics of Sikhism	SGGS College
			259	23603	Bhupinder Singh	SGGS/CS/2020-21/089	Restaurants Of Chandigarh	SGGS College
			260	23604	Rohit	SGGS/CS/2020-21/090	Online registration	SGGS College
			261	23605	Gagandeep	SGGS/CS/2020-21/091	Website on Mera Bharat	SGGS College
			262	23606	Avinash Singh	SGGS/CS/2020-21/092	Website on Mera Bharat	SGGS College
			263	23608	Ritika	SGGS/CS/2020-21/093	TOUR AND TRAVEL	SGGS College
			264	23609	Mukesh	SGGS/CS/2020-21/094	Web Application Intra-College Communication System	SGGS College
			265	23610	Diksha Sharma	SGGS/CS/2020-21/095	Online food order(Creamy Dreamy)	SGGS College
			266	23611	Manish Yadav	SGGS/CS/2020-21/096	E-Learning System	SGGS College
			267	23612	SACHIN	SGGS/CS/2020-21/097	UNIVERSITY WEBSITE	SGGS College
			268	23613	Savita	SGGS/CS/2020-21/098	Home	SGGS College
			269	23614	Kritik Kumar	SGGS/CS/2020-21/099	E-Learning System	SGGS College
			270	23615	Sarthak Moudgil	SGGS/CS/2020-21/100	Youth club	SGGS College
			271	23616	Mayank Saluja	SGGS/CS/2020-21/101	Online food order(Creamy Dreamy)	SGGS College
			272	23617	Rupinder Singh	SGGS/CS/2020-21/102	HTML Tags	SGGS College
			273	23618	ROHIT	SGGS/CS/2020-21/103	HTML	SGGS College
			274	23620	GURPREET SINGH PAL	SGGS/CS/2020-21/104	ONLINE COMPLAINT MANAGEMENT SYSTEM	SGGS College

			275	23621	AASHISH KUMAR	SGGS/CS/2020-21/105	ONLINE COMPLAINT MANAGEMENT SYSTEM	SGGS College
			276	23623	Khushpal Singh	SGGS/CS/2020-21/106	GYM ENQUIRY SYSTEM	SGGS College
			277	23624	Ravi	SGGS/CS/2020-21/107	Online Hair Studio	SGGS College
			278	23626	Manpreet kaur	SGGS/CS/2020-21/108	Jewellery	SGGS College
			279	23627	Bhupinder singh	SGGS/CS/2020-21/109	Restaurants Of Chandigarh	SGGS College
			280	23628	Anjali verma	SGGS/CS/2020-21/110	Online registration	SGGS College
			281	23630	Sarabjeet singh	SGGS/CS/2020-21/111	Youth club	SGGS College
			282	23631	Anurag kashyap	SGGS/CS/2020-21/112	Samsung S10+ website	SGGS College
			283	23632	JATINDER SINGH	SGGS/CS/2020-21/113	ONLINE COMPLAINT MANAGEMENT SYSTEM	SGGS College
13	Bachelor of Computer Applications - Semester VI	BCA-16-605-Major Project and Seminar	284	7501	Suraj	SGGS/CS/2020-21/114	Bank Management System	SGGS College
			285	7502	Ayush Rana	SGGS/CS/2020-21/115	Shopping Cart	SGGS College
			286	7503	Neeraj Maan	SGGS/CS/2020-21/116	Learn Programming Language	SGGS College
			287	7504	Simranjit Singh	SGGS/CS/2020-21/117	E-Commerce Store	SGGS College
			288	7505	Sandeep Singh	SGGS/CS/2020-21/118	Indian restaurant	SGGS College
			289	7506	Sanyam Chawla	SGGS/CS/2020-21/119	SCIENTIFIC CALCULATOR	SGGS College
			290	7507	Ajay Sharma	SGGS/CS/2020-21/120	Cafe management	SGGS College
			291	7508	Sahil Dewan	SGGS/CS/2020-21/121	Expense Diary	SGGS College
			292	7509	Neeraj Singh Chauhan	SGGS/CS/2020-21/122	website (tour and travel)	SGGS College
			293	7510	Rakesh Kumar	SGGS/CS/2020-21/123	Shoeop	SGGS College
			294	7511	Lalit Kumar	SGGS/CS/2020-21/124	Hostel Management system	SGGS College
			295	7512	Parvesh Sharma	SGGS/CS/2020-21/125	Hostel Management system	SGGS College
			296	7513	Shivam Kumar	SGGS/CS/2020-21/126	Chandigarh Tours and Travels	SGGS College
			297	7514	Sidharth Trivedi	SGGS/CS/2020-21/127	Hostel Management	SGGS College
			298	7515	Lakhvinder Singh	SGGS/CS/2020-21/128	E-Commerce Store	SGGS College
			299	7516	Rohit Anil Babar	SGGS/CS/2020-21/129	Library management system	SGGS College
			300	7517	Amit Sood	SGGS/CS/2020-21/130	Indian restaurant	SGGS College
			301	7518	Manish Saini	SGGS/CS/2020-21/131	Online calculator	SGGS College
			302	7519	Piyush	SGGS/CS/2020-21/132	Hotel Management	SGGS College
			303	7520	Harsh Joshi	SGGS/CS/2020-21/133	Hostel Management	SGGS College
			304	7521	Rohit Tanwar	SGGS/CS/2020-21/134	Car Rental	SGGS College
			305	7523	Atul Singh	SGGS/CS/2020-21/135	WebChat	SGGS College
			306	7524	Sanchit	SGGS/CS/2020-21/136	Pharmacy management system	SGGS College
			307	7525	Akshit Gupta	SGGS/CS/2020-21/137	Clinic Management	SGGS College
			308	7526	Sourabh Rawat	SGGS/CS/2020-21/138	Pharmacy management system	SGGS College
			309	7527	Madhul	SGGS/CS/2020-21/139	The Lagger's	SGGS College
			310	7528	Jatin	SGGS/CS/2020-21/140	Cafe management	SGGS College
			311	7529	Gurmenar Singh	SGGS/CS/2020-21/141	Starbucks	SGGS College
			312	7530	Abhishek Sharma	SGGS/CS/2020-21/142	Hotel Management	SGGS College
			313	7531	Kartik Sharma	SGGS/CS/2020-21/143	Starbucks	SGGS College
			314	7532	Pritam Uniyal	SGGS/CS/2020-21/144	TOURS AND TRAVEL MANAGEMENT SYSTEM	SGGS College
			315	7533	Hitesh Maan	SGGS/CS/2020-21/145	WebChat	SGGS College
			316	7534	Navyam Prabhakar	SGGS/CS/2020-21/146	Expense Diary	SGGS College
			317	7535	Kamal Mohan	SGGS/CS/2020-21/147	online shopping system	SGGS College
			318	7536	Sidakjeet Singh Bakshi	SGGS/CS/2020-21/148	Hotel Management	SGGS College
			319	7537	Ajay Kc	SGGS/CS/2020-21/149	SCIENTIFIC CALCULATOR	SGGS College
			320	7538	Raj Shekhar	SGGS/CS/2020-21/150	ATM Management System	SGGS College
			321	7539	Himanshu	SGGS/CS/2020-21/151	online shopping system	SGGS College
			322	7540	Jagroop Raj Singh	SGGS/CS/2020-21/152	ATM Management System	SGGS College
			323	7541	Ashish Sharma	SGGS/CS/2020-21/153	Covid Vaccination Management System	SGGS College
			324	7542	Gurjot Singh Dhimani	SGGS/CS/2020-21/154	Clinic management	SGGS College
			325	7543	Kartik Saini	SGGS/CS/2020-21/155	Kartik's store	SGGS College
			326	7544	Nikhil Ohri	SGGS/CS/2020-21/156	Car Rental	SGGS College
			327	7545	Vishal	SGGS/CS/2020-21/157	Hair Studio	SGGS College
			328	7546	Dildeep Singh	SGGS/CS/2020-21/158	The Mangle (Puzzle Game)	SGGS College
			329	7547	Balram	SGGS/CS/2020-21/159	Porta Cabins and Cleaning Services	SGGS College
			330	7548	Gourav Kumar	SGGS/CS/2020-21/160	DIET CONSULTANT MANAGEMENT SYSTEM	SGGS College
			331	7549	Lokender Singh Pal	SGGS/CS/2020-21/161	Library management system	SGGS College
			332	7550	Ankit Prasad	SGGS/CS/2020-21/162	Library management system	SGGS College
			333	7551	Devam Kumar	SGGS/CS/2020-21/163	Library management system	SGGS College
			334	7552	Ritik Pathania	SGGS/CS/2020-21/164	Cravy Food	SGGS College
			335	7553	Jai Singh	SGGS/CS/2020-21/165	TechBeing Website	SGGS College
			336	7554	Kartik Sharma	SGGS/CS/2020-21/166	Porta Cabins and Cleaning Services	SGGS College
			337	7555	Jai Singh	SGGS/CS/2020-21/167	Sahalat Car Parking	SGGS College
			338	7556	Rahul Singh	SGGS/CS/2020-21/168	Car rental system in java	SGGS College
			339	7557	Pankaj Singh Chauhan	SGGS/CS/2020-21/169	DIET CONSULTANT MANAGEMENT SYSTEM	SGGS College
			340	7558	Ankit Negi	SGGS/CS/2020-21/170	Cravy Food	SGGS College
			341	7559	Kartik Lakhera	SGGS/CS/2020-21/171	TechBeing Website	SGGS College
			342	7560	Kishan Kumar	SGGS/CS/2020-21/172	Sahalat Car Parking	SGGS College
			343	7561	Vipul	SGGS/CS/2020-21/173	Student management	SGGS College
			344	7562	Aman	SGGS/CS/2020-21/174	TechBeing Website	SGGS College
			345	7563	Sagar	SGGS/CS/2020-21/175	BOOKSTORE	SGGS College
			346	7564	Prajwal Rana	SGGS/CS/2020-21/176	BOOKSTORE	SGGS College

			347	7565	Depender	SGGS/CS/2020-21/177	Ice Cream Shop	SGGS College
			348	7566	Yogesh Singh Negi	SGGS/CS/2020-21/178	Sahabat Car Parking	SGGS College
			349	7567	Lalit Bhargwaj	SGGS/CS/2020-21/179	Onlybooks e-commerce site	SGGS College
			350	7568	Shailish Poudar	SGGS/CS/2020-21/180	ShoeWorld	SGGS College
			351	7569	Prajwal Minhas	SGGS/CS/2020-21/181	Tic_Tac_Toe game	SGGS College
			352	7570	Vikas	SGGS/CS/2020-21/182	Onlybooks e-commerce site	SGGS College
			353	7571	Harshdeep Singh	SGGS/CS/2020-21/183	Health and homefit	SGGS College
			354	7572	Suraj Gupta	SGGS/CS/2020-21/184	Onlybooks e-commerce site	SGGS College
			355	7573	Narayan Dutt	SGGS/CS/2020-21/185	Cravy Food	SGGS College
			356	7574	Sourav Rana	SGGS/CS/2020-21/186	Omni food	SGGS College
			357	7575	Himanshu Patra	SGGS/CS/2020-21/187	Omni food	SGGS College
			358	7576	Amit	SGGS/CS/2020-21/188	The Mangle (Puzzle Game)	SGGS College
			359	7578	Vijay Kumar	SGGS/CS/2020-21/189	PROJECT_REPORT_ON_LIBRARY_MNG SYSTEM	SGGS College
			360	7579	Nakul	SGGS/CS/2020-21/190	Health and homefit	SGGS College
			361	7580	Amit Kumar	SGGS/CS/2020-21/191	Health and homefit	SGGS College
			362	7581	Ritik Badola	SGGS/CS/2020-21/192	Shoeop	SGGS College
			363	7582	Arun Kumar	SGGS/CS/2020-21/193	DIET CONSULTANT MANAGEMENT SYSTEM	SGGS College
			364	7583	Swati	SGGS/CS/2020-21/194	Hair Studio	SGGS College
			365	7584	Atishya Jain	SGGS/CS/2020-21/195	BOOKSTORE	SGGS College
			366	7585	Rajat Singh Negi	SGGS/CS/2020-21/196	Car rental system	SGGS College
			367	7586	Ashish Kumar	SGGS/CS/2020-21/197	Pharmacy management	SGGS College
			368	7587	Nikhil Adlakha	SGGS/CS/2020-21/198	Snake Game Java script	SGGS College
			369	7588	Balraj Verma	SGGS/CS/2020-21/199	Car rental system in java	SGGS College
			370	7589	Kiran Bala	SGGS/CS/2020-21/200	Online CAFE website	SGGS College
			371	7590	Amarpreet Singh	SGGS/CS/2020-21/201	Quiz contest	SGGS College
			372	7591	Tarvi	SGGS/CS/2020-21/202	Online CAFE website	SGGS College
			373	7592	Yuvraj Ganshi	SGGS/CS/2020-21/203	Fast Food Ordering Website	SGGS College
			374	7593	Shahil	SGGS/CS/2020-21/204	Quiz App	SGGS College
			375	7594	Raghav Gulati	SGGS/CS/2020-21/205	Cruze food website	SGGS College
			376	7595	Masir	SGGS/CS/2020-21/206	ATM functionality	SGGS College
			377	7596	Jagjit Singh Chawla	SGGS/CS/2020-21/207	Ambuja Industries- Online Shopping Portal	SGGS College
14	Diploma in Journalism and Mass Communication - Semester II	JMC-08-Traning and Viva Voice Practical	378	70501	Gurpreet Singh	20/DP/2021		Daily Des Pardes News
			379	70503	Amandeep			Music Box Media
			380	70504	Kulwinder Singh			Green Media
			381	70505	Atinderjit Singh			NZ Punjabi News
			382	70507	Harvinder Kaur			Music Box Media
			383	70508	Hardeep Singh			Music Box Media
			384	70509	Kumud Sharma	NL/30012021/16		Naya Lokyug
			385	70510	Gurpreet Singh			Music Box Media
			386	70511	Amritpal Singh			Green Media
			387	70512	Sandeep	NL/30092021/35		Naya Lokyu
			388	70514	Simranpreet Kaur			Music Box Media
			389	70515	Bhavjot Singh			Green Media
15	Bachelor of Arts in Information Technology- Semester IV	Paper - D-Minor Project Based on VB.Net, Linux	390	3028	Abhineet Kumar	SGGS/CS/2020-21/208	Record Management	SGGS College
			391	3033	Damandeep Kaur	SGGS/CS/2020-21/209	Billing Management System	SGGS College
			392	3047	Arbaaz khan	SGGS/CS/2020-21/210	Employee Management System	SGGS College
			393	3072	Mohd Gulseb	SGGS/CS/2020-21/211	Student Record Management	SGGS College
			394	3073	Amandeep Singh	SGGS/CS/2020-21/212	Employee Management System	SGGS College
			395	3081	RAJESH kumar	SGGS/CS/2020-21/213	Record Management	SGGS College
			396	3135	Sahil Singh	SGGS/CS/2020-21/214	Bank Management System	SGGS College
			397	3162	Shubham Chaudhary	SGGS/CS/2020-21/215	Student Record Management	SGGS College
			398	3177	Chamba tokdan	SGGS/CS/2020-21/216	Bank Management System	SGGS College
			399	3182	Rinku	SGGS/CS/2020-21/217	Billing Management System	SGGS College
			400	3203	Umesh	SGGS/CS/2020-21/218	Employee Management System	SGGS College
			401	3212	Sushil kumar	SGGS/CS/2020-21/219	Record Management	SGGS College
			402	3227	Rajiv	SGGS/CS/2020-21/220	Blood Bank Management System	SGGS College
			403	3253	Amanpreet Singh	SGGS/CS/2020-21/221	Enrollment system	SGGS College
			404	3279	Ankita Chawla	SGGS/CS/2020-21/222	Blood Bank Management System	SGGS College
			405	3286	Deepak Negi	SGGS/CS/2020-21/223	Billing Management System	SGGS College
			406	3307	Manoj singh mani	SGGS/CS/2020-21/224	Blood Bank Management System	SGGS College
			407	3319	Vijay Tiwari	SGGS/CS/2020-21/225	Employee Management System	SGGS College
			408	3328	Deepak	SGGS/CS/2020-21/226	Record Management	SGGS College
			409	3363	Deepak	SGGS/CS/2020-21/227	Employee Management System	SGGS College
			410	3385	Stanzi Anjdu	SGGS/CS/2020-21/228	Student Record Management	SGGS College
			411	3388	Jatin Kumar	SGGS/CS/2020-21/229	Billing Management System	SGGS College
			412	3394	koushal verma	SGGS/CS/2020-21/230	Billing Management System	SGGS College
			413	3405	Mohmed Sameer	SGGS/CS/2020-21/231	Enrollment system	SGGS College
			414	3426	nishitha arora	SGGS/CS/2020-21/232	Book Shop Management	SGGS College
			415	3427	Prakriti rai	SGGS/CS/2020-21/233	Employee Management System	SGGS College
			416	3428	Deepak kumar	SGGS/CS/2020-21/234	Employee Management System	SGGS College
			417	3449	Yogesh	SGGS/CS/2020-21/235	Student Record Management	SGGS College
			418	3468	Akashdeep singh	SGGS/CS/2020-21/236	Book Shop Management	SGGS College
			419	3495	Virat Anand	SGGS/CS/2020-21/237	Student Record Management	SGGS College
			420	3534	Haran	SGGS/CS/2020-21/238	Billing Management System	SGGS College
			421	3535	Priyanka	SGGS/CS/2020-21/239	Book Shop Management	SGGS College

422	3535	Hemant Kumar	SGGS/CS/2020-21/240	Enrollment system	SGGS College
423	3538	Rahul Preet	SGGS/CS/2020-21/241	Record Management	SGGS College
424	3551	Manish Kumar	SGGS/CS/2020-21/242	Book Shop Management	SGGS College
425	3565	Jaswant Singh	SGGS/CS/2020-21/243	Bank Management System	SGGS College
426	3573	Yogesh kumar	SGGS/CS/2020-21/244	Student Record Management	SGGS College
427	3583	Anil kumar	SGGS/CS/2020-21/245	Bank Management System	SGGS College
428	3584	Rohit	SGGS/CS/2020-21/246	Student Record Management	SGGS College
429	3615	Vijay Kumar	SGGS/CS/2020-21/247	Enrollment system	SGGS College
430	3645	Vicky Robert	SGGS/CS/2020-21/248	Record Management	SGGS College
431	3657	Chandan narula	SGGS/CS/2020-21/249	Book Shop Management	SGGS College
432	3687	Kishan malia	SGGS/CS/2020-21/250	Billing Management System	SGGS College
433	3716	Shubham	SGGS/CS/2020-21/251	Blood Bank Management System	SGGS College
434	3749	Rahul gupta	SGGS/CS/2020-21/252	Record Management	SGGS College
435	3753	Divanshu Gupta	SGGS/CS/2020-21/253	Blood Bank Management System	SGGS College
436	3766	Muskan	SGGS/CS/2020-21/254	Student Record Management	SGGS College
437	3794	Ayush	SGGS/CS/2020-21/255	Book Shop Management	SGGS College
438	3815	Anil kumar	SGGS/CS/2020-21/256	Billing Management System	SGGS College
439	3835	Aakash	SGGS/CS/2020-21/257	Blood Bank Management System	SGGS College
440	3848	Jaspreet Johal	SGGS/CS/2020-21/258	Student Record Management	SGGS College
441	3859	Ankit Gururani	SGGS/CS/2020-21/259	Enrollment system	SGGS College
442	3864	Arjun Lamba	SGGS/CS/2020-21/260	Record Management	SGGS College
443	3874	Himani Verma	SGGS/CS/2020-21/261	Billing Management System	SGGS College
444	3887	Sonu kumar	SGGS/CS/2020-21/262	Enrollment system	SGGS College
445	3890	Virender Singh	SGGS/CS/2020-21/263	Record Management	SGGS College

He 13/06/22

Dr Navjot Kaur
Principal

**PRINCIPAL
SRI GURU GOBIND SINGH COLLEGE
CHANDIGARH**



SRI GURU GOBIND SINGH COLLEGE

(Co-educational, Affiliated to Panjab University, Chandigarh)

Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGG/COMM/2020-21/001

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Kajal Dhiman of MCom – 2nd Semester, Roll No. 20001 has undertaken the training (Subject Code : MC - 207) on Factors affecting Smartphone Purchase Behaviour amongst the North Indians in the session 2020-21.

He/She has completed the Project under the guidance of Dr Tejinder Singh of the PG Department of Commerce, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGGs/COMM/2020-21/002

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms AABHA NANDINI of MCom – 2nd Semester, Roll No. 20002 has undertaken the training (Subject Code : MC - 207) on Sugarcane Production in Shamli UP and the Government Schemes in the session 2020-21.

He/She has completed the Project under the guidance of Dr Tejinder Singh of the PG Department of Commerce, SGGs College, Sector-26, Chandigarh.

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Ref No: SGG/COMM/2020-21/003

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Aarohi nee Fulan of MCom – 2nd Semester, Roll No. 20003 has undertaken the training (Subject Code : MC - 207) on Impact of Social Media on Consumer Behaviour: A Study of Residents of Chandigarh in the session 2020-21.

He/She has completed the Project under the guidance of Dr Seema Mahajan of the PG Department of Commerce, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGGGS/COMM/2020-21/004

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Abhishek Gauri of MCom – 2nd Semester, Roll No. 20005 has undertaken the training (Subject Code : MC - 207) on Impact of COVID on online shoppingBusiness and Employment in the session 2020-21.

He/She has completed the Project under the guidance of Dr Seema Mahajan of the PG Department of Commerce, SGGGS College, Sector-26, Chandigarh.

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Ref No: SGGGS/COMM/2020-21/005

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Abhishek Tyagi of MCom – 2nd Semester,
Roll No. 20006 has undertaken the training (Subject Code : MC - 207) on
Customer Satisfaction towards Reliance Jio in the session 2020-21.

He/She has completed the Project under the guidance of Dr Parminder Walia of
the PG Department of Commerce, SGGGS College, Sector-26, Chandigarh.

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Ref No: SGG/COMM/2020-21/006

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Akash of MCom – 2nd Semester,
Roll No. 20007 has undertaken the training (Subject Code : MC - 207) on A
Relationship Study of Canteen Service Quality and College Students satisfaction
Level in the session 2020-21.

He/She has completed the Project under the guidance of Dr Parminder Walia of
the PG Department of Commerce, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGGGS/COMM/2020-21/007

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Aman Gupta of MCom – 2nd Semester,
Roll No. 20008 has undertaken the training (Subject Code : MC - 207) on
Outsourcing is the Future in the session 2020-21.

He/She has completed the Project under the guidance of Dr Taranjit Rao of the PG
Department of Commerce, SGGGS College, Sector-26, Chandigarh.

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Ref No: SGG/COMM/2020-21/008

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Amandeep Kaur of MCom – 2nd Semester,
Roll No. 20009 has undertaken the training (Subject Code : MC - 207) on Quality
of work life of employees of employees working in Canara Bank in Panchkula
district in the session 2020-21.

He/She has completed the Project under the guidance of Dr Taranjit Rao of the PG
Department of Commerce, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGG/COMM/2020-21/009

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Deepti Kukreti of MCom – 2nd Semester,
Roll No. 20013 has undertaken the training (Subject Code : MC - 207) on Health
Insurance: Identifying Awareness Preferences, and Buying Pattern in the session
2020-21.

He/She has completed the Project under the guidance of Dr Surjit Singh of the PG
Department of Commerce, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGGGS/COMM/2020-21/010

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Gaganjot of MCom – 2nd Semester,
Roll No. 20015 has undertaken the training (Subject Code : MC - 207) on HRM in
Banking sector- SBI Bank in the session 2020-21.

He/She has completed the Project under the guidance of Dr Surjit Singh of the PG
Department of Commerce, SGGGS College, Sector-26, Chandigarh.

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Ref No: SGG/COMM/2020-21/011

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Jatin bansal of MCom – 2nd Semester,
Roll No. 20020 has undertaken the training (Subject Code : MC - 207) on
Consumer Buying Behaviour towards Online Retail Marketers Flipkart and
Amazon in the session 2020-21.

He/She has completed the Project under the guidance of Dr Sukraj Singh of the
PG Department of Commerce, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGG/COMM/2020-21/012

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Kavita of MCom – 2nd Semester,
Roll No. 20021 has undertaken the training (Subject Code : MC - 207) on The
Level of Customer Satisfaction of Flipkart.com and its Market Potential Analysis in
the session 2020-21.

He/She has completed the Project under the guidance of Dr Sukraj Singh of the
PG Department of Commerce, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGG/COMM/2020-21/013

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Keshab of MCom – 2nd Semester,
Roll No. 20025 has undertaken the training (Subject Code : MC - 207) on HDFC
Bank and Customer Satisfaction Level towards their Bank Services in the session
2020-21.

He/She has completed the Project under the guidance of Ms Pooja Bhagwan of
the PG Department of Commerce, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGG/COMM/2020-21/014

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Kimran Khehra of MCom – 2nd Semester,
Roll No. 20026 has undertaken the training (Subject Code : MC - 207) on
Consumer Behaviour with special reference to Haldiram Pvt Ltd in the session
2020-21.

He/She has completed the Project under the guidance of Ms Pooja Bhagwan of
the PG Department of Commerce, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGG/COMM/2020-21/015

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Manisha Sharma of MCom – 2nd Semester,
Roll No. 20027 has undertaken the training (Subject Code : MC - 207) on An
Empirical study on Brand awareness and Customer satisfaction of Consumer for
Verka Products in the session 2020-21.

He/She has completed the Project under the guidance of Dr Harmeet Kaur of the
PG Department of Commerce, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGGGS/COMM/2020-21/016

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Mehak of MCom – 2nd Semester, Roll No. 20029 has undertaken the training (Subject Code : MC - 207) on A Study of Customer Behaviour with reference to Big Bazar in the session 2020-21.

He/She has completed the Project under the guidance of Dr Amanjot Kaur of the PG Department of Commerce, SGGGS College, Sector-26, Chandigarh.

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Ref No: SGG/COMM/2020-21/017

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms MOHD ZAID of MCom – 2nd Semester,
Roll No. 20030 has undertaken the training (Subject Code : MC - 207) on A study
on Customer Satisfaction for Fasttrack Watches in the session 2020-21.

He/She has completed the Project under the guidance of Dr Amanjot Kaur of the
PG Department of Commerce, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGG/COMM/2020-21/018

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Payal verma of MCom – 2nd Semester, Roll No. 20036 has undertaken the training (Subject Code : MC - 207) on A Study on Consumer Perception and Buying Behaviour regarding Cosmetics in the session 2020-21.

He/She has completed the Project under the guidance of Dr Seema Chopra of the PG Department of Commerce, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGGGS/COMM/2020-21/019

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Rao Shavej Rana of MCom – 2nd Semester,
Roll No. 20037 has undertaken the training (Subject Code : MC - 207) on A study
of the Customer satisfaction of ICICI Bank Customers in the session 2020-21.

He/She has completed the Project under the guidance of Dr Seema Chopra of the
PG Department of Commerce, SGGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Commerce)

Principal



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Ref No: SGGGS/COMM/2020-21/020

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Rashmeen Kaur of MCom – 2nd Semester, Roll No. 20038 has undertaken the training (Subject Code : MC - 207) on Impact of Brands on Local Market in context to Apparel Industry in the session 2020-21.

He/She has completed the Project under the guidance of Dr Rimpi Kaur of the PG Department of Commerce, SGGGS College, Sector-26, Chandigarh.

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Ref No: SGGs/COMM/2020-21/021

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Sakshi vats of MCom – 2nd Semester,
Roll No. 20040 has undertaken the training (Subject Code : MC - 207) on COVID
19 and Mental stress in the session 2020-21.

He/She has completed the Project under the guidance of Dr Manveen Gill of the
PG Department of Commerce, SGGs College, Sector-26, Chandigarh.

Head of Department
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Principal



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Ref No: SGG/COMM/2020-21/022

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Sediga of MCom – 2nd Semester, Roll No. 20041 has undertaken the training (Subject Code : MC - 207) on Effectiveness of Television Advertisement on Consumer Purchase Decision in the session 2020-21.

He/She has completed the Project under the guidance of Dr Manveen Gill of the PG Department of Commerce, SGG/ College, Sector-26, Chandigarh.

Head of Department
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Principal



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Ref No: SGGGS/COMM/2020-21/023

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Shivam goyal of MCom – 2nd Semester, Roll No. 20042 has undertaken the training (Subject Code : MC - 207) on Impact of E-cars on Gasoline cars in the session 2020-21.

He/She has completed the Project under the guidance of Dr Raman Mander of the PG Department of Commerce, SGGGS College, Sector-26, Chandigarh.

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Ref No: SGGGS/COMM/2020-21/024

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms shivani sharma of MCom – 2nd Semester,
Roll No. 20043 has undertaken the training (Subject Code : MC - 207) on A study
on Customer Satisfaction Level of Reliance JIO in the session 2020-21.

He/She has completed the Project under the guidance of Dr Raman Mander of the
PG Department of Commerce, SGGGS College, Sector-26, Chandigarh.

Head of Department
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Ref No: SGGGS/COMM/2020-21/025

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Shubham SINGLA of MCom – 2nd Semester, Roll No. 20044 has undertaken the training (Subject Code : MC - 207) on A Study on Customer Behaviouron Vaseline and Nivea Product in the session 2020-21.

He/She has completed the Project under the guidance of Dr Manbir Dhaliwal of the PG Department of Commerce, SGGGS College, Sector-26, Chandigarh.

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Ref No: SGGGS/COMM/2020-21/026

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Simran of MCom – 2nd Semester,
Roll No. 20045 has undertaken the training (Subject Code : MC - 207) on Trends
in the Microfinanace Industry in India in the session 2020-21.

He/She has completed the Project under the guidance of Dr Manbir Dhaliwal of
the PG Department of Commerce, SGGGS College, Sector-26, Chandigarh.

Head of Department
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Ref No: SGGs/COMM/2020-21/027

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Simran Saini of MCom – 2nd Semester, Roll No. 20046 has undertaken the training (Subject Code : MC - 207) on Impact of COVID on Business and Employment in the session 2020-21.

He/She has completed the Project under the guidance of Dr Anupama Vashisht of the PG Department of Commerce, SGGs College, Sector-26, Chandigarh.

Head of Department
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Ref No: SGG/COMM/2020-21/028

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Simran Saini of MCom – 2nd Semester,
Roll No. 20047 has undertaken the training (Subject Code : MC - 207) on COVID
19 and Mental Health in the session 2020-21.

He/She has completed the Project under the guidance of Dr Anupama Vashisht of
the PG Department of Commerce, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGGGS/COMM/2020-21/029

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Sourabh Thakur of MCom – 2nd Semester,
Roll No. 20048 has undertaken the training (Subject Code : MC - 207) on
Returning to Work after COVID 19 in the session 2020-21.

He/She has completed the Project under the guidance of Dr Gurpreet Jakhar of
the PG Department of Commerce, SGGGS College, Sector-26, Chandigarh.

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Ref No: SGG/COMM/2020-21/030

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Sukhmani of MCom – 2nd Semester, Roll No. 20049 has undertaken the training (Subject Code : MC - 207) on Study on Data Driven Method of Improving Decisions that Impact HR Functions in the session 2020-21.

He/She has completed the Project under the guidance of Dr Gurpreet Jakhar of the PG Department of Commerce, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGGGS/COMM/2020-21/031

Date: 16-11-2021

To Whom It May Concern

This is to certify that Mr/Ms Vanshita sharma of MCom – 2nd Semester,
Roll No. 20051 has undertaken the training (Subject Code : MC - 207) on
Customer Satisfaction of Toyota in the session 2020-21.

He/She has completed the Project under the guidance of Dr Manpreet Kaur of the
PG Department of Commerce, SGGGS College, Sector-26, Chandigarh.

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This Certificate do hereby recognizes that

Komal Mehra D/o Vijay Kumar

has successfully completed Industrial Training Program from

01st March 2021 to 10th June 2021

in Digital Marketing Grade A

For ThinkNEXT Technologies Pvt. Ltd.

Think.
Authorised Signatory

Member Training Division

For ThinkNEXT Technologies Pvt. Ltd.

Munish Mittal
Director

Director



Corporate Office: S.C.F 113, Phase XI, Mohali (Punjab)

☐ A Outstanding ☐ B Excellent ☐ C Very Good ☐ D Good ☐ E Satisfactory

100-90%

89-80%

79-70%

69-60%

59-50%



CERTIFICATE OF TRAINING

This is to certify that SAMBHAV JAIN, a student OF DIGITAL DISCOVERY INSTITUTE, has successfully completed 3 MONTH'S of Training program as a DIGITAL MARKETING. During 15 MARCH 2021 to 15 JUNE 2021 period of his/her Training program with us, he/she was found punctual, hardworking and inquisitive.

For SEO Discovery


Partner

Mandeep Singh (Managing Director)



An ISO 9001:2015 CERTIFIED

Oops InfoSolutions Pvt. Ltd.

S.C.O. 112-113, 2nd Floor,
Sector 34-A, Chandigarh
Ph : 0172-5009244, Mobile : 9855222244
Website : www.oopsinfosolution.com
e-mail : info@oopsinfosolution.com

Ref No:- CGF/170/2021

Date : June 24, 2021

Certificate of Training

This is to confirm that Ms. **Komal Preet** D/O Rashpal Singh, Roll no – **21803**, M.Sc. (IT), Panjab University, Chandigarh is completing her 6 months training in Javascript and NodeJS Technology started on 15th March 2021 to Till date from our esteemed organization under the guidance of Mr. Manjit Singh. She developed project titled 'E-Commerce' in Javascript and NodeJS Technology.



Yours Sincerely,

Name : Manjit Singh

Designation : Director

Email ID(Mandatory): info@oopsinfosolution.com

Contact No. (Mandatory): 9855222244,9855222215,01725009244



Live Deftsoft Informatics Pvt. Ltd.
www.deftsoft.com

Industrial Training Certificate

TO WHOMSOEVER IT MAY CONCERN

Dated: 25.06.21

This is to verify that Mr. PRATEEK NEOLIYA S/o Sh. Dinesh Chandra Student of SGGS COLLEGE SECTOR 26 CHANDIGARH of M.Sc (I.T) Roll No. 21804 has undergone industrial training of 6 months in MERN STACK DEVELOPMENT under the MOBILE DEPARTMENT from March 8th March 2021 until the present.

For Live Deftsoft Informatics Pvt. Ltd.
S. Salunke
25th June 2021
Head HR

(Signature)

ThinkNEXTTM
Innovation at every step...
ISO 9001:2015 Certified Company



Scan and verify your Certificate
Certificate ID:663851
Ref.No. TNT/C-21/4900

Certificate

This Certificate do hereby recognizes that

Sharanjeet Kaur D/o S.Santokh Singh

has successfully completed Industrial Training Program from

11th February 2021 to 15th June 2021

in Digital Marketing Grade A

For ThinkNEXT Technologies Pvt. Ltd.

Pratik
Authorised Signatory

Member Training Division

For ThinkNEXT Technologies Pvt. Ltd.

Munish Mittal
Director

Director



ISO Certified



Member of Confederation
of Indian Industry



Corporate Office: S.C.F 113, Phase XI, Mohali (Punjab)

☐ Outstanding ☐ Excellent ☐ Very Good ☐ Good ☐ Satisfactory

100-90%

89-80%

79-70%

69-60%

59-50%

Date : 01st June 2021

Ref. No. : BTES/TRG./2021/0236

To Whom It May Concern

This is to certify that Mr. Yash Madaan, S/O Sh. Mahesh Kumar Madaan, University Roll No. - 21806, of Shri Guru Gobin Singh College, Sec-26, Chandigarh bearing Reg- ID RCH01190045 is undergoing 6 months Industrial Training in Front End Mean Stack Web Development Technology at our organization from Feb'2021 to July'2021.

He is working on project entitled "**COVID-19 Tracker**" as on date and his final certificate is still pending.

Best Regards,
for bebo Technical Education Services Pvt. Ltd.
(Authorized Signatory)

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Provisionally Accredited By Ministry of Electronics & Information Technology,
Govt. Of India, For NIELIT 'O' Level Computer Course

Dated: 24ND June, 2021

Ref. NICT15/INDTRNG2021/SGGSC/36459

CERTIFICATE OF TRAINING

This is to certify that "Mr. Shubham Sharma" student of M.Sc. I.T. (4th Semester) Sri Guru Gobind Singh College, Sector- 26, Chandigarh has successfully completed Six Months Project Based Industrial Training in Core and Advanced Java from "March 16, 2021 to June 22, 2021". His overall Performance during the training period was "Good".



(Siddharth Arora)

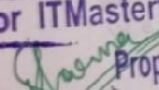
Head-Industrial Training & Software Development Division



TO WHOMSOEVER IT MAY CONCERN

Date: 27 February 2021

This is to certify that Miss. Divya Verma D/O of Mr. Ram Krishan Student of SGGS Sector-26 of M.Sc (IT) Roll no. 17916000279 has undergone a industrial training in Digital Marketing from ITMasterTech from February 2021 to June 2021 on Digital Marketing. During the lockdown period she allowed to work from home and During this period she Handle clients project based on Social Media Marketing. During her training her performance was excellent.

For ITMasterTech

Proprietor

Warm regards,
Vikas Sharma

Head,
ITMasterTech (AMBALA)

#51-A Shankar colony, Jandil, Ambala, Haryana 134003
Contact at : +917988946169



TO WHOMSOEVER IT MAY CONCERN

Date: 25 February 2021

This is to certify that Miss. Sakshi Devi D/O of Mr. Varinder Singh Student of SGGGS Sector-26 of M.Sc (IT) Roll no. 17819002801 has undergone a industrial training in Digital Marketing from ITMasterTech from February 2021 to June 2021 on Digital Marketing. During the lockdown period she allowed to work from home and During this period she Handle clients project based on Social Media Marketing. During her training her performance was excellent.

For ITMasterTech

 **Proprietor**

Warm regards,
Vikas Sharma

Head,
ITMasterTech (AMBALA)



An ISO 9001:2015 CERTIFIED

Oops InfoSolutions Pvt. Ltd.

S.C.O. 112-113, 2nd Floor,
Sector 34-A, Chandigarh
Ph : 0172-5009244, Mobile : 9855222244
Website : www.oopsinfosolution.com
e-mail : info@oopsinfosolution.com

Ref No:- CGF/171/2021

Date : June 30, 2021

Certificate of Completion of Training

It is hereby certified that **Harshvardhan** S/O Chandarkant Sharma, College Roll Number 21810 of Msc(IT), Panjab University, Chandigarh has successfully completed 6 months training in Php Technology started on 15th March 2021 to 30th June 2021 from our esteemed organization under the guidance of Mr. Manjit Singh. He developed project titled 'NGO' in Php Technology.

We wish for his bright future.



Yours Sincerely,

Name : Manjit Singh

Designation : Director

Email ID(Mandatory): info@oopsinfosolution.com

Contact No. (Mandatory): 9855222244,9855222215,01725009244



Technians Softech Pvt Ltd

17th June 2021

To Whom It May Concern

This is to certify that **Ms. Sanjana D/O Shri. Satish Kaushik** student of Sri Guru Gobind Singh College of M.Sc. (IT) having Roll No. 21811 has undergone industrial training on **Web Application** project from **1st February 2021** to **17th June 2021** at **Technians Softech Pvt. Ltd.** Due to current pandemic situation, she was allowed to work from home.

During the training with us, she found inquisitive and hard working in performing all her duties.

We wish her every success in future.

Sincerely,

For Technians Softech Pvt. Ltd.

Authorized Signatory

Authority Signatory
Technians Softech Pvt. Ltd.

Technians Softech Pvt Ltd

549-550, 5th Floor, Tower-B2, Spaze I Tech Park, Sohna Road, Gurgaon, 122018

Phone -0124-4013999

Email: info@technians.com

www.technians.com



CS Soft Solutions (I) Pvt. Ltd.

An ISO 9001 : 2015 & ISO / IEC 27001 : 2013 Certified Company

Ref. No.: CS/PY/MAR21/6m/405

Dated : 31/05/2021

TO,

THE TRAINING & PLACEMENT OFFICER

SRI GURU GOBIND SINGH 26

CHD (PANTAB UNIVERSITY)

SUBJECT: - Confirmation for *Six Weeks/Months*

Industrial Training for B.E / B.Tech / M.E / M.Tech / MCA / BCA / M.Sc / B.Sc / Diploma

Dear Sir / Madam,

CS Soft Solutions (I) Pvt. Ltd. Company has a bright perspective of become professionally responsive to make students equipped with upcoming technologies to match fast growing.

Requirement of industry.

In response to your Ref. No. CS/PY/MAR21/6m/405

I want to certify that HARMANJEET KAUR Student of M.Sc (IT) under University Roll No. 21812 is permitted to do His / Her Training In PYTHON starting from MAR 2021.

CS SOFT SOLUTIONS (I) PVT. LTD.
E-300, Indl. Area, Phase 8-A
Mohali
TRAINING COORDINATOR

Corporate Address :

CS SOFT SOLUTIONS (I) PVT. LTD., E-300, Indl. Area, Phase 8-A, Mohali - 160055, Punjab, Ph. : 9501107986, 9815701003

Email : cs@cssoftsolutions.com | Website : www.cssoftsolutions.com

Head Office :

CS INFOTECH, SCO 2451, IInd Floor, Sector 22-C, Chandigarh, Contact Number : 0172-4017707, 0172-5007164, +91-9815701003

Email : cs@cssoftsolutions.com | Website : www.csknowledgehub.com

**CS Soft Solutions (I) Pvt. Ltd.**

An ISO 9001 : 2015 & ISO / IEC 27001 : 2013 Certified Company

Ref. No.: CS/P/67/FEB21/3093

Dated : 23/6/2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **JYOTI BALA** student of **SRI GURU GOBIND SINGH COLLEGE SECTOR-26 CHANDIGARH (PUNJAB UNIVERSITY)** of **M.Sc(IT)** University Roll No. **66627** and college Roll No. **21813** is undergoing industrial training in our firm **CS SOFT SOLUTIONS INDIA PVT. LTD** from **FEB 2021** to **JUNE 2021** in **PHP**.

During the training She developed a project entitled **CAREHUB**.

During the training her conduct was found to be **EXCELLENT**.

CS SOFT SOLUTIONS (I) PVT. LTD.

E-300, Indl. Area, Phase 8-A

Mohali

TRAINING COORDINATOR

Corporate Address :

CS SOFT SOLUTIONS (I) PVT. LTD., E-300, Indl. Area, Phase 8-A, Mohali - 160055, Punjab, Ph. : 9501107986, 9815701003Email : cs@cssoftsolutions.com | Website : www.cssoftsolutions.com

Head Office :

CS INFOTECH, SCO 2451, 11nd Floor, Sector 22-C, Chandigarh, Contact Number : 0172-4017707, 0172-5007164, +91-9815701003Email : cs@cssoftsolutions.com | Website : www.csknowledgehub.com

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Add



ThinkNEXT Technologies Private Limited

ThinkNEXT™
Innovation at every step...
ISO 9001:2015 Certified Company



Scan and verify your Certificate
Certificate ID:602130
Ref.No. TNT/C-21/5023



ISO Certified



Member of Confederation of Indian Industry



Certificate

Provisional

This Certificate do hereby recognizes that

Shivani Manhas D/o Rajinderpal Singh

has successfully completed Industrial Training Program from

11th February 2021 to 11th June 2021

in Digital Marketing Grade A

For ThinkNEXT Technologies Pvt. Ltd.

Pratik
Authorised Signatory

For ThinkNEXT Technologies Pvt. Ltd.

Munish Mittal
Director

Member Training Division

Director



Corporate Office: S.C.F 113, Phase XI, Mohali (Punjab)

☒ Outstanding 100-90%
 ☒ Excellent 90-80%
 ☒ Very Good 70-60%
 ☒ Good 60-50%
 ☒ Satisfactory 50-40%

**CS Soft Solutions (I) Pvt. Ltd.**

An ISO 9001 : 2015 & ISO / IEC 27001 : 2013 Certified Company

Ref. No.: CS/PGM/Jan21/3080

Dated : 16/06/2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **KAJAL SAINI** student of **SRI GURU GOBIND SINGH COLLEGE SECTOR-26 CHANDIGARH (PUNJAB UNIVERSITY)** of **M.Sc(IT)** Roll No. **66628** is undergoing industrial training in our firm **CS SOFT SOLUTIONS INDIA PVT. LTD** from **JAN 2021** to **JUNE 2021** in **PHP**.

During the training She developed a project entitled **CAREHUB**.

During the training her conduct was found to be **EXCELLENT**.

CS SOFT SOLUTIONS (I) PVT. LTD.E-300, Indl. Area, Phase 8-A,
Mohali.**TRAINING COORDINATOR****Corporate Address :****CS SOFT SOLUTIONS (I) PVT. LTD.,** E-300, Indl. Area, Phase 8-A, Mohali - 160055, Punjab, Ph. : 9501107986, 9815701003Email : cs@cssoftsolutions.com | Website : www.cssoftsolutions.com**Head Office :****CS INFOTECH,** SCO 2451, IInd Floor, Sector 22-C, Chandigarh, Contact Number : 0172-4017707, 0172-5007164, +91-9815701003Email : cs@cssoftsolutions.com | Website : www.csknowledgehub.com



Internship-letter...



Call: +91 97806 14619
www.codeinsects.com

CI/HR/03-10/02

Date: 25st June 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Harish Tiwari S/O Nanda Ballabh Tiwari** a student of **M.SC (IT) of SRI GURU GOBIND SINGH COLLEGE RollNo 21816** has undergone Industrial training in PHP From 1st March-21 to 31st Aug-21. During the lockdown period he allowed work from Home and he developed a project "**Ecommerce Platform**" during his training his conduct was found to be EXCELLENT.

Thanking You
For Code Insects IT. Pvt. Ltd.

Sohit Shukla (H.R. Head)

D-160, Phase -8 Industrial Area, Mohali, Punjab - 160055



Ref. No.

Dated 24/06/2021To Whom It May Concern

This is to certify that **Mr. Ankit Pant S/O Shri. JC Pant** student of **SGGS College, Sector 26 of M.Sc.(IT)** having Roll No. 21817 has undergone industrial training in **PHP Technology** project from **1st Feb 2021 to 23rd June 2021** at **Cybrain Software Solutions Pvt. Ltd.** Due to current pandemic situation, he was allowed to work from home. During the training with us, he was found inquisitive and hardworking in performing all his duties. We wish him every success in future.

Sincerely,

Authority Signatory



Cybrain Software Solutions Pvt. Ltd.

Registered Office
VPO Bundia Tea Estate
Palampur, Distt Kangra,
H.P. 176061
Ph: 0172-4623958

Corporate Office
E - 48, Industrial Area
Phase VIII, SAS Nagar
Mohali, Punjab 160059
Ph: 0172-5053958, 4613958

Branch Office
Site No. 1247, IIIrd Block
BEL Layout, Vidyananyapura
Bengaluru -7, Karnataka
Ph: 080-41131015

Browser tabs: (no subject) - gaviech, Certificate of Gurraj.p, localhost / 127.0.0.1 / x, Home, Word to PDF - Conve, M.Sc-II-Major Project, PG Department of Co, +, -

Address bar: File | C:/Users/Acer/Downloads/Certificate%20of%20Gurraj.pdf

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Page content:

techlive
We Understand Technology

Head Office:
2/92, Phase II Industrial Area, Mohali - 150002
Phone : 9886434314 | 9172-402004
Mail : Contact@techlive.biz

To Whomsoever It May Concern

This is to certify that **"Mr. Gurraj Singh"** of Sri Guru Gobind Singh College, Chandigarh bearing Roll No. 21818, is Undergoing Training Since April 1st, 2021 to till Date at our organization to fulfill the requirements for the award of degree of **Master of Science in Information Technology**. During his tenure with us we found him sincere and hard working.



Regards,
Techlive Solutions
Hewlett Packard Enterprise Education

Website : www.techlive.biz

Taskbar: Certificate of Gurraj.pdf, PRACTICAL EXAM..., IMG_3281.jpg, ONLINE STORE PR..., ONLINE STORE (...docx), ONLINE STORE (...docx), Show all

System tray: 28°C Mostly sunny, 11:34, 26-06-2021



SR. NO: **MST/HR/ 144/21**

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Kartik Kalia S/O Mr. Deep Kumar, student of SGGGS Sector-26 of M.Sc. (I.T) College Roll No 21819 has been working with us as Mern Stack Developer from January 2021 to June 2021 in Mysense Technologies under the supervision of our company. He has taken proper care and show at most sincerity during his working period.

We further certify that this training is up to company expectation.

For Mysense Technologies

Authorized Signatory

(Signature by HR)

Mysense Technologies, D-258, GR Tower, Phase- 8A, Sector 75, Mohali (Pb.), India.



ERP | IT Consulting | Custom Software Development

Date: June 16, 2021

Training Certificate

This is to confirm that **Raghav Moudgill** S/O Mr. Mukesh Kumar, Student of Panjab University, **Masters of Science (Information Technology, Batch 2019- 2021)** having **Roll No 21820**, is completing training of **4th Semester** From April 01st, 2021 To Till Date at **Abaca Systems Private Limited**.

FOR Abaca Systems Private Limited,



Bhavna

Senior HR Executive&TAC



H.O.: SCO 118 - 120, Sector 34 - A, CHANDIGARH
 B.O.: First Floor, Crown Tower, 100 Ft. Road, BATHINDA
 Web: www.infowiz.co.in E-mail : info@infowiz.co.in

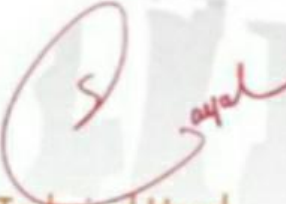


Certificate

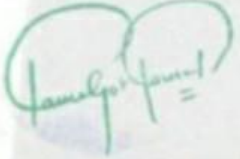
No. INFOWIZ/6M2021/8963

This is certified that ~~Mr.~~ Ms. Sonali Dhiman S/D/o. sh. Raj Kumar
 of S.G.G.S Sec-26 has successfully undergone Training Course Python
 From Jan, 2021 to May, 2021 During the tenure of the above course, we found ~~him~~/her
 a hardworking & innovative individual.

We wish ~~him~~/her a very bright and prosperous future


 Technical Head




 Managing Director

Chandigarh : 0172 4567888, 98885 00888, 98886 00888

Bathinda : 0164 5007088, 90235 00888, 90236 00888

VISUAL MEDIA ACADEMY

TO WHOMSOEVER IT MAY CONCERN

Dated: 24.06.2021

This is to certify that Ms. Rishwant Kaur D/O Sh. Raghvir Singh, Student of SGGGS, Sector 26 of M.Sc. (IT) Class Roll No 21822 and PU Roll No 17513002168 has undergone industrial training in Digital Marketing Course from February 2021 to June 2021 on a project of SEO. During the lockdown period she allowed to work from home and she developed a SEO project. During her training her conduct was found to be EXCELLENT.

Regards,

Vishal Pawar

Manager

Visual Media Academy

Chandigarh

SCO 114-115, SECTOR 34-A, CHANDIGARH PIN:160022
(O) 0172-4613337, 7696300600
INFO@VISUALMEDIA.CO.IN WWW.VISUALMEDIA.CO.IN



SRI GURU GOBIND SINGH COLLEGE

(Co-educational, Affiliated to Panjab University, Chandigarh)

Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/BT/2020-21/001

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Isha Verma of MSc Biotechnology - Semester IV, Roll No. 62331 has undertaken the training (Subject Code :MBIO 405) on Study of EGFR gene in lung cancer in the session 2020-21.

He/She has completed the Project under the guidance of Dr. Varruchi Sharma of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Biotechnology
& Microbial Biotechnology)

Principal



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(Co-educational, Affiliated to Panjab University, Chandigarh)

Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/BT/2020-21/002

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Aanchal Chaudhary of MSc Biotechnology - Semester IV, Roll No. 62321 has undertaken the training (Subject Code :MBIO 405) on ROLE OF MIRNA DEREGLATION AND VARIOUS RISK FACTORS IN CAUSING HEAD AND NECK CANCER in the session 2020-21.

He/She has completed the Project under the guidance of Dr. AMIT JOSHI of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Biotechnology
& Microbial Biotechnology)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGs/BT/2020-21/003

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Shamina of MSc Biotechnology - Semester IV, Roll No. 62346 has undertaken the training (Subject Code :MBIO 405) on Therapeutic uses of Urtica dioica (stinging nettle) in the session 2020-21.

He/She has completed the Project under the guidance of Dr. Navdeep kaur Sidhu of the PG Department of Biotechnology & Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Biotechnology
& Microbial Biotechnology)

Principal



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(Co-educational, Affiliated to Panjab University, Chandigarh)

Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGs/BT/2020-21/004

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Nidhi of MSc Biotechnology - Semester IV, Roll No. 62338 has undertaken the training (Subject Code :MBIO 405) on Role of gut microbiome in health and disease in the session 2020-21.

He/She has completed the Project under the guidance of Kamaljeet kaur of the PG Department of Biotechnology & Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Biotechnology
& Microbial Biotechnology)

Principal



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(Co-educational, Affiliated to Panjab University, Chandigarh)

Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGs/BT/2020-21/005

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Jasleen Kaur of MSc Biotechnology - Semester IV, Roll No. 62333 has undertaken the training (Subject Code :MBIO 405) on Screening and characterization of oil-paint degrading bacteria isolated from paint contaminated water samples in the session 2020-21.

He/She has completed the Project under the guidance of Ms. Damanjeet Kaur of the PG Department of Biotechnology & Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Biotechnology
& Microbial Biotechnology)

Principal



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(Co-educational, Affiliated to Panjab University, Chandigarh)

Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGs/BT/2020-21/006

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Roopam Bishnoi of MSc Biotechnology - Semester IV, Roll No. 62342 has undertaken the training (Subject Code :MBIO 405) on Cancer Incidence and Mortality in India in the session 2020-21.

He/She has completed the Project under the guidance of Dr. Kamaljit kaur of the PG Department of Biotechnology & Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Biotechnology
& Microbial Biotechnology)

Principal



SRI GURU GOBIND SINGH COLLEGE

(Co-educational, Affiliated to Panjab University, Chandigarh)

Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGs/BT/2020-21/007

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Bishakha Thakur of MSc Biotechnology - Semester IV, Roll No. 62326 has undertaken the training (Subject Code :MBIO 405) on Evaluation of antibacterial activity of cordia dichotoma plant extract against antibiotic resistance bacteria isolated from kitchen sinks in the session 2020-21.

He/She has completed the Project under the guidance of Ms. Damanjeet kaur of the PG Department of Biotechnology & Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Biotechnology
& Microbial Biotechnology)

Principal



SRI GURU GOBIND SINGH COLLEGE

(Co-educational, Affiliated to Panjab University, Chandigarh)

Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGs/BT/2020-21/008

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Rupali puri of MSc Biotechnology - Semester IV, Roll No. 62343 has undertaken the training (Subject Code :MBIO 405) on Isolation of yeast from different food sources for the production of ethanol and role of bacillus subtilis bacteria in ethanol in the session 2020-21.

He/She has completed the Project under the guidance of Prof. Rekha of the PG Department of Biotechnology & Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Biotechnology
& Microbial Biotechnology)

Principal



SRI GURU GOBIND SINGH COLLEGE

(Co-educational, Affiliated to Panjab University, Chandigarh)

Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGs/BT/2020-21/009

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Shifali Bhardwaj of MSc Biotechnology - Semester IV, Roll No. 62347 has undertaken the training (Subject Code :MBIO 405) on Production of lipase using Extremophilic bacteria and jatropha oil as carbon source in the session 2020-21.

He/She has completed the Project under the guidance of Mr Amrinder Singh of the PG Department of Biotechnology & Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Biotechnology
& Microbial Biotechnology)

Principal



SRI GURU GOBIND SINGH COLLEGE

(Co-educational, Affiliated to Panjab University, Chandigarh)

Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/BT/2020-21/010

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Damanpreet kaur of MSc Biotechnology - Semester IV, Roll No. 62327 has undertaken the training (Subject Code :MBIO 405) on Molecular docking studies for the identification of a novel inhibitor for ABCC8 gene in the session 2020-21.

He/She has completed the Project under the guidance of Dr. Varruchi Sharma of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Biotechnology
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Principal



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Ref No: SGGS/BT/2020-21/011

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Hardeep kaur of MSc Biotechnology - Semester IV, Roll No. 62330 has undertaken the training (Subject Code :MBIO 405) on In silico designing of a potent ligand molecule against HBB protein implicated in sickle cell anemia in the session 2020-21.

He/She has completed the Project under the guidance of Dr. Var ruchi sharma of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGs/BT/2020-21/012

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Babita Rani of MSc Biotechnology - Semester IV, Roll No. 62325 has undertaken the training (Subject Code :MBIO 405) on To study genetic diversity in bacteria by using different molecular markers in the session 2020-21.

He/She has completed the Project under the guidance of Dr. Satinder Kaur of the PG Department of Biotechnology & Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGs/BT/2020-21/013

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Bishakha Thakur of MSc Biotechnology - Semester IV, Roll No. 62326 has undertaken the training (Subject Code :MBIO 405) on Evaluation of antibacterial activity of cordia dichotoma plant extract against antibiotic resistance bacteria isolated from kitchen sinks. in the session 2020-21.

He/She has completed the Project under the guidance of Ms. Damanjeet kaur of the PG Department of Biotechnology & Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/014

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Ayesha Parveen of MSc Biotechnology - Semester IV, Roll No. 62324 has undertaken the training (Subject Code :MBIO 405) on BACTERIAL ISOLATES FROM WOUNDS AND THEIR ANTIBIOTIC SUSCEPTIBILITY AND RESISTANCE PATTERN: SOME REMARKS ABOUT INFECTED WOUNDS. in the session 2020-21.

He/She has completed the Project under the guidance of Dr. Kamaljeet mam of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/015

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Shivani Rana of MSc Biotechnology - Semester IV, Roll No. 62348 has undertaken the training (Subject Code :MBIO 405) on Evaluation of antibacterial activity of Cassia fistula plant extracts against antibiotic resistant bacteria isolated from cosmetics in the session 2020-21.

He/She has completed the Project under the guidance of Ms. Damanjeet kaur of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/016

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Payal of MSc Biotechnology - Semester IV, Roll No. 62340 has undertaken the training (Subject Code :MBIO 405) on Isolation of antibiotic producing bacteria from soil in the session 2020-21.

He/She has completed the Project under the guidance of Prof. Rekha of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/017

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Sezal of MSc Biotechnology - Semester IV, Roll No. 62345 has undertaken the training (Subject Code :MBIO 405) on An insilico approach towards breast cancer using PTEN as a target in the session 2020-21.

He/She has completed the Project under the guidance of Dr. Varruchi sharma of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/018

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Damini Rana of MSc Biotechnology - Semester IV, Roll No. 62328 has undertaken the training (Subject Code :MBIO 405) on Evaluation of antimicrobial activity of two species of Bauhinia in the session 2020-21.

He/She has completed the Project under the guidance of Dr. Navdeep kaur Sidhu of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/019

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Karan tanwar of MSc Biotechnology - Semester IV, Roll No. 62334 has undertaken the training (Subject Code :MBIO 405) on Comparative analysis of mango plant diseases in the session 2020-21.

He/She has completed the Project under the guidance of Dr. Sonia batta of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGs/BT/2020-21/020

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Neha Sharma of MSc Biotechnology - Semester IV, Roll No. 62337 has undertaken the training (Subject Code :MBIO 405) on Identification and characterization of ligand binding to RAS gene involved in breast cancer, lung cancer and myelodysplastic syndrome in the session 2020-21.

He/She has completed the Project under the guidance of Dr. Var Ruchi Sharma of the PG Department of Biotechnology & Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGs/BT/2020-21/021

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Gagandeep of MSc Biotechnology - Semester IV, Roll No. 62329 has undertaken the training (Subject Code :MBIO 405) on Discriptive Epidemiology and Risk Factors for Head And Neck Cancer in the session 2020-21.

He/She has completed the Project under the guidance of Dr. Kamaljit Kaur of the PG Department of Biotechnology & Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/022

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Sweety of MSc Biotechnology - Semester IV, Roll No. 62352 has undertaken the training (Subject Code :MBIO 405) on Production of ethanol from cassava pulp in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navdeep kaur of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGs/BT/2020-21/023

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Navneet Kaur Sohal of MSc Biotechnology - Semester IV, Roll No. 62336 has undertaken the training (Subject Code :MBIO 405) on To Study Probiotics and Probiotic Bacteria in the session 2020-21.

He/She has completed the Project under the guidance of Ms. Rekha Daroch of the PG Department of Biotechnology & Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/024

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Priyanka kaur of MSc Biotechnology - Semester IV, Roll No. 62341 has undertaken the training (Subject Code :MBIO 405) on Antimicrobial activity of Cinnamomum tamala in the session 2020-21.

He/She has completed the Project under the guidance of Prof. Rekha of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/025

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Tanvi Sharma of MSc Biotechnology - Semester IV, Roll No. 62353 has undertaken the training (Subject Code :MBIO 405) on Docking studies on In-silico designed lead molecule for inhibition of Mef 2 A gene having implication in Coronary Artery Disease in the session 2020-21.

He/She has completed the Project under the guidance of Dr.Varruchi Sharma of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/026

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Smita kumari of MSc Biotechnology - Semester IV, Roll No. 62349 has undertaken the training (Subject Code :MBIO 405) on Comparison of antimutagenic properties of different strains of lactic acid bacteria against various mutagens. in the session 2020-21.

He/She has completed the Project under the guidance of Dr. Satinder Kaur of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGs/BT/2020-21/027

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Parul of MSc Biotechnology - Semester IV, Roll No. 62339 has undertaken the training (Subject Code :MBIO 405) on Stem Cell Technology to Cure Eye Disease in the session 2020-21.

He/She has completed the Project under the guidance of Dr. Kamaljit Kaur of the PG Department of Biotechnology & Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/028

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Vandna of MSc Biotechnology - Semester IV, Roll No. 62354 has undertaken the training (Subject Code :MBIO 405) on Development and clinical evaluation of dendritic cell vaccine for Hpv related cervical cancer in the session 2020-21.

He/She has completed the Project under the guidance of Dr.kamaljit kaur of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGs/BT/2020-21/029

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Gagandeep of MSc Biotechnology - Semester IV, Roll No. 62329 has undertaken the training (Subject Code :MBIO 405) on Head and Neck Cancer: Epidemiology, Diagnosis and Treatment in the session 2020-21.

He/She has completed the Project under the guidance of Dr. Kamaljit Kaur of the PG Department of Biotechnology & Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/030

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Achita Chawla of MSc Biotechnology - Semester IV, Roll No. 62322 has undertaken the training (Subject Code :MBIO 405) on To study Metabolomics for biomarker discovery in the session 2020-21.

He/She has completed the Project under the guidance of Dr.Amit Joshi of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGs/BT/2020-21/031

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Sahil kaushik of MSc Biotechnology - Semester IV, Roll No. 62344 has undertaken the training (Subject Code :MBIO 405) on A study on Adipose derived stem cell therapy for bone regeneration. in the session 2020-21.

He/She has completed the Project under the guidance of Dr. Amit joshi of the PG Department of Biotechnology & Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/032

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Jasbir Kaur of MSc Biotechnology - Semester IV, Roll No. 62332 has undertaken the training (Subject Code :MBIO 405) on Symptomatic and molecular identification of fungal disease of mango in the session 2020-21.

He/She has completed the Project under the guidance of Dr. Sonia chaman of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/033

Date: 23-07-2021

To Whom It May Concern

This is to certify that Mr/Ms Ankita Rana of MSc Biotechnology - Semester IV, Roll No. 62323 has undertaken the training (Subject Code :MBIO 405) on Identification and Purification of Antioxidant Compounds from the Leaves of Moringa oleifera (Shobhanjana) in the session 2020-21.

He/She has completed the Project under the guidance of Mr. Amrinder Singh of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/034

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms Nancy bhardwaj of MSc Microbial Biotechnology Semester IV, Roll No. 62335 has undertaken the training (Subject Code : MBT 402) on Identification and purification of antibacterial compounds from leaves leaves of pithecellobium dulce in the session 2020-21.

He/She has completed the Project under the guidance of Mr Amrinder Singh of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/035

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms Swati Jhinkwan of MSc Microbial Biotechnology Semester IV, Roll No. 62351 has undertaken the training (Subject Code : MBT 402) on In Silico prediction, Characterization , Molecular Docking Studies for the Identification of Inhibitor for Alzheimer's Disease. in the session 2020-21.

He/She has completed the Project under the guidance of Dr. Varruchi Sharma of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/036

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms Supriya saini of MSc Microbial Biotechnology Semester IV, Roll No. 62350 has undertaken the training (Subject Code : MBT 402) on Molecular docking studies on in silico designed lead molecule inhibiting p53 gene in cervical cancer in the session 2020-21.

He/She has completed the Project under the guidance of Dr. Varuchi sharma of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGs/BT/2020-21/037

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms Gagandeep of MSc Microbial Biotechnology Semester IV, Roll No. 62329 has undertaken the training (Subject Code : MBT 402) on Mucormycosis in the session 2020-21.

He/She has completed the Project under the guidance of Dr. Varuchi Sir of the PG Department of Biotechnology & Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/038

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms Garima Rani of MSc Microbial Biotechnology Semester IV, Roll No. 63494 has undertaken the training (Subject Code : MBT 402) on isolation, identification and characterisation of amylase producing bacteria from hot springs in the session 2020-21.

He/She has completed the Project under the guidance of Mr. amrinder singh of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/039

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms Shivani Sharma of MSc Microbial Biotechnology Semester IV, Roll No. 63502 has undertaken the training (Subject Code : MBT 402) on Therapeutic potentials of Exopolysachhride isolated from different fungal species in the session 2020-21.

He/She has completed the Project under the guidance of Dr. Satinder Kaur of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/040

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms Aakshi Katoch of MSc Microbial Biotechnology Semester IV, Roll No. 63482 has undertaken the training (Subject Code : MBT 402) on To study the Probiotic Lactic Acid Bacteria isolated from different milk sources. in the session 2020-21.

He/She has completed the Project under the guidance of Dr. Sonia Batta of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGs/BT/2020-21/041

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms Amandeep kaur of MSc Microbial Biotechnology Semester IV, Roll No. 63486 has undertaken the training (Subject Code : MBT 402) on Inbition potential of phytochemicals obtained from different plants for biofolm of Staphylococcus aureus in the session 2020-21.

He/She has completed the Project under the guidance of Dr.Satinder kaur of the PG Department of Biotechnology & Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/042

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms Ritika Dogra of MSc Microbial Biotechnology Semester IV, Roll No. 63501 has undertaken the training (Subject Code : MBT 402) on Identification and purification of antibacterial compounds from Rannunculus laetus against bacterial species. in the session 2020-21.

He/She has completed the Project under the guidance of Mr. Amrinder Singh of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/043

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms Ashima Bharti of MSc Microbial Biotechnology Semester IV, Roll No. 63488 has undertaken the training (Subject Code : MBT 402) on Potency of Soil Bacteria of Packaging Industry for B-Amylase Production and Biodegradation of Brewery Effluent in the session 2020-21.

He/She has completed the Project under the guidance of Ms Damanjeet Kaur of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/044

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms Deepika of MSc Microbial Biotechnology Semester IV, Roll No. 63491 has undertaken the training (Subject Code : MBT 402) on Bioremediation of soil artificially contaminated with crude oil using animal waste in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navdeep kaur of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Biotechnology
& Microbial Biotechnology)

Principal



SRI GURU GOBIND SINGH COLLEGE

(Co-educational, Affiliated to Panjab University, Chandigarh)

Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/BT/2020-21/045

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms Dhriti Shukla of MSc Microbial Biotechnology Semester IV, Roll No. 63942 has undertaken the training (Subject Code : MBT 402) on Significance of optimally produced laccase in biodegradation of crop residues in the session 2020-21.

He/She has completed the Project under the guidance of Ms Damanjeet Kaur of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Biotechnology
& Microbial Biotechnology)

Principal



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Ref No: SGGS/BT/2020-21/046

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms ANNU GEORGE of MSc Microbial Biotechnology Semester IV, Roll No. 63487 has undertaken the training (Subject Code : MBT 402) on Single Cell Oil Production By Rhodotorula Glutinis Using Various Substrates As Biodiesel Feedstock in the session 2020-21.

He/She has completed the Project under the guidance of Dr. SATINDER KAUR of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

Head of Department
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& Microbial Biotechnology)

Principal



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Ref No: SGGS/BT/2020-21/047

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms Champa thakur of MSc Microbial Biotechnology Semester IV, Roll No. 63490 has undertaken the training (Subject Code : MBT 402) on In vitro antimicrobial activity of Some medicinal plants against human pathogenic bacteria in the session 2020-21.

He/She has completed the Project under the guidance of Dr. Navdeep Sandhu of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

Head of Department
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Ref No: SGGS/BT/2020-21/048

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms Akanksha Saini of MSc Microbial Biotechnology Semester IV, Roll No. 64075 has undertaken the training (Subject Code : MBT 402) on Study of biodegradation of bioplastics by microbes. in the session 2020-21.

He/She has completed the Project under the guidance of Dr. Sonia Batta of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

Head of Department
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& Microbial Biotechnology)

Principal



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Ref No: SGGS/BT/2020-21/049

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms Tanika Mahajan of MSc Microbial Biotechnology Semester IV, Roll No. 63505 has undertaken the training (Subject Code : MBT 402) on Manganese peroxidase production and bio remediation of coffee effluent by soil bacteria near palm trees in the session 2020-21.

He/She has completed the Project under the guidance of Ms Damanjeet kaur of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/050

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms Aditi of MSc Microbial Biotechnology Semester IV, Roll No. 63483 has undertaken the training (Subject Code : MBT 402) on Xylanase production for fruit juice clarification by soil bacteria of paper and pulp industry in the session 2020-21.

He/She has completed the Project under the guidance of Ms Damanjeet kaur of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGs/BT/2020-21/051

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms PRIYA of MSc Microbial Biotechnology Semester
IV, Roll No. 32830 has undertaken the training (Subject Code : MBT 402) on
Comparative study of different types of industrial wastewater treatment & its
Physiochemical characteristics in the session 2020-21.

He/She has completed the Project under the guidance of Dr. Sonia Mam of the PG
Department of Biotechnology & Microbial Biotechnology, SGGs College, Sector-
26, Chandigarh.

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Ref No: SGGS/BT/2020-21/052

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms AAKRITI of MSc Microbial Biotechnology Semester IV, Roll No. 63481 has undertaken the training (Subject Code : MBT 402) on Bioremediation of Abattoir Effluent and Keratinase Production by Soil Bacteria of Limestone Quarry in the session 2020-21.

He/She has completed the Project under the guidance of Ms Damanjeet Kaur of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/053

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms Deepika of MSc Microbial Biotechnology Semester IV, Roll No. 63491 has undertaken the training (Subject Code : MBT 402) on Bioremediation of soil artificially contaminated with crude oil using animal waste in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navdeep kaur of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGs/BT/2020-21/054

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms Sonia Kayath of MSc Microbial Biotechnology Semester IV, Roll No. 63503 has undertaken the training (Subject Code : MBT 402) on Cultivation And Nutritional Analysis Of Oyster Mushroom (Pleurotus Ostreatus) Using Secondary Agriculture Waste As A Substrate in the session 2020-21.

He/She has completed the Project under the guidance of Mr Amrinder singh of the PG Department of Biotechnology & Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

Head of Department
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Ref No: SGGs/BT/2020-21/055

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms Nisha Rawat of MSc Microbial Biotechnology Semester IV, Roll No. 64088 has undertaken the training (Subject Code : MBT 402) on Antimicrobial activity of Aegle marmelos in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navdeep sindhu of the PG Department of Biotechnology & Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGs/BT/2020-21/056

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms Medha batra of MSc Microbial Biotechnology Semester IV, Roll No. 64086 has undertaken the training (Subject Code : MBT 402) on Comparative study of bacteriocin producing species in the session 2020-21.

He/She has completed the Project under the guidance of Dr Sonia batta of the PG Department of Biotechnology & Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/057

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms sumedha chauhan of MSc Microbial Biotechnology Semester IV, Roll No. 63504 has undertaken the training (Subject Code : MBT 402) on Comparative Effects of Different Types of Biochar on Growth and uptake of Nutrients by Maize (Zea Mays) in the session 2020-21.

He/She has completed the Project under the guidance of Dr Satinder kaur of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGs/BT/2020-21/058

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms Priyanka of MSc Microbial Biotechnology Semester IV, Roll No. 63500 has undertaken the training (Subject Code : MBT 402) on Evaluation of Antibacterial Activity of plant extract for antibiotic resistance bacteria isolated from expired Drugs in the session 2020-21.

He/She has completed the Project under the guidance of Mrs. Navdeep sidhu of the PG Department of Biotechnology & Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGs/BT/2020-21/059

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms Avni of MSc Microbial Biotechnology Semester IV, Roll No. 63489 has undertaken the training (Subject Code : MBT 402) on SARS-CoV-2 and Gut Microbiota, Are they Interlinked? in the session 2020-21.

He/She has completed the Project under the guidance of Dr. Satinder Kaur of the PG Department of Biotechnology & Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/060

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms Navneet kaur of MSc Microbial Biotechnology Semester IV, Roll No. 63497 has undertaken the training (Subject Code : MBT 402) on Screening of extremophilic bacteria for production of bacterial lipase using different oils as carbon source in the session 2020-21.

He/She has completed the Project under the guidance of Mr Amrinder singh of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/061

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms GAGANDEEP KAUR of MSc Microbial Biotechnology Semester IV, Roll No. 64083 has undertaken the training (Subject Code : MBT 402) on Isolation and Characterization of Microorganisms in Industrial Effluents in the session 2020-21.

He/She has completed the Project under the guidance of Ms NAVDEEP KAUR of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/062

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms Jasneet Kaur of MSc Microbial Biotechnology Semester IV, Roll No. 63495 has undertaken the training (Subject Code : MBT 402) on Antibacterial Activity Of Sweet Orange (Citrus Sinensis) On Staphylococcus Aureus and Escherichia Coli Isolated from Wound Infected in the session 2020-21.

He/She has completed the Project under the guidance of Mr. Amrinder Singh of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGS/BT/2020-21/063

Date: 02-08-2021

To Whom It May Concern

This is to certify that Mr/Ms Aditya Prakash of MSc Microbial Biotechnology Semester IV, Roll No. 64074 has undertaken the training (Subject Code : MBT 402) on Bioflavor production from orange peel hydrolysate using immobilized Saccharomyces cerevisiae in the session 2020-21.

He/She has completed the Project under the guidance of Mr Amrinder Singh of the PG Department of Biotechnology & Microbial Biotechnology, SGGS College, Sector-26, Chandigarh.

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Member of Indian Fertility Society (IFS)

ORG/2021/BMGTB -32

Dated: 09/06/2021

CERTIFICATE OF TRAINING EXPERIENCE

This is to certify that MS. SHWETA KUSHAN, Graduate student (Final semester), Department of Biotechnology, Sri Guru Gobind Singh College, Sector 26, Chandigarh, has completed the training program on "Biochemical & Molecular Genetics Techniques and Bioinformatics" from 27.04.2021 to 09.06.2021 (Forty Five Days). This training program has been designed under the "Research & Training Program" at Origin Life Healthcare Solutions and Research Centre, Chandigarh.

She has been well trained with the following laboratory works:

Wet Laboratory Work

1. Demonstration of Blood Collection Methods
2. Isolation & Storage of Serum Samples
3. Biochemistry Analysis of Serum/Blood Samples
4. Hormone Analysis through Microplate Reader (ELISA)
5. Preparation of Stock and Working Solution for DNA Isolation
6. DNA Isolation from Whole Blood, Buccal Epithelial Cells.
7. Agarose Gel Electrophoresis
8. Polymerase Chain Reaction (PCR)
9. Restriction Fragment Length Polymorphism (PCR-RFLP)

Bioinformatics & Statistical Tools

1. Selection of Targeted Gene and Mutation by Bioinformatics Tools (NCBI-BLAST, Ensembl etc.)
2. Primer Designing
3. Genetic Data Analysis through PLINK and HAPLOVIEW software.

Other activities

Apart from the laboratory work, she has also learned basic of research paper writing and literature review.

She is sincere, honest and hardworking young scholar and bears good moral character.

Origin Life wishes all the success in her future endeavours.


Dr. Pulakesh Purkait



Origin LIFE Healthcare Solutions & Research Centre LLP.

SCO 181, First Floor, Sector 38 C & D, Chandigarh

+91 8968302334 : 0172 4086204

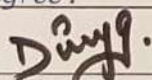
Email: info.originlife@gmail.com ; originlife2019@gmail.com Web: www.originlife.in

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G-2, Kailash Colony, New Delhi-110048

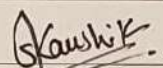
Email: inbit.director@gmail.com

Website: www.inbit.in

**INDIAN
BIOSCIENCES**
DNA TESTING SIMPLIFIED**CERTIFICATE FOR TRAINING**This certificate is awarded to Mr. Kanhaiya Kumar ByahutStudent of Sri Guru Gobind Singh College, Chandigarh onsuccessful completion of Training Programme from 04th June'19 to 05th July'19.This certificate is being issued on successful completion of Summer Training
In Advanced Molecular Biology Techniquesunder the supervision of Mr. Sahil Kaushik. The workembodied in the Training is up to the mark and satisfactory for B.Sc. Biotechnology(H)Degree.

Director, Indian Biosciences

Dr. Divya Jaiswal



Training Manager

Mr. Sahil Kaushik

ORG/2021/BMGTB -31

Dated: 09/06/2021

CERTIFICATE OF TRAINING EXPERIENCE

This is to certify that **MS. SUPREETY BHALLA**, Graduate student (Final semester), Department of Biotechnology, Sri Guru Gobind Singh College, Sector 26, Chandigarh, has completed the training program on **"Biochemical & Molecular Genetics Techniques and Bioinformatics"** from **27.04.2021 to 09.06.2021 (Forty Five Days)**. This training program has been designed under the **"Research & Training Program"** at Origin Life Healthcare Solutions and Research Centre, Chandigarh.

She has been well trained with the following laboratory works:

Wet Laboratory Work

1. Demonstration of Blood Collection Methods
2. Isolation & Storage of Serum Samples
3. Biochemistry Analysis of Serum/Blood Samples
4. Hormone Analysis through Microplate Reader (ELISA)
5. Preparation of Stock and Working Solution for DNA Isolation
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7. Agarose Gel Electrophoresis
8. Polymerase Chain Reaction (PCR)
9. Restriction Fragment Length Polymorphism (PCR-RFLP)

Bioinformatics & Statistical Tools

1. Selection of Targeted Gene and Mutation by Bioinformatics Tools (NCBI-BLAST, Ensembl etc.)
2. Primer Designing
3. Genetic Data Analysis through PLINK and HAPLOVIEW software.

Other activities

Apart from the laboratory work, she has also learned basic of research paper writing and literature review.

She is sincere, honest and hardworking young scholar and bears good moral character.

Origin Life wishes all the success in her future endeavours.


Dr. Pulakes Purkait

"Aspire to Live a Healthy Life"

ORG/2021/BMGTB -30

Dated: 09/06/2021

CERTIFICATE OF TRAINING EXPERIENCE

This is to certify that **MS. SANJANA KUMARI**, Graduate student (Final semester), Department of Biotechnology, Sri Guru Gobind Singh College, Sector 26, Chandigarh, has completed the training program on **"Biochemical & Molecular Genetics Techniques and Bioinformatics"** from **27.04.2021 to 09.06.2021 (Forty Five Days)**. This training program has been designed under the **"Research & Training Program"** at Origin Life Healthcare Solutions and Research Centre, Chandigarh.

She has been well trained with the following laboratory works:

Wet Laboratory Work

1. Demonstration of Blood Collection Methods
2. Isolation & Storage of Serum Samples
3. Biochemistry Analysis of Serum/Blood Samples
4. Hormone Analysis through Microplate Reader (ELISA)
5. Preparation of Stock and Working Solution for DNA Isolation
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7. Agarose Gel Electrophoresis
8. Polymerase Chain Reaction (PCR)
9. Restriction Fragment Length Polymorphism (PCR-RFLP)

Bioinformatics & Statistical Tools

1. Selection of Targeted Gene and Mutation by Bioinformatics Tools (NCBI-BLAST, Ensembl etc.)
2. Primer Designing
3. Genetic Data Analysis through PLINK and HAPLOVIEW software.

Other activities

Apart from the laboratory work, she has also learned basic of research paper writing and literature review.

She is sincere, honest and hardworking young scholar and bears good moral character.

Origin Life wishes all the success in her future endeavours.


Dr. Pulakesh Purkait

ORG/2021/BMGTB -33

Dated: 09/06/2021

CERTIFICATE OF TRAINING EXPERIENCE

This is to certify that MS. TSERING CHUSKIT, Graduate student (Final semester), Department of Biotechnology, Sri Guru Gobind Singh College, Sector 26, Chandigarh, has completed the training program on "Biochemical & Molecular Genetics Techniques and Bioinformatics" from 27.04.2021 to 09.06.2021 (Forty Five Days). This training program has been designed under the "Research & Training Program" at Origin Life Healthcare Solutions and Research Centre, Chandigarh.

She has been well trained with the following laboratory works:

Wet Laboratory Work

1. Demonstration of Blood Collection Methods
2. Isolation & Storage of Serum Samples
3. Biochemistry Analysis of Serum/Blood Samples
4. Hormone Analysis through Microplate Reader (ELISA)
5. Preparation of Stock and Working Solution for DNA Isolation
6. DNA Isolation from Whole Blood, Buccal Epithelial Cells.
7. Agarose Gel Electrophoresis
8. Polymerase Chain Reaction (PCR)
9. Restriction Fragment Length Polymorphism (PCR-RFLP)

Bioinformatics & Statistical Tools

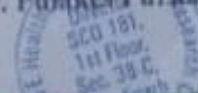
1. Selection of Targeted Gene and Mutation by Bioinformatics Tools (NCBI-BLAST, Ensembl etc.)
2. Primer Designing
3. Genetic Data Analysis through PLINK and HAPLOVIEW software.

Other activities

Apart from the laboratory work, she has also learned basic of research paper writing and literature review.

She is sincere, honest and hardworking young scholar and bears good moral character.

Origin Life wishes all the success in her future endeavours.


Dr. Pulakes Purkait

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Email: inbit.director@gmail.comWebsite: www.inbit.in**CERTIFICATE FOR TRAINING**This certificate is awarded to Miss. EktaStudent of Sri Guru Gobind Singh College, Chandigarh on
successful completion of Training Programme from 04th June'19 to 05th July'19.This certificate is being issued on successful completion of Summer Training
In Basic Molecular Biology Techniquesunder the supervision of Mr. Sahil Kaushik. The workembodied in the Training is up to the mark and satisfactory for B.Sc. Biotechnology(H)Degree.

Director, Indian Biosciences

Dr. Divya Jaiswal



Training Manager

Mr. Sahil Kaushik



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Ref No: SGGs/BT/2020-21/064

Date: 05-08-2021

To Whom It May Concern

This is to certify that Mr/Ms ANIKET of BSc Biotechnology (Hons.)- V Semester, Roll No. 9514 has undertaken the training (Subject Code: BIOT-V-V-P) on Different Techniques in Biotechnology in the session 2020-21.

He/She has completed the Project under the guidance of Dr Satinder Kaur of the PG Department of Biotechnology and Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

Head of Department
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and Microbial Biotechnology)

Principal



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Ref No: SGGs/BT/2020-21/065

Date: 05-08-2021

To Whom It May Concern

This is to certify that Mr/Ms APOORVA of BSc Biotechnology (Hons.)- V Semester, Roll No. 9508 has undertaken the training (Subject Code: BIOT-V-V-P) on PCR, ELISA, Integrated pest management in the session 2020-21.

He/She has completed the Project under the guidance of Dr Satinder Kaur of the PG Department of Biotechnology and Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGs/BT/2020-21/066

Date: 05-08-2021

To Whom It May Concern

This is to certify that Mr/Ms ARCHANA VERMA of BSc Biotechnology (Hons.)- V Semester, Roll No. 9502 has undertaken the training (Subject Code: BIOT-V-V-P) on Mass Spectrometry, Gel Electrophoresis, Centrifugation , NCBI ORF FINDER in the session 2020-21.

He/She has completed the Project under the guidance of Dr Satinder Kaur of the PG Department of Biotechnology and Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGs/BT/2020-21/067

Date: 05-08-2021

To Whom It May Concern

This is to certify that Mr/Ms DIKSHANT SHARMA of BSc Biotechnology (Hons.)- V Semester, Roll No. 9515 has undertaken the training (Subject Code: BIOT-V-V-P) on DNA isolation from blood and preparation of reagents for DNA isolation in the session 2020-21.

He/She has completed the Project under the guidance of Dr Satinder Kaur of the PG Department of Biotechnology and Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

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and Microbial Biotechnology)

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(Co-educational, Affiliated to Panjab University, Chandigarh)

Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGs/BT/2020-21/068

Date: 05-08-2021

To Whom It May Concern

This is to certify that Mr/Ms KUSUM GAURA of BSc Biotechnology (Hons.)- V Semester, Roll No. 9507 has undertaken the training (Subject Code: BIOT-V-V-P) on Hybridoma Technique in the session 2020-21.

He/She has completed the Project under the guidance of Dr Sonia Batta of the PG Department of Biotechnology and Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Biotechnology
and Microbial Biotechnology)

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Ref No: SGGs/BT/2020-21/069

Date: 05-08-2021

To Whom It May Concern

This is to certify that Mr/Ms LOUREMBAM MICHAEL SINGH of BSc Biotechnology (Hons.)- V Semester, Roll No. 9510 has undertaken the training (Subject Code: BIOT-V-V-P) on Advanced Molecular Biology Techniques in the session 2020-21.

He/She has completed the Project under the guidance of Dr Sonia Batta of the PG Department of Biotechnology and Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Biotechnology
and Microbial Biotechnology)

Principal



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Ref No: SGGs/BT/2020-21/070

Date: 05-08-2021

To Whom It May Concern

This is to certify that Mr/Ms MOHIT PARKASH of BSc Biotechnology (Hons.)- V Semester, Roll No. 9509 has undertaken the training (Subject Code: BIOT-V-V-P) on Sterization techniques of media and production of wine/bear in the session 2020-21.

He/She has completed the Project under the guidance of Dr Sonia Batta of the PG Department of Biotechnology and Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Biotechnology
and Microbial Biotechnology)

Principal



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Ref No: SGGs/BT/2020-21/071

Date: 05-08-2021

To Whom It May Concern

This is to certify that Mr/Ms ISHIKA SAINI of BSc Biotechnology (Hons.)- V Semester, Roll No. 9501 has undertaken the training (Subject Code: BIOT-V-V-P) on Production of Vitamin B12 in the session 2020-21.

He/She has completed the Project under the guidance of Dr Sonia Batta of the PG Department of Biotechnology and Microbial Biotechnology, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Biotechnology
and Microbial Biotechnology)

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Ref No: SGGs/CS/2020-21/045

Date: 27-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Yash Kumar Singh of MSc – IT- 1st Semester, Roll No. 21601 has undertaken the Minor/Major Project (Subject Code: MS-63) on Electricity Bill Payment System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Neha Saini of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/046

Date: 27-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Akshay Kumar of MSc – IT- 1st Semester, Roll No. 21602 has undertaken the Minor/Major Project (Subject Code: MS-63) on The Moonlight Café in Shell Programming in the session 2020-21.

He/She has completed the Project under the guidance of Ms Neha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/047

Date: 27-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Muskaan of MSc – IT- 1st Semester, Roll No. 21603 has undertaken the Minor/Major Project (Subject Code: MS-63) on Employee Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Neha Saini of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
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Principal



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Ref No: SGGs/CS/2020-21/048

Date: 27-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Rahul kumar of MSc – IT- 1st Semester, Roll No. 21604 has undertaken the Minor/Major Project (Subject Code: MS-63) on Flight Reservation in the session 2020-21.

He/She has completed the Project under the guidance of Ms Neha Saini of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
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Ref No: SGGS/CS/2020-21/049

Date: 27-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Sourav Maurya of MSc – IT- 1st Semester, Roll No. 21605 has undertaken the Minor/Major Project (Subject Code: MS-63) on Hungry Point in the session 2020-21.

He/She has completed the Project under the guidance of Ms Neha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
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Principal



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Ref No: SGGs/CS/2020-21/050

Date: 27-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Vivek mattu of MSc – IT- 1st Semester, Roll No. 21606 has undertaken the Minor/Major Project (Subject Code: MS-63) on Flight Reservation in the session 2020-21.

He/She has completed the Project under the guidance of Ms Neha Saini of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
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Ref No: SGGs/CS/2020-21/051

Date: 27-01-2021

To Whom It May Concern

This is to certify that Mr/Ms GURPREET KAUR of MSc – IT- 1st Semester, Roll No. 21607 has undertaken the Minor/Major Project (Subject Code: MS-63) on The Moonlight Café in Shell Programming in the session 2020-21.

He/She has completed the Project under the guidance of Ms Neha Saini of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
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Ref No: SGGS/CS/2020-21/052

Date: 27-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Simranjeet Kaur of MSc – IT- 1st Semester, Roll No. 21608 has undertaken the Minor/Major Project (Subject Code: MS-63) on Hungry Point in the session 2020-21.

He/She has completed the Project under the guidance of Ms Neha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGS/CS/2020-21/053

Date: 27-01-2021

To Whom It May Concern

This is to certify that Mr/Ms ajay of MSc – IT- 1st Semester, Roll No. 21609 has undertaken the Minor/Major Project (Subject Code: MS-63) on File Encrypter and Decrypter in Linux in the session 2020-21.

He/She has completed the Project under the guidance of Ms Neha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/054

Date: 27-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Aditya thakur of MSc – IT- 1st Semester, Roll No. 21610 has undertaken the Minor/Major Project (Subject Code: MS-63) on Library Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Neha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/055

Date: 27-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Nisha Thakur of MSc – IT- 1st Semester, Roll No. 21611 has undertaken the Minor/Major Project (Subject Code: MS-63) on Library Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Neha Saini of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
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Ref No: SGGs/CS/2020-21/056

Date: 27-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Navneet of MSc – IT- 1st Semester, Roll No. 21612 has undertaken the Minor/Major Project (Subject Code: MS-63) on Hotel Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Neha Saini of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

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Ref No: SGGS/CS/2020-21/057

Date: 27-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Mir Abdulahad of MSc – IT- 1st Semester, Roll No. 21613 has undertaken the Minor/Major Project (Subject Code: MS-63) on Doctor Appointment System in Shell Programming in the session 2020-21.

He/She has completed the Project under the guidance of Ms Neha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

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Ref No: SGGs/CS/2020-21/058

Date: 27-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Sachin of MSc – IT- 1st Semester, Roll No. 21614 has undertaken the Minor/Major Project (Subject Code: MS-63) on File Encrypter and Decrypter in Linux in the session 2020-21.

He/She has completed the Project under the guidance of Ms Neha Saini of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
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Ref No: SGGS/CS/2020-21/059

Date: 27-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Kanika Arora of MSc – IT- 1st Semester, Roll No. 21615 has undertaken the Minor/Major Project (Subject Code: MS-63) on Hotel Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Neha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
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Ref No: SGGs/CS/2020-21/060

Date: 27-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Ghulam Mustafa of MSc – IT- 1st Semester, Roll No. 21616 has undertaken the Minor/Major Project (Subject Code: MS-63) on Doctor Appointment System in Shell Programming in the session 2020-21.

He/She has completed the Project under the guidance of Ms Neha Saini of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
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Principal



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Ref No: SGGS/CS/2020-21/061

Date: 27-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Sanjana of MSc – IT- 1st Semester, Roll No. 21617 has undertaken the Minor/Major Project (Subject Code: MS-63) on 8 - Puzzle Game in the session 2020-21.

He/She has completed the Project under the guidance of Ms Neha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/062

Date: 27-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Rueen Abi of MSc – IT- 1st Semester, Roll No. 21618 has undertaken the Minor/Major Project (Subject Code: MS-63) on Doctor Appointment System in Shell Programming in the session 2020-21.

He/She has completed the Project under the guidance of Ms Neha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
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Ref No: SGG/CS/2020-21/063

Date: 27-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Gurdeep Singh of MSc – IT- 1st Semester, Roll No. 21619 has undertaken the Minor/Major Project (Subject Code: MS-63) on Hotel Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Neha Saini of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/064

Date: 27-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Shreya Thakur of MSc – IT- 1st Semester, Roll No. 21620 has undertaken the Minor/Major Project (Subject Code: MS-63) on The Moonlight Café in Shell Programming in the session 2020-21.

He/She has completed the Project under the guidance of Ms Neha Saini of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/065

Date: 27-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Sushant Mor of MSc – IT- 1st Semester, Roll No. 21621 has undertaken the Minor/Major Project (Subject Code: MS-63) on The Moonlight Café in Shell Programming in the session 2020-21.

He/She has completed the Project under the guidance of Ms Neha Saini of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
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Ref No: SGGs/CS/2020-21/066

Date: 28-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Yash kumar singh of MSc – IT- 1st Semester, Roll No. 21601 has undertaken the Minor/Major Project (Subject Code: MS-64) on Merge Sort in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/067

Date: 28-01-2021

To Whom It May Concern

This is to certify that Mr/Ms AKSHAY KUMAR of MSc – IT- 1st Semester, Roll No. 21602 has undertaken the Minor/Major Project (Subject Code: MS-64) on Graph Coloring Using Backtracking in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/068

Date: 28-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Muskaan of MSc – IT- 1st Semester, Roll No. 21603 has undertaken the Minor/Major Project (Subject Code: MS-64) on Quick Sort in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
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Ref No: SGGs/CS/2020-21/069

Date: 28-01-2021

To Whom It May Concern

This is to certify that Mr/Ms RAHUL KUMAR of MSc – IT- 1st Semester, Roll No. 21604 has undertaken the Minor/Major Project (Subject Code: MS-64) on Knapsack Problem Using Greedy Method in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
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Ref No: SGGS/CS/2020-21/070

Date: 28-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Sourav Maurya of MSc – IT- 1st Semester, Roll No. 21605 has undertaken the Minor/Major Project (Subject Code: MS-64) on N-Queen's Problem Using Backtracking in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
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Ref No: SGGS/CS/2020-21/071

Date: 28-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Vivek Mattu of MSc – IT- 1st Semester, Roll No. 21606 has undertaken the Minor/Major Project (Subject Code: MS-64) on Knapsack Problem Using Branch and Bound in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
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Ref No: SGGS/CS/2020-21/072

Date: 28-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Gurpreet kaur of MSc – IT- 1st Semester, Roll No. 21607 has undertaken the Minor/Major Project (Subject Code: MS-64) on 0/1 Knapsack Problem Solving in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
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Ref No: SGGS/CS/2020-21/073

Date: 28-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Simranjeet Kaur of MSc – IT- 1st Semester, Roll No. 21608 has undertaken the Minor/Major Project (Subject Code: MS-64) on N-Queen's Problem Using Backtracking in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGS/CS/2020-21/074

Date: 28-01-2021

To Whom It May Concern

This is to certify that Mr/Ms AJAY of MSc – IT- 1st Semester, Roll No. 21609 has undertaken the Minor/Major Project (Subject Code: MS-64) on Dijkstra Algorithm in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
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Ref No: SGGS/CS/2020-21/075

Date: 28-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Aditya thakur of MSc – IT- 1st Semester, Roll No. 21610 has undertaken the Minor/Major Project (Subject Code: MS-64) on Krushkal Algorithm in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

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Ref No: SGG/CS/2020-21/076

Date: 28-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Nisha Thakur of MSc – IT- 1st Semester, Roll No. 21611 has undertaken the Minor/Major Project (Subject Code: MS-64) on Prim's Algorithm in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
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Ref No: SGGs/CS/2020-21/077

Date: 28-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Navneet kaur of MSc – IT- 1st Semester, Roll No. 21612 has undertaken the Minor/Major Project (Subject Code: MS-64) on Job Sequencing in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/078

Date: 28-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Mir Abdulahad of MSc – IT- 1st Semester, Roll No. 21613 has undertaken the Minor/Major Project (Subject Code: MS-64) on Stack and Its Applications in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/079

Date: 28-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Sachin of MSc – IT- 1st Semester, Roll No. 21614 has undertaken the Minor/Major Project (Subject Code: MS-64) on Traveling Salesman Dynamic Prtogramming in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/080

Date: 28-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Kanika Arora of MSc – IT- 1st Semester, Roll No. 21615 has undertaken the Minor/Major Project (Subject Code: MS-64) on Queue in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGS/CS/2020-21/081

Date: 28-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Ghulam Mustafa of MSc – IT- 1st Semester, Roll No. 21616 has undertaken the Minor/Major Project (Subject Code: MS-64) on Optimal Binary Search Tree in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/082

Date: 28-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Sanjana of MSc – IT- 1st Semester, Roll No. 21617 has undertaken the Minor/Major Project (Subject Code: MS-64) on Floyd Warshall Algorithm in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/083

Date: 28-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Rueen Abi of MSc – IT- 1st Semester, Roll No. 21618 has undertaken the Minor/Major Project (Subject Code: MS-64) on Optimal Binary Search Tree in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/084

Date: 28-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Gurdeep singh of MSc – IT- 1st Semester, Roll No. 21619 has undertaken the Minor/Major Project (Subject Code: MS-64) on TSP Using Branch and Bound in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGS/CS/2020-21/085

Date: 28-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Shreya Thakur of MSc – IT- 1st Semester, Roll No. 21620 has undertaken the Minor/Major Project (Subject Code: MS-64) on Single Source Shortest Path in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGS/CS/2020-21/086

Date: 28-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Sushant Mor of MSc – IT- 1st Semester, Roll No. 21621 has undertaken the Minor/Major Project (Subject Code: MS-64) on Single Source Shortest Path in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/284

Date: 24-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Yash Kumar Singh of MSc-IT-2nd Semester, Roll No. 21601 has undertaken the Minor/Major Project (Subject Code: MS-56) on School Management System in the session 2020-21.

He/She has completed the Project under the guidance of Dr Nidhi Jain Kansal & Ms Neha Saini of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGG/CS/2020-21/285

Date: 24-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Akshay Kumar of MSc-IT-2nd Semester, Roll No. 21602 has undertaken the Minor/Major Project (Subject Code: MS-56) on Hospital Management System in the session 2020-21.

He/She has completed the Project under the guidance of Dr Nidhi Jain Kansal & Ms Neha Saini of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGG/CS/2020-21/286

Date: 24-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Muskaan of MSc-IT-2nd Semester, Roll No. 21603 has undertaken the Minor/Major Project (Subject Code: MS-56) on Employee Management System in the session 2020-21.

He/She has completed the Project under the guidance of Dr Nidhi Jain Kansal & Ms Neha Saini of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/287

Date: 24-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Rahul Kumar of MSc-IT-2nd Semester, Roll No. 21604 has undertaken the Minor/Major Project (Subject Code: MS-56) on Bank Management System in the session 2020-21.

He/She has completed the Project under the guidance of Dr Nidhi Jain Kansal & Ms Neha Saini of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGG/CS/2020-21/288

Date: 24-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Sourav Maurya of MSc-IT-2nd Semester, Roll No. 21605 has undertaken the Minor/Major Project (Subject Code: MS-56) on Library Management in the session 2020-21.

He/She has completed the Project under the guidance of Dr Nidhi Jain Kansal & Ms Neha Saini of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGG/CS/2020-21/289

Date: 24-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Vivek Mattu of MSc-IT-2nd Semester, Roll No. 21606 has undertaken the Minor/Major Project (Subject Code: MS-56) on Bank management System in the session 2020-21.

He/She has completed the Project under the guidance of Dr Nidhi Jain Kansal & Ms Neha Saini of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/290

Date: 24-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Gurpreet Kaur of MSc-IT-2nd Semester, Roll No. 21607 has undertaken the Minor/Major Project (Subject Code: MS-56) on School Management System in the session 2020-21.

He/She has completed the Project under the guidance of Dr Nidhi Jain Kansal & Ms Neha Saini of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/291

Date: 24-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Simranjeet Kaur of MSc-IT-2nd Semester, Roll No. 21608 has undertaken the Minor/Major Project (Subject Code: MS-56) on Library Management in the session 2020-21.

He/She has completed the Project under the guidance of Dr Nidhi Jain Kansal & Ms Neha Saini of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/292

Date: 24-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Aditya Thakur of MSc-IT-2nd Semester, Roll No. 21610 has undertaken the Minor/Major Project (Subject Code: MS-56) on Chatroom in the session 2020-21.

He/She has completed the Project under the guidance of Dr Nidhi Jain Kansal & Ms Neha Saini of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGG/CS/2020-21/293

Date: 24-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Nisha Thakur of MSc-IT-2nd Semester, Roll No. 21611 has undertaken the Minor/Major Project (Subject Code: MS-56) on Employment Management System in the session 2020-21.

He/She has completed the Project under the guidance of Dr Nidhi Jain Kansal & Ms Neha Saini of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/294

Date: 24-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Navneet Kaur of MSc-IT-2nd Semester, Roll No. 21612 has undertaken the Minor/Major Project (Subject Code: MS-56) on Library Management System in the session 2020-21.

He/She has completed the Project under the guidance of Dr Nidhi Jain Kansal & Ms Neha Saini of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGG/CS/2020-21/295

Date: 24-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Mir Abdulahad of MSc-IT-2nd Semester, Roll No. 21613 has undertaken the Minor/Major Project (Subject Code: MS-56) on Library Management System in the session 2020-21.

He/She has completed the Project under the guidance of Dr Nidhi Jain Kansal & Ms Neha Saini of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

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Principal



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Ref No: SGG/CS/2020-21/296

Date: 24-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Sachin of MSc-IT-2nd Semester, Roll No. 21614 has undertaken the Minor/Major Project (Subject Code: MS-56) on Airline Reservation System in the session 2020-21.

He/She has completed the Project under the guidance of Dr Nidhi Jain Kansal & Ms Neha Saini of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGG/CS/2020-21/297

Date: 24-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Kanika Arora of MSc-IT-2nd Semester, Roll No. 21615 has undertaken the Minor/Major Project (Subject Code: MS-56) on Library Management System in the session 2020-21.

He/She has completed the Project under the guidance of Dr Nidhi Jain Kansal & Ms Neha Saini of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/298

Date: 24-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Ghulam Mustafa of MSc-IT-2nd Semester, Roll No. 21616 has undertaken the Minor/Major Project (Subject Code: MS-56) on Hospital Management in the session 2020-21.

He/She has completed the Project under the guidance of Dr Nidhi Jain Kansal & Ms Neha Saini of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGG/CS/2020-21/299

Date: 24-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Sanjana of MSc-IT-2nd Semester, Roll No. 21617 has undertaken the Minor/Major Project (Subject Code: MS-56) on Student Management System in the session 2020-21.

He/She has completed the Project under the guidance of Dr Nidhi Jain Kansal & Ms Neha Saini of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/300

Date: 24-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Rueen Abi of MSc-IT-2nd Semester, Roll No. 21618 has undertaken the Minor/Major Project (Subject Code: MS-56) on Hospital Management in the session 2020-21.

He/She has completed the Project under the guidance of Dr Nidhi Jain Kansal & Ms Neha Saini of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/301

Date: 24-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Gurdeep Singh of MSc-IT-2nd Semester, Roll No. 21619 has undertaken the Minor/Major Project (Subject Code: MS-56) on Bank Management System in the session 2020-21.

He/She has completed the Project under the guidance of Dr Nidhi Jain Kansal & Ms Neha Saini of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/302

Date: 24-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Shreya Thakur of MSc-IT-2nd Semester, Roll No. 21620 has undertaken the Minor/Major Project (Subject Code: MS-56) on School Management System in the session 2020-21.

He/She has completed the Project under the guidance of Dr Nidhi Jain Kansal & Ms Neha Saini of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/303

Date: 24-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Ajay of MSc-IT-2nd Semester, Roll No. 21609 has undertaken the Minor/Major Project (Subject Code: MS-56) on Airline Reservation System in the session 2020-21.

He/She has completed the Project under the guidance of Dr Nidhi Jain Kansal & Ms Neha Saini of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGG/CS/2020-21/264

Date: 22-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Yash kumar Singh of MSc – IT- 2nd Semester, Roll No. 21601 has undertaken the Minor/Major Project (Subject Code: MS-68) on Water Jug Problem in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjeet Kaur of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/265

Date: 22-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Akshay Kumar of MSc – IT- 2nd Semester, Roll No. 21602 has undertaken the Minor/Major Project (Subject Code: MS-68) on PROLOG (TOWER OF HANOI) in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjeet Kaur of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGG/CS/2020-21/266

Date: 22-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Muskaan of MSc – IT- 2nd Semester, Roll No. 21603 has undertaken the Minor/Major Project (Subject Code: MS-68) on Prolog Programming in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjeet Kaur of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/267

Date: 22-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Rahul Kumar of MSc – IT- 2nd Semester, Roll No. 21604 has undertaken the Minor/Major Project (Subject Code: MS-68) on 4-3 water jug problem in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjeet Kaur of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGG/CS/2020-21/268

Date: 22-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Sourav Maurya of MSc – IT- 2nd Semester, Roll No. 21605 has undertaken the Minor/Major Project (Subject Code: MS-68) on Prolog Programming in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjeet Kaur of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/269

Date: 22-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Vivek mattu of MSc – IT- 2nd Semester, Roll No. 21606 has undertaken the Minor/Major Project (Subject Code: MS-68) on Prolog Programming in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjeet Kaur of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/270

Date: 22-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Gurpreet Kaur of MSc – IT- 2nd Semester, Roll No. 21607 has undertaken the Minor/Major Project (Subject Code: MS-68) on WATER JUG PROBLEM IN AI AND PROLOG in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjeet Kaur of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



SRI GURU GOBIND SINGH COLLEGE

(Co-educational, Affiliated to Panjab University, Chandigarh)

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Ref No: SGGs/CS/2020-21/271

Date: 22-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Simranjeet Kaur of MSc – IT- 2nd Semester, Roll No. 21608 has undertaken the Minor/Major Project (Subject Code: MS-68) on Prolog Programming in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjeet Kaur of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
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Principal



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Ref No: SGG/CS/2020-21/272

Date: 22-06-2021

To Whom It May Concern

This is to certify that Mr/Ms AJAY of MSc – IT- 2nd Semester, Roll No. 21609 has undertaken the Minor/Major Project (Subject Code: MS-68) on Tower of Hanoi in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjeet Kaur of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGG/CS/2020-21/273

Date: 22-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Aditya thakur of MSc – IT- 2nd Semester, Roll No. 21610 has undertaken the Minor/Major Project (Subject Code: MS-68) on Prolog Programming in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjeet Kaur of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
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Ref No: SGGs/CS/2020-21/274

Date: 22-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Nisha Thakur of MSc – IT- 2nd Semester, Roll No. 21611 has undertaken the Minor/Major Project (Subject Code: MS-68) on Prolog Programming in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjeet Kaur of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
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Principal



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Ref No: SGG/CS/2020-21/275

Date: 22-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Navneet Kaur of MSc – IT- 2nd Semester, Roll No. 21612 has undertaken the Minor/Major Project (Subject Code: MS-68) on Prolog Programming in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjeet Kaur of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/276

Date: 22-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Mir Abdulahad of MSc – IT- 2nd Semester, Roll No. 21613 has undertaken the Minor/Major Project (Subject Code: MS-68) on Prolog Programming in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjeet Kaur of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGG/CS/2020-21/277

Date: 22-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Sachin of MSc – IT- 2nd Semester, Roll No. 21614 has undertaken the Minor/Major Project (Subject Code: MS-68) on Prolog Programming in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjeet Kaur of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/278

Date: 22-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Kanika Arora of MSc – IT- 2nd Semester, Roll No. 21615 has undertaken the Minor/Major Project (Subject Code: MS-68) on Tower of Hanoi in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjeet Kaur of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
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Ref No: SGG/CS/2020-21/279

Date: 22-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Ghulam Mustafa of MSc – IT- 2nd Semester, Roll No. 21616 has undertaken the Minor/Major Project (Subject Code: MS-68) on Water Jug Problem in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjeet Kaur of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGG/CS/2020-21/280

Date: 22-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Sanjana of MSc – IT- 2nd Semester, Roll No. 21617 has undertaken the Minor/Major Project (Subject Code: MS-68) on Spam Detector in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjeet Kaur of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/281

Date: 22-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Rueen Abi of MSc – IT- 2nd Semester, Roll No. 21618 has undertaken the Minor/Major Project (Subject Code: MS-68) on 4-3 Water Jug Problem in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjeet Kaur of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/282

Date: 22-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Gurdeep singh of MSc – IT- 2nd Semester, Roll No. 21619 has undertaken the Minor/Major Project (Subject Code: MS-68) on Prolog Programming in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjeet Kaur of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/283

Date: 22-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Shreya Thakur of MSc – IT- 2nd Semester, Roll No. 21620 has undertaken the Minor/Major Project (Subject Code: MS-68) on Water Jug Problem in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjeet Kaur of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/001

Date: 22-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Komal Mehra of MSc – IT- 3rd Semester, Roll No. 21801 has undertaken the Minor/Major Project (Subject Code: MS-33) on Jig Saw in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGG/CS/2020-21/002

Date: 22-01-2021

To Whom It May Concern

This is to certify that Mr/Ms SAMBHAV JAIN of MSc – IT- 3rd Semester, Roll No. 21802 has undertaken the Minor/Major Project (Subject Code: MS-33) on Café Billing System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGGG/CS/2020-21/003

Date: 22-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Komal Preet of MSc – IT- 3rd Semester, Roll No. 21803 has undertaken the Minor/Major Project (Subject Code: MS-33) on Pizza Ordering System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGG College, Sector-26, Chandigarh.

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Ref No: SGG/CS/2020-21/004

Date: 22-01-2021

To Whom It May Concern

This is to certify that Mr/Ms prateek neoliya of MSc – IT- 3rd Semester, Roll No. 21804 has undertaken the Minor/Major Project (Subject Code: MS-33) on Student Evaluation in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGG/CS/2020-21/005

Date: 22-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Sharanjeet kaur of MSc – IT- 3rd Semester, Roll No. 21805 has undertaken the Minor/Major Project (Subject Code: MS-33) on Calculator in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/006

Date: 22-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Yash Madaan of MSc – IT- 3rd Semester, Roll No. 21806 has undertaken the Minor/Major Project (Subject Code: MS-33) on Café Billing System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGG/CS/2020-21/007

Date: 22-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Shubham Sharma of MSc – IT- 3rd Semester, Roll No. 21807 has undertaken the Minor/Major Project (Subject Code: MS-33) on Puzzle in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGGG/CS/2020-21/008

Date: 22-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Divya verma of MSc – IT- 3rd Semester, Roll No. 21808 has undertaken the Minor/Major Project (Subject Code: MS-33) on Jig Saw in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGG College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/009

Date: 22-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Sakshi Jasrotia of MSc – IT- 3rd Semester, Roll No. 21809 has undertaken the Minor/Major Project (Subject Code: MS-33) on Snake Game in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGG/CS/2020-21/010

Date: 22-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Harshvardhan of MSc – IT- 3rd Semester, Roll No. 21810 has undertaken the Minor/Major Project (Subject Code: MS-33) on E-Commerce in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/011

Date: 22-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Sanjana of MSc – IT- 3rd Semester, Roll No. 21811 has undertaken the Minor/Major Project (Subject Code: MS-33) on Online Courier System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
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Ref No: SGG/CS/2020-21/012

Date: 22-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Harmanjeet Kaur of MSc – IT- 3rd Semester, Roll No. 21812 has undertaken the Minor/Major Project (Subject Code: MS-33) on E-Commerce in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/013

Date: 22-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Jyoti bala of MSc – IT- 3rd Semester, Roll No. 21813 has undertaken the Minor/Major Project (Subject Code: MS-33) on Student Grading System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGG/CS/2020-21/014

Date: 22-01-2021

To Whom It May Concern

This is to certify that Mr/Ms shivani manhas of MSc – IT- 3rd Semester, Roll No. 21814 has undertaken the Minor/Major Project (Subject Code: MS-33) on Calculator in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGG/CS/2020-21/015

Date: 22-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Kajal Saini of MSc – IT- 3rd Semester, Roll No. 21815 has undertaken the Minor/Major Project (Subject Code: MS-33) on Student Grading System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGGs/CS/2020-21/016

Date: 22-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Harish Tiwari of MSc – IT- 3rd Semester, Roll No. 21816 has undertaken the Minor/Major Project (Subject Code: MS-33) on Tetris Game in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

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Ref No: SGG/CS/2020-21/017

Date: 22-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Ankit Pant of MSc – IT- 3rd Semester, Roll No. 21817 has undertaken the Minor/Major Project (Subject Code: MS-33) on Puzzle Game in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

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Ref No: SGGG/CS/2020-21/018

Date: 22-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Gurraj of MSc – IT- 3rd Semester, Roll No. 21818 has undertaken the Minor/Major Project (Subject Code: MS-33) on Snake Game in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGG College, Sector-26, Chandigarh.

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Ref No: SGGG/CS/2020-21/019

Date: 22-01-2021

To Whom It May Concern

This is to certify that Mr/Ms kartik of MSc – IT- 3rd Semester, Roll No. 21819 has undertaken the Minor/Major Project (Subject Code: MS-33) on Student Evaluation in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGG College, Sector-26, Chandigarh.

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Ref No: SGGG/CS/2020-21/020

Date: 22-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Raghav Moudgill of MSc – IT- 3rd Semester, Roll No. 21820 has undertaken the Minor/Major Project (Subject Code: MS-33) on Pizza Ordering System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGG College, Sector-26, Chandigarh.

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Ref No: SGGG/CS/2020-21/021

Date: 22-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Sonali Dhiman of MSc – IT- 3rd Semester, Roll No. 21821 has undertaken the Minor/Major Project (Subject Code: MS-33) on Online Courier System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGG College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGG/CS/2020-21/022

Date: 22-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Rishwant Kaur of MSc – IT- 3rd Semester, Roll No. 21822 has undertaken the Minor/Major Project (Subject Code: MS-33) on Tetris Game in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGG College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/023

Date: 25-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Komal Mehra of MSc – IT- 3rd Semester, Roll No. 21801 has undertaken the Minor/Major Project (Subject Code: MS-59) on N Queen's Problem in the session 2020-21.

He/She has completed the Project under the guidance of Anuradha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

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Ref No: SGGS/CS/2020-21/024

Date: 25-01-2021

To Whom It May Concern

This is to certify that Mr/Ms SAMBHAV JAIN of MSc – IT- 3rd Semester, Roll No. 21802 has undertaken the Minor/Major Project (Subject Code: MS-59) on Tower of Hanoi in the session 2020-21.

He/She has completed the Project under the guidance of Anuradha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



SRI GURU GOBIND SINGH COLLEGE

(Co-educational, Affiliated to Panjab University, Chandigarh)

Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/025

Date: 25-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Komal Preet of MSc – IT- 3rd Semester, Roll No. 21803 has undertaken the Minor/Major Project (Subject Code: MS-59) on Heart Game in the session 2020-21.

He/She has completed the Project under the guidance of Anuradha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/026

Date: 25-01-2021

To Whom It May Concern

This is to certify that Mr/Ms prateek neoliya of MSc – IT- 3rd Semester, Roll No. 21804 has undertaken the Minor/Major Project (Subject Code: MS-59) on Brick Breaker in the session 2020-21.

He/She has completed the Project under the guidance of Anuradha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/027

Date: 25-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Sharanjeet kaur of MSc – IT- 3rd Semester, Roll No. 21805 has undertaken the Minor/Major Project (Subject Code: MS-59) on Bicycle Animation in the session 2020-21.

He/She has completed the Project under the guidance of Anuradha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/028

Date: 25-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Yash Madaan of MSc – IT- 3rd Semester, Roll No. 21806 has undertaken the Minor/Major Project (Subject Code: MS-59) on Tower of Hanoi in the session 2020-21.

He/She has completed the Project under the guidance of Anuradha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/029

Date: 25-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Shubham Sharma of MSc – IT- 3rd Semester, Roll No. 21807 has undertaken the Minor/Major Project (Subject Code: MS-59) on Snake Game in the session 2020-21.

He/She has completed the Project under the guidance of Anuradha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/030

Date: 25-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Divya verma of MSc – IT- 3rd Semester, Roll No. 21808 has undertaken the Minor/Major Project (Subject Code: MS-59) on N Queen's Problem in the session 2020-21.

He/She has completed the Project under the guidance of Anuradha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/031

Date: 25-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Sakshi Jasrotia of MSc – IT- 3rd Semester, Roll No. 21809 has undertaken the Minor/Major Project (Subject Code: MS-59) on Railway Run in the session 2020-21.

He/She has completed the Project under the guidance of Anuradha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/032

Date: 25-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Harshvardhan of MSc – IT- 3rd Semester, Roll No. 21810 has undertaken the Minor/Major Project (Subject Code: MS-59) on 3D Transformation in the session 2020-21.

He/She has completed the Project under the guidance of Anuradha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/033

Date: 25-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Sanjana of MSc – IT- 3rd Semester, Roll No. 21811 has undertaken the Minor/Major Project (Subject Code: MS-59) on 2D Transformation in the session 2020-21.

He/She has completed the Project under the guidance of Anuradha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
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Principal



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Ref No: SGGS/CS/2020-21/034

Date: 25-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Harmanjeet Kaur of MSc – IT- 3rd Semester, Roll No. 21812 has undertaken the Minor/Major Project (Subject Code: MS-59) on 3D Transformation in the session 2020-21.

He/She has completed the Project under the guidance of Anuradha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/035

Date: 25-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Jyoti bala of MSc – IT- 3rd Semester, Roll No. 21813 has undertaken the Minor/Major Project (Subject Code: MS-59) on Clipping in the session 2020-21.

He/She has completed the Project under the guidance of Anuradha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/036

Date: 25-01-2021

To Whom It May Concern

This is to certify that Mr/Ms shivani manhas of MSc – IT- 3rd Semester, Roll No. 21814 has undertaken the Minor/Major Project (Subject Code: MS-59) on Bicycle Animation in the session 2020-21.

He/She has completed the Project under the guidance of Anuradha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/037

Date: 25-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Kajal Saini of MSc – IT- 3rd Semester, Roll No. 21815 has undertaken the Minor/Major Project (Subject Code: MS-59) on Clipping in the session 2020-21.

He/She has completed the Project under the guidance of Anuradha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/038

Date: 25-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Harish Tiwari of MSc – IT- 3rd Semester, Roll No. 21816 has undertaken the Minor/Major Project (Subject Code: MS-59) on Packman Game in the session 2020-21.

He/She has completed the Project under the guidance of Anuradha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/039

Date: 25-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Ankit Pant of MSc – IT- 3rd Semester, Roll No. 21817 has undertaken the Minor/Major Project (Subject Code: MS-59) on Snake Game in the session 2020-21.

He/She has completed the Project under the guidance of Anuradha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
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Principal



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Ref No: SGGS/CS/2020-21/040

Date: 25-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Gurrah singh of MSc – IT- 3rd Semester, Roll No. 21818 has undertaken the Minor/Major Project (Subject Code: MS-59) on Railway Run in the session 2020-21.

He/She has completed the Project under the guidance of Anuradha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/041

Date: 25-01-2021

To Whom It May Concern

This is to certify that Mr/Ms kartik kalia of MSc – IT- 3rd Semester, Roll No. 21819 has undertaken the Minor/Major Project (Subject Code: MS-59) on Brick Breaker in the session 2020-21.

He/She has completed the Project under the guidance of Anuradha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
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Principal



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Ref No: SGGS/CS/2020-21/042

Date: 25-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Raghav Moudgill of MSc – IT- 3rd Semester, Roll No. 21820 has undertaken the Minor/Major Project (Subject Code: MS-59) on Heart Game in the session 2020-21.

He/She has completed the Project under the guidance of Anuradha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/043

Date: 25-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Sonali Dhiman of MSc – IT- 3rd Semester, Roll No. 21821 has undertaken the Minor/Major Project (Subject Code: MS-59) on 2D Transformation in the session 2020-21.

He/She has completed the Project under the guidance of Anuradha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
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Principal



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Ref No: SGGS/CS/2020-21/044

Date: 25-01-2021

To Whom It May Concern

This is to certify that Mr/Ms Rishwant Kaur of MSc – IT- 3rd Semester, Roll No. 21822 has undertaken the Minor/Major Project (Subject Code: MS-59) on Packman Game in the session 2020-21.

He/She has completed the Project under the guidance of Anuradha Saini of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
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Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/087

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Vinay Sharma of PGDCA- 2nd Semester, Roll No. 23601 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on ANDROID VERSION BASICS in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/088

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Santokh Singh of PGDCA- 2nd Semester, Roll No. 23602 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on Basics of Sikhism in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/089

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Bhupinder singh of PGDCA- 2nd Semester, Roll No. 23603 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on Restaurants Of Chandigarh in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/090

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Rohit of PGDCA- 2nd Semester, Roll No. 23604 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on Online registration in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/091

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Gagandeep of PGDCA- 2nd Semester, Roll No. 23605 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on Website on Mera Bharat in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/092

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Avinash Singh of PGDCA- 2nd Semester, Roll No. 23606 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on Website on Mera Bharat in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
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Principal



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Ref No: SGGS/CS/2020-21/093

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Ritika of PGDCA- 2nd Semester, Roll No. 23608 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on TOUR AND TRAVEL in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/094

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Mukesh of PGDCA- 2nd Semester, Roll No. 23609 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on Web Application Intra-College Communication System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/095

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Diksha Sharma of PGDCA- 2nd Semester, Roll No. 23610 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on Online food order(Creamy Dreamy) in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/096

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Manish Yadav of PGDCA- 2nd Semester, Roll No. 23611 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on E-Learning System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/097

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms SACHIN of PGDCA- 2nd Semester, Roll No. 23612 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on UNIVERSITY WEBSITE in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGG/SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/098

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Savita of PGDCA- 2nd Semester, Roll No. 23613 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on Home in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/099

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Kritik Kumar of PGDCA- 2nd Semester, Roll No. 23614 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on E-Learning System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGG/SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/100

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Sarthak Moudgil of PGDCA- 2nd Semester, Roll No. 23615 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on Youth club in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/101

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Mayank Saluja of PGDCA- 2nd Semester, Roll No. 23616 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on Online food order(Creamy Dreamy) in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/102

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Rupinder singh of PGDCA- 2nd Semester, Roll No. 23617 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on HTML Tags in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/103

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms ROHIT of PGDCA- 2nd Semester, Roll No. 23618 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on HTML in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



SRI GURU GOBIND SINGH COLLEGE

(Co-educational, Affiliated to Panjab University, Chandigarh)

Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGs/CS/2020-21/104

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms GURPREET SINGH PAL of PGDCA- 2nd Semester, Roll No. 23620 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on ONLINE COMPLAINT MANAGEMENT SYSTEM in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/105

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms AASHISH KUMAR of PGDCA- 2nd Semester, Roll No. 23621 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on ONLINE COMPLAINT MANAGEMENT SYSTEM in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/106

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Khushpal Singh of PGDCA- 2nd Semester, Roll No. 23623 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on GYM ENQUIRY SYSTEM in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/107

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Ravi of PGDCA- 2nd Semester, Roll No. 23624 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on Online Hair Studio in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGs/CS/2020-21/108

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Manpreet kaur of PGDCA- 2nd Semester, Roll No. 23626 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on Jewellery in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/109

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Bhupinder singh of PGDCA- 2nd Semester, Roll No. 23627 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on Restaurants Of Chandigarh in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/110

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Anjali verma of PGDCA- 2nd Semester, Roll No. 23628 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on Online registration in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/111

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Sarabeet singh of PGDCA- 2nd Semester, Roll No. 23630 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on Youth club in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/112

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Anurag kashyap of PGDCA- 2nd Semester, Roll No. 23631 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on Samsung S10+ website in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/113

Date: 15-06-2021

To Whom It May Concern

This is to certify that Mr/Ms JATINDER SINGH of PGDCA- 2nd Semester, Roll No. 23632 has undertaken the Minor/Major Project (Subject Code: PGD-2107) on ONLINE COMPLAINT MANAGEMENT SYSTEM in the session 2020-21.

He/She has completed the Project under the guidance of Ms Anu Kaul of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/114

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms SURAJ of BCA – 6th Semester, Roll No. 7501 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Bank Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGs/CS/2020-21/115

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms AYUSH RANA of BCA – 6th Semester, Roll No. 7502 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Shopping Cart in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/116

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms NEERAJ MAAN of BCA – 6th Semester, Roll No. 7503 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Learn Programming Language in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGG/CS/2020-21/117

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms SIMRANJIT SINGH of BCA – 6th Semester, Roll No. 7504 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on E-Commerce Store in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGG College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/118

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms SANDEEP SINGH of BCA – 6th Semester, Roll No. 7505 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Indian restaurant in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/119

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms SANYAM CHAWLA of BCA – 6th Semester, Roll No. 7506 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on SCIENTIFIC CALCULATOR in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/120

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms AJAY SHARMA of BCA – 6th Semester, Roll No. 7507 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Cafe management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/121

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms SAHIL DEWAN of BCA – 6th Semester, Roll No. 7508 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Expense Diary in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/122

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms NEERAJ SINGH CHAUHAN of BCA – 6th Semester, Roll No. 7509 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on website (tour and travel) in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/123

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms RAKESH KUMAR of BCA – 6th Semester, Roll No. 7510 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Shoeop in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGG/CS/2020-21/124

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms LALIT KUMAR of BCA – 6th Semester, Roll No. 7511 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Hostel Management system in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/125

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms PARVESH SHARMA of BCA – 6th Semester, Roll No. 7512 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Hostel Management system in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/126

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms SHIVAM KUMAR of BCA – 6th Semester, Roll No. 7513 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Chandigarh Tours and Travels in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGG/CS/2020-21/127

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms SIDHARTH TRIVEDI of BCA – 6th Semester, Roll No. 7514 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Hostel Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGG College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/128

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms LAKHVINDER SINGH of BCA – 6th Semester, Roll No. 7515 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on E-Commerce Store in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/129

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms ROHIT ANIL BABAR of BCA – 6th Semester, Roll No. 7516 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Library management system in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGG/CS/2020-21/130

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms AMIT SOOD of BCA – 6th Semester, Roll No. 7517 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Indian restaurant in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGG College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/131

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms MANISH SAINI of BCA – 6th Semester, Roll No. 7518 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Online calculator in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/132

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms PIYUSH of BCA – 6th Semester, Roll No. 7519 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Hotel Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGG/CS/2020-21/133

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms HARSH JOSHI of BCA – 6th Semester, Roll No. 7520 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Hostel Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGG College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/134

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms ROHIT TANWAR of BCA – 6th Semester, Roll No. 7521 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Car Rental in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/135

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms ATUL SINGH of BCA – 6th Semester, Roll No. 7523 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on WebChat in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/136

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms SANCHIT of BCA – 6th Semester, Roll No. 7524 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Pharmacy management system in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/137

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms AKSHIT GUPTA of BCA – 6th Semester, Roll No. 7525 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Clinic Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/138

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms SOURABH RAWAT of BCA – 6th Semester, Roll No. 7526 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Pharmacy management system in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/139

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms MADHUL of BCA – 6th Semester, Roll No. 7527 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on The Lager's in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



SRI GURU GOBIND SINGH COLLEGE

(Co-educational, Affiliated to Panjab University, Chandigarh)

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Ref No: SGGG/CS/2020-21/140

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms JATIN of BCA – 6th Semester, Roll No. 7528 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Cafe management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGG College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/141

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms GURMEHAR SINGH RANDHAWA of BCA – 6th Semester, Roll No. 7529 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Starbucks in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/142

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms ABHISHEK SHARMA of BCA – 6th Semester, Roll No. 7530 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Hotel Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/143

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms KARTIK SHARMA of BCA – 6th Semester, Roll No. 7531 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Starbucks in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/144

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms PRITAM UNIYAL of BCA – 6th Semester, Roll No. 7532 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on TOURS AND TRAVEL MANAGEMENT SYSTEM in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGG/CS/2020-21/145

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms HITESH MAAN of BCA – 6th Semester, Roll No. 7533 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on WebChat in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGG College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/146

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms NAVYAM PRABHAKER of BCA – 6th Semester, Roll No. 7534 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Expense Diary in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/147

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms KAMAL MOHAN of BCA – 6th Semester, Roll No. 7535 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on online shopping system in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/148

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms SIDAKJEET SINGH BAKSHI of BCA – 6th Semester, Roll No. 7536 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Hotel Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/149

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms AJAY KC of BCA – 6th Semester, Roll No. 7537 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on SCIENTIFIC CALCULATOR in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
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Principal



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Ref No: SGG/CS/2020-21/150

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms RAJ SHEKHAR of BCA – 6th Semester, Roll No. 7538 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on ATM Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGG/CS/2020-21/151

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms HIMANSHU of BCA – 6th Semester, Roll No. 7539 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on online shopping system in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGGG College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/152

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms JAGROOP RAJ SINGH of BCA – 6th Semester, Roll No. 7540 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on ATM Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Navneet Sandhu of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/153

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms ASHISH SHARMA of BCA – 6th Semester, Roll No. 7541 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Covid Vaccination Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/154

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms GURJOT SINGH DHIMAN of BCA – 6th Semester, Roll No. 7542 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Clinic management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/155

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms KARTIK SAINI of BCA – 6th Semester, Roll No. 7543 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Kartik's store in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/156

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms NIKHIL OHRI of BCA – 6th Semester, Roll No. 7544 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Car Rental in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
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Principal



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Ref No: SGGs/CS/2020-21/157

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms VISHAL of BCA – 6th Semester, Roll No. 7545 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Hair Studio in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
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Ref No: SGGs/CS/2020-21/158

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms DILDEEP SINGH of BCA – 6th Semester, Roll No. 7546 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on The Mangle (Puzzle Game) in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/159

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms BALRAM of BCA – 6th Semester, Roll No. 7547 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Porta Cabins and Cleaning Services in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/160

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms GOURAV KUMAR of BCA – 6th Semester, Roll No. 7548 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on DIET CONSULTANT MANAGEMENT SYSTEM in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/161

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms LOKENDER SINGH PAL of BCA – 6th Semester, Roll No. 7549 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Library management system in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/162

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms ANKIT PRASAD of BCA – 6th Semester, Roll No. 7550 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Library management system in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/163

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms DEVAM KUMAR of BCA – 6th Semester, Roll No. 7551 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Library management system in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
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Principal



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Ref No: SGG/CS/2020-21/164

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms RITIK PATHANIA of BCA – 6th Semester, Roll No. 7552 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Cravy Food in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/165

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms JAI SINGH of BCA – 6th Semester, Roll No. 7553 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on TechBeing Website in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/166

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms KARTIK SHARMA of BCA – 6th Semester, Roll No. 7554 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Porta Cabins and Cleaning Services in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/167

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms JAI SINGH of BCA – 6th Semester, Roll No. 7555 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Sahalat Car Parking in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/168

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms RAHUL SINGH of BCA – 6th Semester, Roll No. 7556 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Car rental system in java in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGG/CS/2020-21/169

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms PANKAJ SINGH CHAUHAN of BCA – 6th Semester, Roll No. 7557 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on DIET CONSULTANT MANAGEMENT SYSTEM in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGGG College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGG/CS/2020-21/170

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms ANKIT NEGI of BCA – 6th Semester, Roll No. 7558 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Cravy Food in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGGG College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/171

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms KARTIK LAKHERA of BCA – 6th Semester, Roll No. 7559 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on TechBeing Website in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
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Principal



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Ref No: SGG/CS/2020-21/172

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms KISHAN KUMAR of BCA – 6th Semester, Roll No. 7560 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Sahalat Car Parking in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/173

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms VIPUL of BCA – 6th Semester, Roll No. 7561 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Student management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/174

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms AMAN of BCA – 6th Semester, Roll No. 7562 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on TechBeing Website in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/175

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms SAGAR of BCA – 6th Semester, Roll No. 7563 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on BOOKSTORE in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/176

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms PRAJWAL RANA of BCA – 6th Semester, Roll No. 7564 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on BOOKSTORE in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



SRI GURU GOBIND SINGH COLLEGE

(Co-educational, Affiliated to Panjab University, Chandigarh)

Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGG/CS/2020-21/177

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms DEPENDER of BCA – 6th Semester, Roll No. 7565 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Ice Cream Shop in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



SRI GURU GOBIND SINGH COLLEGE

(Co-educational, Affiliated to Panjab University, Chandigarh)

Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGs/CS/2020-21/178

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms YOGESH SINGH NEGI of BCA – 6th Semester, Roll No. 7566 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Sahalat Car Parking in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGG/CS/2020-21/179

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms LALIT BHARDWAJ of BCA – 6th Semester, Roll No. 7567 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Onlybooks e-commerce site in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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(Co-educational, Affiliated to Panjab University, Chandigarh)

Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGG/CS/2020-21/180

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms SHAILESH POUDER of BCA – 6th Semester, Roll No. 7568 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on ShoeWorld in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGGG College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGs/CS/2020-21/181

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms PRAJWAL MINHAS of BCA – 6th Semester, Roll No. 7569 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Tic Tac Toe game in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGs/CS/2020-21/182

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms VIKAS of BCA – 6th Semester, Roll No. 7570 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Onlybooks e-commerce site in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGG/CS/2020-21/183

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms HARSHDEEP SINGH of BCA – 6th Semester, Roll No. 7571 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Health and homefit in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGG/CS/2020-21/184

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms SURAJ GUPTA of BCA – 6th Semester, Roll No. 7572 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Onlybooks e-commerce site in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGGG College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/185

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms NARAYAN DUTT of BCA – 6th Semester, Roll No. 7573 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Cravy Food in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



SRI GURU GOBIND SINGH COLLEGE

(Co-educational, Affiliated to Panjab University, Chandigarh)

Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGG/CS/2020-21/186

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms SOURAV RANA of BCA – 6th Semester, Roll No. 7574 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Omni food in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGs/CS/2020-21/187

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms HIMANSHU PATRA of BCA – 6th Semester, Roll No. 7575 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Omni food in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGG/CS/2020-21/188

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms AMIT of BCA – 6th Semester, Roll No. 7576 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on The Mangle (Puzzle Game) in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGGG College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGG/CS/2020-21/189

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms VIJAY KUMAR of BCA – 6th Semester, Roll No. 7578 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on PROJECT REPORT ON LIBRARY MNG SYSTEM in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



SRI GURU GOBIND SINGH COLLEGE

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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGs/CS/2020-21/190

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms NAKUL of BCA – 6th Semester, Roll No. 7579 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Health and homefit in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/191

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms AMIT KUMAR of BCA – 6th Semester, Roll No. 7580 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Health and homefit in the session 2020-21.

He/She has completed the Project under the guidance of Ms Seema Sharma of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGs/CS/2020-21/192

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms RITIK BADOLA of BCA – 6th Semester, Roll No. 7581 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Shoeop in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/193

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms ARUN KUMAR of BCA – 6th Semester, Roll No. 7582 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on DIET CONSULTANT MANAGEMENT SYSTEM in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/194

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms SWATI of BCA – 6th Semester, Roll No. 7583 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Hair Studio in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/195

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms ATISHYA JAIN of BCA – 6th Semester, Roll No. 7584 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on BOOKSTORE in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/196

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms RAJAT SINGH NEGI of BCA – 6th Semester, Roll No. 7585 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Car rental system in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/197

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms ASHISH KUMAR of BCA – 6th Semester, Roll No. 7586 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Pharmacy management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGG/CS/2020-21/198

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms NIKHIL ADLAKHA of BCA – 6th Semester, Roll No. 7587 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Snake Game Java script in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/199

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms BALRAJ VERMA of BCA – 6th Semester, Roll No. 7588 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Car rental system in java in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGG/CS/2020-21/200

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms KIRAN BALA of BCA – 6th Semester, Roll No. 7589 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Online CAFE website in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGs/CS/2020-21/201

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms AMARPREET SINGH of BCA – 6th Semester, Roll No. 7590 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Quiz contest in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/202

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms TANVI of BCA – 6th Semester, Roll No. 7591 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Online CAFE website in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGs/CS/2020-21/203

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms YUVRAJ GANSHI of BCA – 6th Semester, Roll No. 7592 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Fast Food Ordering Website in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/204

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms SHAHIL of BCA – 6th Semester, Roll No. 7593 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Quiz App in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/205

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms RAGHAV GULATI of BCA – 6th Semester, Roll No. 7594 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Cruze food website in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGs/CS/2020-21/206

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms MASIR of BCA – 6th Semester, Roll No. 7595 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on ATM functionality in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGG/CS/2020-21/207

Date: 17-06-2021

To Whom It May Concern

This is to certify that Mr/Ms JAGJOT SINGH CHAWLA of BCA – 6th Semester, Roll No. 7596 has undertaken the Minor/Major Project (Subject Code: BCA-16-605) on Ambuja Industries- Online Shopping Portal in the session 2020-21.

He/She has completed the Project under the guidance of Ms Garima of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



MUSIC BOX MEDIA

ENTERTAINMENT COMPANY

TO WHOM IT MAY CONCERN

This is to certify that **Gurpreet Singh S/O Lt. Balbir Singh** has successfully completed one month (From: 20-09-2021 to 19-10-2021) internship program at Music Box Media. He is a very talented, honest and hardworking person. He bears a good moral character and is extremely helpful. He's sincere in his work and would prove to be a valuable asset to any professional organization with which he is associated with in the future.

We wish him a bright and successful future.

Surinder Singh Rihal
Proprietor
Music Box Media
Chandigarh-India.

Office: Plot 901 Business Park 2 CHANDIGARH-.INDIA





MUSIC BOX MEDIA

ENTERTAINMENT COMPANY

TO WHOM IT MAY CONCERN

This is to certify that **Amandeep S/O Rikhi Ram** has successfully completed one month (From: 20-09-2021 to 19-10-2021) internship program at Music Box Media. He is a very talented, honest and hardworking person. He bears a good moral character and is extremely helpful. He's sincere in his work and would prove to be a valuable asset to any professional organization with which he is associated with in the future.

We wish him a bright and successful future.

Surinder Singh Rihal
Proprietor
Music Box Media
Chandigarh-India.

Office: Plot 901 Business Park 2 CHANDIGARH-.INDIA





D-12, Industrial Area, Phase 1
S.A.S. Nagar (Mohali), Punjab
Telephone : 0172-3047670
Info@greenmedia.com

Dated: 24.9.2021

TO WHOM IT MAY CONCERN:

This is to certify that Mr. Kulwinder Singh, S/o Jasbir Singh has successfully completed 01 month (From: 23.8.2021 to 23.9.2021) internship programme at Green Media, D-12, Ind. Area, Phase-1, Mohali, Punjab.

During the period of his internship programme with us, he was found punctual and hardworking.

We wish his success in life.

For Green Media

Authorized Signatory





NZ Punjabi News

18 September 2021

The College Management
Shri Guru Gobind Singh College
Sector 26
Chandigarh
Re : internship Programme with Nz Punjabi News

Dear AdminStaff ,

This refers to the above mater.

This is to certify that Atinderjit Singh s/o S. Harbans Singh a student of DJMC in Shri Guru Gobind Singh College sector 26 Chandigarh has successfully completed one month long internship program at NZ Punjabi news. During the period of this internship programme with us he was found punctual hard-working and inquisitive. If you have any further question, please do not hesitate to contact.

Kind Regards

Jaspreet Singh
Manager
Nz Punjabi News



MUSIC BOX MEDIA

ENTERTAINMENT COMPANY

TO WHOM IT MAY CONCERN

This is to certify that **Harvinder Kaur D/O Inderpal Singh** has successfully completed one month (From: 20-10-2021 to 19-11-2021) internship program at Music Box Media. She is a very talented, honest and hardworking person. She bears a good moral character and is extremely helpful. She's sincere in her work and would prove to be a valuable asset to any professional organization with which she is associated with in the future.

We wish her a bright and successful future.

Surinder Singh Rihal
Proprietor
Music Box Media
Chandigarh-India.

Office: Plot 901 Business Park 2 CHANDIGARH-.INDIA





MUSIC BOX MEDIA

ENTERTAINMENT COMPANY

TO WHOM IT MAY CONCERN

This is to certify that **Hardeep Singh S/O Mahatma Singh** has successfully completed one month (From: 20-09-2021 to 19-10-2021) internship program at Music Box Media. He is a very talented, honest and hardworking person. He bears a good moral character and is extremely helpful. He's sincere in his work and would prove to be a valuable asset to any professional organization with which he is associated with in the future.

We wish him a bright and successful future.

Surinder Singh Rihal
Proprietor
Music Box Media
Chandigarh-India.

Office: Plot 901 Business Park 2 CHANDIGARH-.INDIA



NAYA LOKYUG

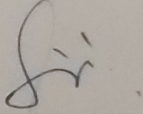
A HINDI DAILY

Ref No NL/30012022/16

Dated 2/1/2022

TO WHOM IT MAY CONCERN

This is to certify that Ms. Kumud, d/o Sh. Rajesh Kumar Sharma, r/o # 588b2, Dharampur Colony, Pinjore (HR), completed ~~his~~ one month internship (training) with our newspaper Naya Lokyug as a trainee from 1st Oct. To 31st Oct., 2021. ~~He~~ She is very hard working and honest towards his duties.


[Editor]

Gate No. 1, Godown No. A-1, Opp. Railway Station, Vill. Dariya, U.T. Chandigarh-01, Mob. No. 9417900639, 99015012482, 8283824811



All Subject to Mansa Jurisdiction only

S. No. 385
M.+91 90410-48405

Daily Des Pardes Mansa

H.O.:- Lalluana Road, MANSA-151505 (Pb.)

Editor: Vijay Bansal

R.N.I. No. 51354/90

Ref. No. 20/DDP/2021

Date 23/10/2021

23 October 2021

The College Administration
Shri Guru Gobind Singh College
Sector 26
Chandigarh
Re: internship program with DAILY DES PARDES NEWS MANSA

Dear Administration Staff

This refers to the above matter.

This is to certify that Gurpreet Singh s/o Buta Singh a student of Diploma in Journalism and Mass Communication studying at Shri Guru Gobind Singh College, Sector 26, Chandigarh has successfully completed his 50 days internship program at DAILY DES PARDES NEWS MANSA. During the internship, Mr. Gurpreet Singh has closely worked under my supervision in Field Journalism. He demonstrated good skills and strategy with self-motivated attitude to learn new things.

We wish him all the best for his future endeavours.



MR. VIJAY BANSAL
EDITOR-IN-CHIEF
DAILY DES PARDES



D-12, Industrial Area, Phase 1
S.A.S. Nagar (Mohali), Punjab
Telephone : 0172-3047670
Info@greenmedia.com

Dated: 24.9.2021

TO WHOM IT MAY CONCERN:

This is to certify that Mr. Amrit Pal Singh, S/o Harinderjit Singh has successfully completed 01 month (From: 23.8.2021 to 23.9.2021) internship programme at Green Media, D-12, Ind. Area, Phase-1, Mohali, Punjab.

During the period of his internship programme with us, he was found punctual and hardworking.

We wish his success in life.

For Green Media

Authorized Signatory



Ref. No. NH/30092021/35Dated 26.09.2021**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that Mr. Sandeep Kumar, s/o Lt. Puran Chand, r/o House no. 726/38 ,
Sector-26 (BDC), Chandigarh, completed his one month internship (training) with Naya Lok
Yug, Gate no 1, Godown No A-1, opp. Railway station Village Dariya, U.T., Chandigarh, as a
trainee from 25th August, 2021 to 25th September, 2021.

Best Regards,

For Naya Lokyug

(RNI No. 46586/87)

NAYA LOKYUG
Gate No. 1, Godown No A-1
Opp. Railway Station,
Vill. Dariya, U.T., Chandigarh
[Editor]



MUSIC BOX MEDIA

ENTERTAINMENT COMPANY

TO WHOM IT MAY CONCERN

This is to certify that **Simranpreet Kaur D/O Gurmail Singh** has successfully completed one month (From: 20-10-2021 to 19-11-2021) internship program at Music Box Media. She is a very talented, honest and hardworking person. She bears a good moral character and is extremely helpful. She's sincere in her work and would prove to be a valuable asset to any professional organization with which she is associated with in the future.

We wish her a bright and successful future.

Surinder Singh Rihal
Proprietor
Music Box Media
Chandigarh-India.

Office: Plot 901 Business Park 2 CHANDIGARH-.INDIA





D-12, Industrial Area, Phase 1
S.A.S. Nagar (Mohali), Punjab
Telephone : 0172-3047670
Info@greenmedia.com

Dated: 24.9.2021

TO WHOM IT MAY CONCERN:

This is to certify that Mr. Bhavjot Singh, S/o Harjinder Singh has successfully completed 01 month (From: 23.8.2021 to 23.9.2021) internship programme at Green Media, D-12, Ind. Area, Phase-1, Mohali, Punjab.

During the period of his internship programme with us, he was found punctual and hardworking.

We wish his success in life.

For Green Media

Authorized Signatory





SRI GURU GOBIND SINGH COLLEGE

(Co-educational, Affiliated to Panjab University, Chandigarh)

Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/208

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Abhinek Kumar of BA-ITE – 6th Semester, Roll No. 3028 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Record Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/209

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Damandeep Kaur of BA-ITE – 6th Semester, Roll No. 3033 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Billing Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/210

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Arbaaz khan of BA-ITE – 6th Semester, Roll No. 3047 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Employee Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/211

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Mohd Gulseb of BA-ITE – 6th Semester, Roll No. 3072 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Student Record Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGG/CS/2020-21/212

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Amandeep Singh of BA-ITE – 6th Semester, Roll No. 3073 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Employee Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/213

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms RAJESH kumar of BA-ITE – 6th Semester, Roll No. 3081 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Record Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/214

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Sahil Singh of BA-ITE – 6th Semester, Roll No. 3135 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Bank Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/215

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Shubham Chaudhary of BA-ITE – 6th Semester, Roll No. 3162 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Student Record Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/216

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Chamba tokdan of BA-ITE – 6th Semester, Roll No. 3177 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Bank Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/217

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Rinku of BA-ITE – 6th Semester, Roll No. 3182 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Billing Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/218

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Umesh of BA-ITE – 6th Semester, Roll No. 3203 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Employee Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/219

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Sushil kumar of BA-ITE – 6th Semester, Roll No. 3212 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Record Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/220

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Rajiv of BA-ITE – 6th Semester, Roll No. 3227 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Blood Bank Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/221

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Amanpreet Singh of BA-ITE – 6th Semester, Roll No. 3253 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Enrollment system in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGs/CS/2020-21/222

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Ankita Chawla of BA-ITE – 6th Semester, Roll No. 3279 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Blood Bank Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/223

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Deepak Negi of BA-ITE – 6th Semester, Roll No. 3286 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Billing Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/224

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Manjot singh mani of BA-ITE – 6th Semester, Roll No. 3307 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Blood Bank Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
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Ref No: SGGS/CS/2020-21/225

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Vijay Tiwari of BA-ITE – 6th Semester, Roll No. 3319 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Employee Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/226

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Deepak of BA-ITE – 6th Semester, Roll No. 3328 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Record Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/227

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Deepak of BA-ITE – 6th Semester, Roll No. 3363 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Employee Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



SRI GURU GOBIND SINGH COLLEGE

(Co-educational, Affiliated to Panjab University, Chandigarh)

Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/228

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Stanzin Angdu of BA-ITE – 6th Semester, Roll No. 3385 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Student Record Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/229

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Jatin Kumar of BA-ITE – 6th Semester, Roll No. 3388 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Billing Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/230

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms koushal verma of BA-ITE – 6th Semester, Roll No. 3394 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Billing Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/231

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Mohmed Sameer of BA-ITE – 6th Semester, Roll No. 3405 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Enrollment system in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/232

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms nishtha arora of BA-ITE – 6th Semester, Roll No. 3426 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Book Shop Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/233

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Prakriti rai of BA-ITE – 6th Semester, Roll No. 3427 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Employee Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/234

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Deepak kumar of BA-ITE – 6th Semester, Roll No. 3428 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Employee Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/235

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Yogesh of BA-ITE – 6th Semester, Roll No. 3449 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Student Record Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/236

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Akashdeep singh of BA-ITE – 6th Semester, Roll No. 3468 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Book Shop Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/237

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Virat Anand of BA-ITE – 6th Semester, Roll No. 3495 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Student Record Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGG/CS/2020-21/238

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Harish of BA-ITE – 6th Semester, Roll No. 3534 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Billing Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



SRI GURU GOBIND SINGH COLLEGE

(Co-educational, Affiliated to Panjab University, Chandigarh)

Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/239

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Priyanka of BA-ITE – 6th Semester, Roll No. 3535 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Book Shop Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/240

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Hemant Kumar of BA-ITE – 6th Semester, Roll No. 3535 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Enrollment system in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/241

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Rahul Preet of BA-ITE – 6th Semester, Roll No. 3538 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Record Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGG/CS/2020-21/242

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Manish Kumar of BA-ITE – 6th Semester, Roll No. 3551 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Book Shop Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/243

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Jaswant Singh of BA-ITE – 6th Semester, Roll No. 3565 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Bank Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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(Co-educational, Affiliated to Panjab University, Chandigarh)

Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/244

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Yogesh kumar of BA-ITE – 6th Semester, Roll No. 3573 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Student Record Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/245

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Anil kumar of BA-ITE – 6th Semester, Roll No. 3583 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Bank Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/246

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Rohit of BA-ITE – 6th Semester, Roll No. 3584 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Student Record Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/247

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Vijay Kumar of BA-ITE – 6th Semester, Roll No. 3615 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Enrollment system in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/248

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Vicky Robert of BA-ITE – 6th Semester, Roll No. 3645 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Record Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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(Co-educational, Affiliated to Panjab University, Chandigarh)

Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/249

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Chandan narula of BA-ITE – 6th Semester, Roll No. 3657 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Book Shop Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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(Co-educational, Affiliated to Panjab University, Chandigarh)

Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/250

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Kishan malla of BA-ITE – 6th Semester, Roll No. 3687 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Billing Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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(Co-educational, Affiliated to Panjab University, Chandigarh)

Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/251

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Shubham of BA-ITE – 6th Semester, Roll No. 3716 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Blood Bank Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/252

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Rahul gupta of BA-ITE – 6th Semester, Roll No. 3749 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Record Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/253

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Divanshu Gupta of BA-ITE – 6th Semester, Roll No. 3753 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Blood Bank Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/254

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Muskan of BA-ITE – 6th Semester, Roll No. 3766 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Student Record Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/255

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Ayush of BA-ITE – 6th Semester, Roll No. 3794 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Book Shop Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/256

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Anil kumar of BA-ITE – 6th Semester, Roll No. 3815 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Billing Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

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(PG Department of Computer Science)

Principal



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Ref No: SGGS/CS/2020-21/257

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Aakash of BA-ITE – 6th Semester, Roll No. 3835 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Blood Bank Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/258

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Jaspreet Johal of BA-ITE – 6th Semester, Roll No. 3848 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Student Record Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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(Co-educational, Affiliated to Panjab University, Chandigarh)

Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGG/CS/2020-21/259

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Ankit Gururani of BA-ITE – 6th Semester, Roll No. 3859 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Enrollment system in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGG/ College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/260

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Arjun Lamba of BA-ITE – 6th Semester, Roll No. 3864 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Record Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/261

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Himani Verma of BA-ITE – 6th Semester, Roll No. 3874 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Billing Management System in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGS/CS/2020-21/262

Date: 21-06-2021

To Whom It May Concern

This is to certify that Mr/Ms Sonu kumar of BA-ITE – 6th Semester, Roll No. 3887 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Enrollment system in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGS College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal



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Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Ref No: SGGs/CS/2020-21/263

Date: 21-06-2021

To Whom It May Concern

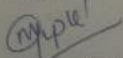
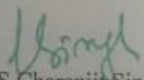
This is to certify that Mr/Ms Virender Singh of BA-ITE – 6th Semester, Roll No. 3890 has undertaken the Minor/Major Project (Subject Code: Paper-D) on Record Management in the session 2020-21.

He/She has completed the Project under the guidance of Ms Vikramjit Kaur of the PG Department of Computer Science, SGGs College, Sector-26, Chandigarh.

Head of Department
(PG Department of Computer Science)

Principal

Permission Letter (Sample)

	SRI GURU GOBIND SINGH COLLEGE Co-educational, affiliated to Panjab University, Chandigarh Sector-26, Chandigarh -160 019, ☎ (0172) 2792754, Telefax : (0172) 2790312
Ref. No. <u>238</u>	Dated <u>14/01/2021</u>
To _____ _____ _____	
<u>Subject : Practical Training</u>	
Sir/Madam,	
Department of Computer Science, Sri Guru Gobind Singh College is one of the renowned Computer Science Departments affiliated to Panjab University, Chandigarh. As per the course curriculum of M.Sc(IT) Fourth Semester, the students are required to undergo a training for six months duration. Practical training is an important aspect of the degree so as to bring students in contact with the real IT industry environment, which is essential to hone their technical skills. During the duration of this training, the students are required to make a project and project report. The project will involve development of application/system software. You are requested to consider Komal Mehra College Roll No.21801 son/daughter of Vijay Kumar Session 2021 (Fourth Semester) for six months practical training to be commenced from February, 2021 in your esteemed organization. After the completion of training you are requested to issue the certificate of training and evaluation/performance report of the student.	
Regards,  (Meena Jindal) Placement and Training Incharge. Department of Computer Science	
 (Dr. Gurpreet Kaur) HOD-Computer Science	 (S.Charanjit Singh) Principal



SRI GURU GOBIND SINGH COLLEGE

Co-educational, affiliated to Panjab University, Chandigarh

Sector-26, Chandigarh -160 019, ☎ (0172) 2792754, Telefax : (0172) 2790312

Ref. No.....238.....

Dated..14/01/2021...

To

Subject : Practical Training

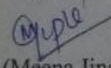
Sir/Madam,

Department of Computer Science, Sri Guru Gobind Singh College is one of the renowned Computer Science Departments affiliated to Panjab University, Chandigarh. As per the course curriculum of M.Sc(IT) Fourth Semester, the students are required to undergo a training for six months duration. Practical training is an important aspect of the degree so as to bring students in contact with the real IT industry environment, which is essential to hone their technical skills.

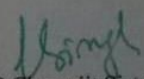
During the duration of this training, the students are required to make a project and project report. The project will involve development of application/system software.

You are requested to consider Sharanjeet Kaur, College Roll No. 21805 son/daughter of S. Santokh Singh Session 2021 (Fourth Semester) for **six months practical training to be commenced from February, 2021** in your esteemed organization. After the completion of training you are requested to issue the certificate of training and evaluation/performance report of the student.

Regards,


(Meena Jindal)
Placement and Training Incharge.
Department of Computer Science


(Dr. Gurpreet Kaur)
HOD-Computer Science


(S. Charanjit Singh)
Principal



SRI GURU GOBIND SINGH COLLEGE

Co-educational, affiliated to Panjab University, Chandigarh

Sector-26, Chandigarh -160 019, ☎ (0172) 2792754, Telefax : (0172) 2790312

Ref. No. 238.....

Dated...14/01/2021..

To

Subject : Practical Training

Sir/Madam,

Department of Computer Science, Sri Guru Gobind Singh College is one of the renowned Computer Science Departments affiliated to Panjab University, Chandigarh. As per the course curriculum of M.Sc(IT) Fourth Semester, the students are required to undergo a training for six months duration. Practical training is an important aspect of the degree so as to bring students in contact with the real IT industry environment, which is essential to hone their technical skills.

During the duration of this training, the students are required to make a project and project report. The project will involve development of application/system software.

You are requested to consider Yash Madaan, College RollNo. 21806 son/daughter of Sh. Mahesh Kumar Madaan Session 2021 (Fourth Semester) for **six months practical training to be commenced from February, 2021** in your esteemed organization. After the completion of training you are requested to issue the certificate of training and evaluation/performance report of the student.

Regards.

(Meena Jindal)
Placement and Training Incharge.
Department of Computer Science

(Dr. Gurpreet Kaur)
HOD-Computer Science

(S.Charanjit Singh)
Principal



SRI GURU GOBIND SINGH COLLEGE

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Sector-26, Chandigarh -160 019, ☎ (0172) 2792754, Telefax : (0172) 2790312

Ref. No. 238

Dated 14/01/2021

To

Subject : Practical Training

Sir/Madam,

Department of Computer Science, Sri Guru Gobind Singh College is one of the renowned Computer Science Departments affiliated to Panjab University, Chandigarh. As per the course curriculum of M.Sc(IT) Fourth Semester, the students are required to undergo a training for six months duration. Practical training is an important aspect of the degree so as to bring students in contact with the real IT industry environment, which is essential to hone their technical skills.

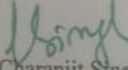
During the duration of this training, the students are required to make a project and project report. The project will involve development of application/system software.

You are requested to consider Divya Verma, College RollNo.21808 son/daughter of Sh. Ram Krishan Session 2021 (Fourth Semester) for **six months practical training to be commenced from February, 2021** in your esteemed organization. After the completion of training you are requested to issue the certificate of training and evaluation/performance report of the student.

Regards,


(Meena Jindal)
Placement and Training Incharge.
Department of Computer Science


(Dr. Gunpreet Kaur)
HOD-Computer Science


(S. Charanjit Singh)
Principal

Project Report (Sample)

**SRI GURU GOBIND SINGH COLLEGE
SECTOR-26, CHANDIGARH**



**Major Project Report on
“BOOK STORE”**

MS-21(Major Project)

Project Submitted in the partial fulfillment of
the degree of Masters in Science (IT) under
Panjab University, Chandigarh.

SESSION 2019-2021



SUBMITTED TO: -

Ms. Meena Jindal
[Placement and Training Incharge
Department of Computer Science]

SUBMITTED BY:-

Komal Preet
Roll No- 21803
M.Sc. IT- 4th Sem

ACKNOWLEDGEMENT

“The successful completion of any task would be incomplete without accomplishing the people who made it all possible and whose constant guidance and encouragement secured us the success.”

I am grateful to my college professors and my friends for their astute guidance, constant encouragement and sincere support for this project work.

I would like to thank OOPS solutions Pvt. Ltd. For providing me with an opportunity to pursue my industrial training, as it is an important part of the MSC (IT) course and it is the one that exposes you to the industry standards and makes you adapt yourself to the latest trends and technologies. At the same time, it gives an experience of working on a project.

I feel proud and privileged in expressing my deep sense of gratitude to all those who have helped me in presenting this project. I would be failing in my endeavor if I do not place my acknowledgment.

Komal Preet

M.Sc(IT)

Panjab University, Chandigarh.

CERTIFICATE



An ISO 9001:2015 CERTIFIED

Oops InfoSolutions Pvt. Ltd.

S.C.O. 112-113, 2nd Floor,
Sector 34-A, Chandigarh
Ph : 0172-5009244, Mobile : 9855222244
Website : www.oopsinfosolution.com
e-mail : info@oopsinfosolution.com

Ref No:- CGF/170/2021

Date : June 24, 2021

Certificate of Training

This is to confirm that Ms. **Komal Preet** D/O Rashpal Singh, Roll no – **21803**, M.Sc. (IT), Panjab University, Chandigarh is completing her 6 months training in Javascript and NodeJS Technology started on 15th March 2021 to Till date from our esteemed organization under the guidance of Mr. Manjit Singh. She developed project titled 'E-Commerce' in Javascript and NodeJS Technology.



Yours Sincerely,

Name : Manjit Singh

Designation : Director

Email ID(Mandatory): info@oopsinfosolution.com

Contact No. (Mandatory): 9855222244,9855222215,01725009244

SELF DECLARATION

I hereby declare that the Industrial Training Report on E-commerce System entitled "Book Store" is an authentic record of my own work as requirements of 6-months Industrial Training in which I have completed my 3 months and pursuing the training, for the award of degree of Msc-IT, Sri Guru Gobind Singh college (Chandigarh).

Komal Preet

M.Sc.IT

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INTRODUCTION

The main objective of the project is to create an online book store that allows users to purchase old books as well as new books, novels, comics, magazine etc from the book store. The selected books are displayed in a tabular format and the user can order their books online through cash on delivery.

The Administrator will have additional functionalities when compared to the common user. The customers can select a book later can add to the shopping cart. The users can login using his account details or new customers can set up an account very quickly.

The website will provide the basic functionalities the users and that is selecting the book and putting the same in the cart and purchasing it in the end. Rather than this are the users will also get the facility to browser the complete site either being a guest or as are registered customer. But in order to purchase users have to become a registered customer

The administrator is responsible and authorized to fill up to data into the databases as well as update to data accordingly data filled by person during registration will be entered into database by utility provided our software is easy to use for beginners and advanced users It features a familiar and well throughout an attractive user interface.

OBJECTIVE OF OUR PROJECT

The aim of our project is to computerize and manage the activities handled in a Book Store. This enables us to keep track of the daily reports which include details, collection amount, book arrangement and the mode of travelling etc. This can be implemented with all type of Book Store which will help to reduce the manual tasks. The scope is to shop while being in the comfort of your own home, without having to step out of the door.

SYSTEM ANALYSIS & SYSTEM FEASIBILITY STUDY

Phase 1: Requirement collection and analysis

The requirement is the first stage in the SDLC process. It is conducted by the senior team members with inputs from all the stakeholders and domain experts in the industry. Planning for the quality assurance requirements and reorganization of the risks involved is also done at this stage.

This stage gives a clearer picture of the scope of the entire project and the anticipated issues, opportunities, and directives which triggered the project.

Requirements Gathering stage need teams to get detailed and precise requirements. This helps companies to finalize the necessary timeline to finish the work of that system.

Phase 2: Feasibility study

Once the requirement analysis phase is completed the next step is to define and document software needs. This process conducted with the help of 'Software Requirement Specification' document also known as 'SRS' document. It includes everything which should be designed and developed during the project life cycle.

There are mainly five types of feasibilities checks:

- Economic: Can we complete the project within the budget or not?
- Legal: Can we handle this project as cyber law and other regulatory framework/compliances?
- Operation feasibility: Can we create operations which are expected by the client?
- Technical: Need to check whether the current computer system can support the software

Schedule: Decide that the project can be completed within the given schedule or not

Phase 3: Design

In this third phase, the system and software design documents are prepared as per the requirement specification document. This helps define overall system architecture. This design phase serves as input for the next phase of the model.

Front End Technologies

HTML



Hypertext Markup

Language (HTML) is the standard markup language for creating web pages and web applications. With Cascading Style Sheets (CSS) and JavaScript, it forms a triad of cornerstone technologies for the World Wide Web

Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page. HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. HTML elements are delineated by *tags*, written using angle brackets

The first publicly available description of HTML was a document called "HTML Tags", first mentioned on the Internet by Tim Berners-Lee in late 1991.

USE OF HTML (as per our project)

- The HTML has been used to make different forms in our project such as login form, sign-up form, change password, forget
- Different form controls for making forms has been used.
- Hyperlinks which are used for connecting to other pages.
- For adding responsive images on web pages.

CSS



Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language like HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file, and reduce complexity and repetition in the structural content.

USE OF CSS (as per our project)

- CSS is the style sheet language for describing the presentation and design of web pages including colors, fonts, and layouts.
- It is mainly designed to enable the distinction between presentation and content, including colors, layouts, and fonts.
- CSS plays a very important role while performing website maintenance. It makes website maintenance much easier. The CSS file makes the website look and feels more flexible and it can be altered in a more convenient manner.
- From the accessibility point of view, applications of CSS provides much better solutions that allow users to update the user interface to suit the business requirements.
- CSS provides the styling Library, and this helps to output images along with the XML to the browser. Initially, it was a bit difficult to update and style the existing image. But now using the CSS files, output images can be received in different formats like jpeg, png, and gif and this can be modified to the specified styling formats as per the requirement

JAVASCRIPT



JavaScript is an object-based scripting language and it is light weighted. It is first implemented by **Netscape** (with help from Sun Microsystems). JavaScript was created by **Brendan Eich** at Netscape in **1995** for the purpose of

allowing code in web-pages (performing logical operation on client side). Using HTML we can only design a web page but you cannot run any logic on web browser like addition of two numbers, check any condition, looping statements(for, while), decision making statement(if-else) etc. All these are not possible using HTML so for perform these entire task we use JavaScript. Using HTML we can only design a web page if we want to run any programs like c programming we use JavaScript. Suppose we want to print sum of two numbers then we use JavaScript for coding.

USE OF JAVASCRIPT (as per our project)

- Client-side validation.
- Dynamic drop-down menus.
- Displaying date and time.
- Validate user input in an HTML form before sending the data to a server.
- Build forms that respond to user input without accessing a server.
- Change the appearance of HTML documents and dynamically write HTML into separate Windows.
- Open and close new windows or frames.

AJAX

Ajax is a set of web development techniques using many web technologies on the client side to create asynchronous web applications. With Ajax, web applications can send and retrieve data from a server asynchronously (in the background) without interfering with the display and behavior of the existing page. By decoupling the data interchange layer from the presentation layer, Ajax allows web pages and, by extension, web applications,

to change content dynamically without the need to reload the entire page. In practice, modern implementations commonly utilize JSON instead of XML

USE OF AJAX (as per our project)

- Ajax is used to develop more interactive, smooth user experience.
- The main benefit of developing websites using Ajax is to help web browsers retrieve more data without causing a web page to refresh.
- The term Ajax stands for Asynchronous JavaScript and XML and it's the asynchronous part that is important in allowing us to update parts of web page without those annoying refreshes.

jQUERY

jQuery is a JavaScript library designed to simplify HTML DOM tree traversal and manipulation, as well as event handling, CSS animation, and Ajax. It is free, open-source software using the permissive MIT License. Web analysis (from 2017) indicates that it is the most widely deployed JavaScript library by a large margin.

jQuery's syntax is designed to make it easier to navigate a document, select DOM elements, create animations, handle events, and develop Ajax applications. jQuery also provides capabilities for developers to create plug-ins on top of the JavaScript library. This enables developers to create abstractions for low-level interaction and animation, advanced effects and high-level, themeable widgets. The modular approach to the jQuery library allows the creation of powerful dynamic web pages and Web applications.

USE OF jQuery (as per our project)

- Effects and animations
- DOM Manipulation - The jQuery made it easy to select DOM elements, negotiate them and modify them using a cross-browser open source selector engine called Sizzle.

- Animation & Ajax Support - The jQuery comes with plenty of built-in animation effects. It also helps you a lot in developing a responsive and feature rich site using AJAX technology. Hence, use of jQuery is preferred by most web developers to make web pages more exciting, interactive, cleaner and more user-friendly.
- Ease of learning - jQuery doesn't require any particular prerequisites to learn and is very simple as it is built on a shorter code than JavaScript. The simple coding standards and coding syntax, the time required to develop and deploy a website can be reduced considerably.

BACKEND

Node js



Node.js is a runtime for JavaScript that runs on the server. Node.js is open source, cross platform

and since its introduction in 2009. node.js runs the V8 JavaScript engine, the core of

goggle chrome, outside of the browser. Node.js is an open source, cross-platform runtime environment for developing server-side and networking applications.

Node.js applications are written in JavaScript, and can be run within the Node.js runtime on OS X, Microsoft Windows, and Linux. Node.js also provides a rich library of various JavaScript modules which simplifies the development of web applications using Node.js to a great extent.

Node.js applications are written in JavaScript and can be run on a wide variety of operating systems. Node.js is based on an event-driven architecture and a non-blocking Input/output API that is designed to optimize an application's throughput and scalability for real-time web applications.

Node.js there is finally a way for web applications to have a real-time, two-way connections, where both the client and server can initiate communication, allowing them to exchange data freely.

Features: -

- Asynchronous and Event Driven
- Very Fast
- Single Threaded but Highly Scalable
- No Buffering
- License
- Very Simple
- Handling of concurrency

MY SQL

MySQL is an open-source relational database management system (RDBMS). Its name is a combination of “My”, the name of co-founders Michael Widenius's daughter and "SQL", the abbreviation for Structured Query Language. The MySQL development project has made its source code available under the terms of the GNU General Public License, as well as under a variety of proprietary agreements. MySQL was owned and sponsored by a single for-profit firm, the Swedish company MySQL AB, now owned by Oracle Corporation.

Features:-

Major features as available in MySQL 5.6:

- A broad subset of ANSI SQL 99, as well as extensions
- Cross-platform support
- Stored procedures, using a procedural language that closely adheres to SQL/PSM[62]
- Triggers
- Cursors
- Updatable views
- Information schema
- Partitioned tables with pruning of partitions in optimizer
- Shared-nothing clustering through MySQL Cluster
- Multiple storage engines, allowing one to choose the one that is most effective for each table in the application.

- Commit grouping, gathering multiple transactions from multiple connections together to increase the number of commits per second.

TOOLS TO BE USED FOR DEVELOPMENT

Express.js

Express.js is a Node.js based free and open-source web framework, Express is a minimal and flexible Node.js web application framework that provides a robust set of features to develop web and mobile applications. It facilitates the rapid development of Node based Web applications. Following are some of the core features of Express framework –

- Allows to set up middleware to respond to HTTP Requests.
- Defines a routing table which is used to perform different actions based on HTTP Method and URL.
- Allows to dynamically render HTML pages based on passing arguments to templates.

WAMPP



WAMPP is a free and open source cross-platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, MariaDB database, and interpreters for scripts written in the PHP and Perl programming languages.

WAMPP stands for Cross-Platform (X), Apache (A), MariaDB (M), PHP (P) and Perl (P). It is a simple, lightweight Apache distribution that makes it extremely easy for developers to create a local web server for testing and deployment purposes.

Everything needed to set up a web server – server application (Apache), database (MariaDB), and scripting language (PHP) – is included in an extractable file. WAMPP is also cross-platform, which means it works equally well on Linux, Mac and Windows. Since most actual web server deployments use the same components as WAMPP, it makes transitioning from a local test server to a live server extremely easy as well.

HARDWARE & SOFTWARE REQUIREMENTS

HARDWARE REQUIREMENTS:

Hardware requirements include that hardware which is required for its working. It includes:

- 4 GB RAM minimum, 8 GB RAM recommended.
- 1.5 GB hard disk space
- 1024x768 minimum screen resolutions.

SOFTWARE REQUIREMENTS:

The technical specifications of requirements for the software are as follows:

Windows:

- Microsoft Windows 10/8/7 (incl.64-bit)
- 1 GB RAM minimum
- 2 GB RAM recommended
- 1024x768 minimum screen resolution
- Node.js 3.5

Mac:

- Mac OS X 10.8 or higher
- 1 GB RAM minimum
- 2 GB RAM recommended
- Node.js 3.5

Linux:

- 512 MB RAM minimum, 1 GB RAM recommended
- 1024x768 minimum screen resolution
- Node.js 3.5

E-R DIAGRAM

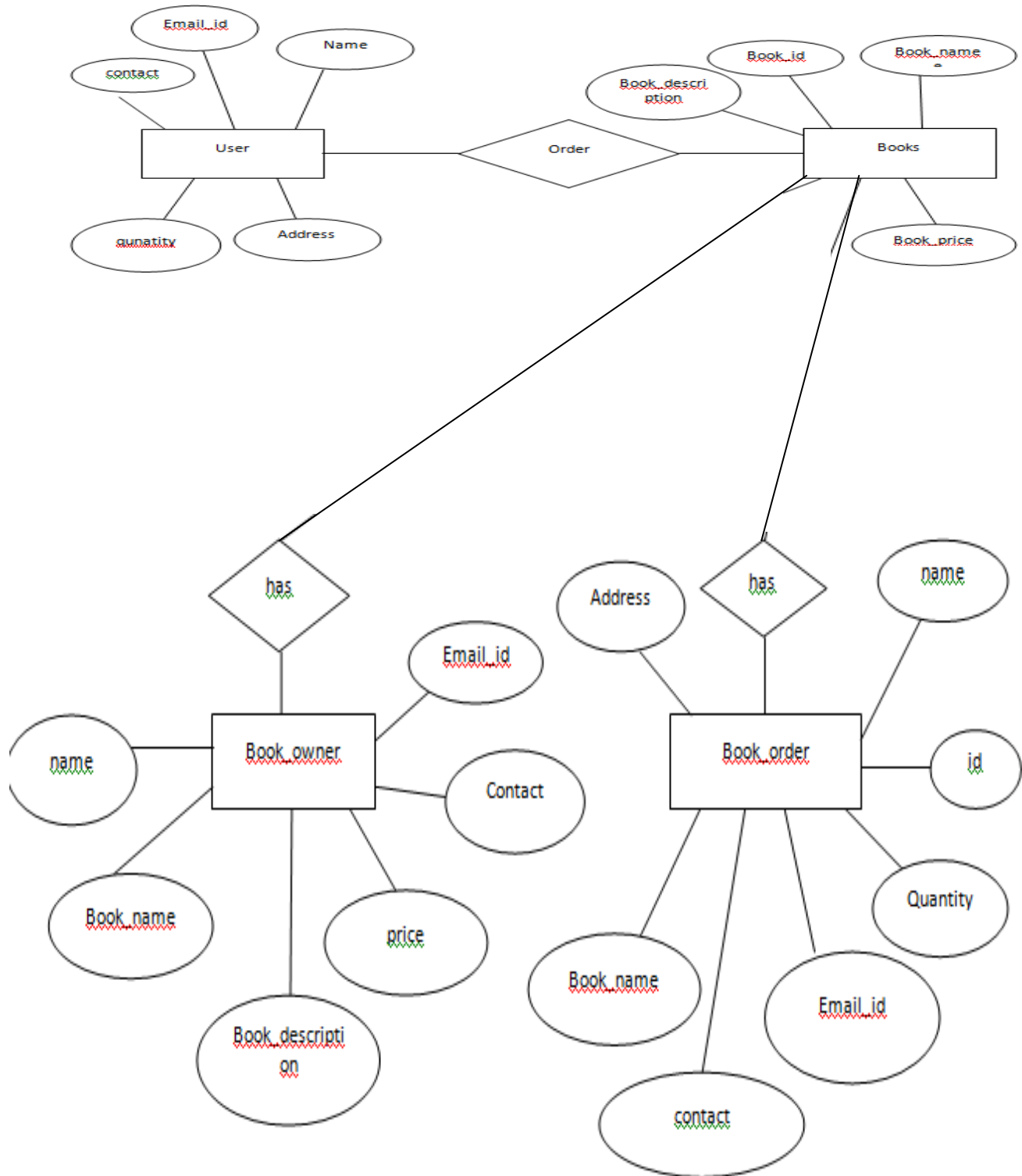


Table Design

1) Admin Table

Email	Varchar(50)	PK
Password	Varchar(50)	

2) User sign up table

Id	Varchar(10)	PK
user_name	Varchar(30)	
phone	Varchar(15)	
email	Varchar(25)	
password	Varchar(20)	
address	Varchar(40)	
City	varchar(20)	
country	Varchar(30)	
profile_picture	Varchar(30)	

3) Upload Book

Id	Varchar(10)	PK
Name	Varchar(25)	
Description	Varchar(30)	
Price	Varchar(15)	
Figure	Varchar(25)	

4) Buy book from shop

Id	Varchar(10)	PK
book_name	Varchar(25)	
Address	Varchar(30)	
Phone	Varchar(25)	
email_address	Varchar(30)	
book_shop_name	Varchar(30)	
City	Varchar(25)	

5) Cart

Id	Varchar(10)	PK
product_id	Varchar(10)	
product_name	Varchar(20)	
Price	Varchar(20)	
Quantity	Varchar(30)	

6) Feedback

Id	Varchar(25)	PK
Name	Varchar(30)	
Address	Varchar(35)	
email_address	Varchar(25)	
City	Varchar(30)	

TESTING

Testing is the major quality control measure employed during software development. **Testing** is the process of executing the program with the intent of finding an error. No piece of code is completely ready unless it has been fully tested. This stage is very important. At this stage it is verified whether the code developed meet the requirement specification or not. However, all validation is also checked in the testing stage.

During earlier development phases an attempt is made to build software from an abstract concept to tangible implementation. Software testing is a critical element of software quality assurance and represents ultimate review of specification; design and coding notion of “correctness” of the software just developed and overcome a conflict of interest that occur sheen errors are recovered. A thorough testing of system before any implementation is mandatory as regards its individual programs the system as a whole user acceptance of the system etc. This is because implementing a new system is a major job, which requires a lot of man-hours and other resources, so an error not detected before implementation may cost a lot. Effective testing early in a process is also necessary because in some cases a small error not detected and corrected early before installation may explore into much large problems.

After programming and testing comes the stage of installing the computerized system. It has the enormous responsibilities of detecting any type of error that may be in the software. Actual

implementation of the system can be begin at this point using either of parallel or direct change over plan or a blend of the two.

All these factors mean that testing cannot be done on the fly, as, is often done by programmers. It has to be carefully planned and the plan has to be properly exacted. The testing process focuses on how testing should proceed for a particular project.

IMPLEMENTATION

The implementation phase is less creative than system design. It is primarily concerned with user training, site preparation and file conversion. In this phase I focus on one things viz. to train the users to use the various tools provides in the software project and to provide them the information about the use of the software.

Users are the one I can never forget throughout my project. During the final testing user acceptance is tested, followed by user training. For the new users start working on the computer, some of the tools are a new concept. It will be required to teach and train them before implementing software. Each and every user should be clear about what he has to do and how to do it.

For the user training, help is provided in the software about each and every component. More than that most of the components are self-exploratory from their name.

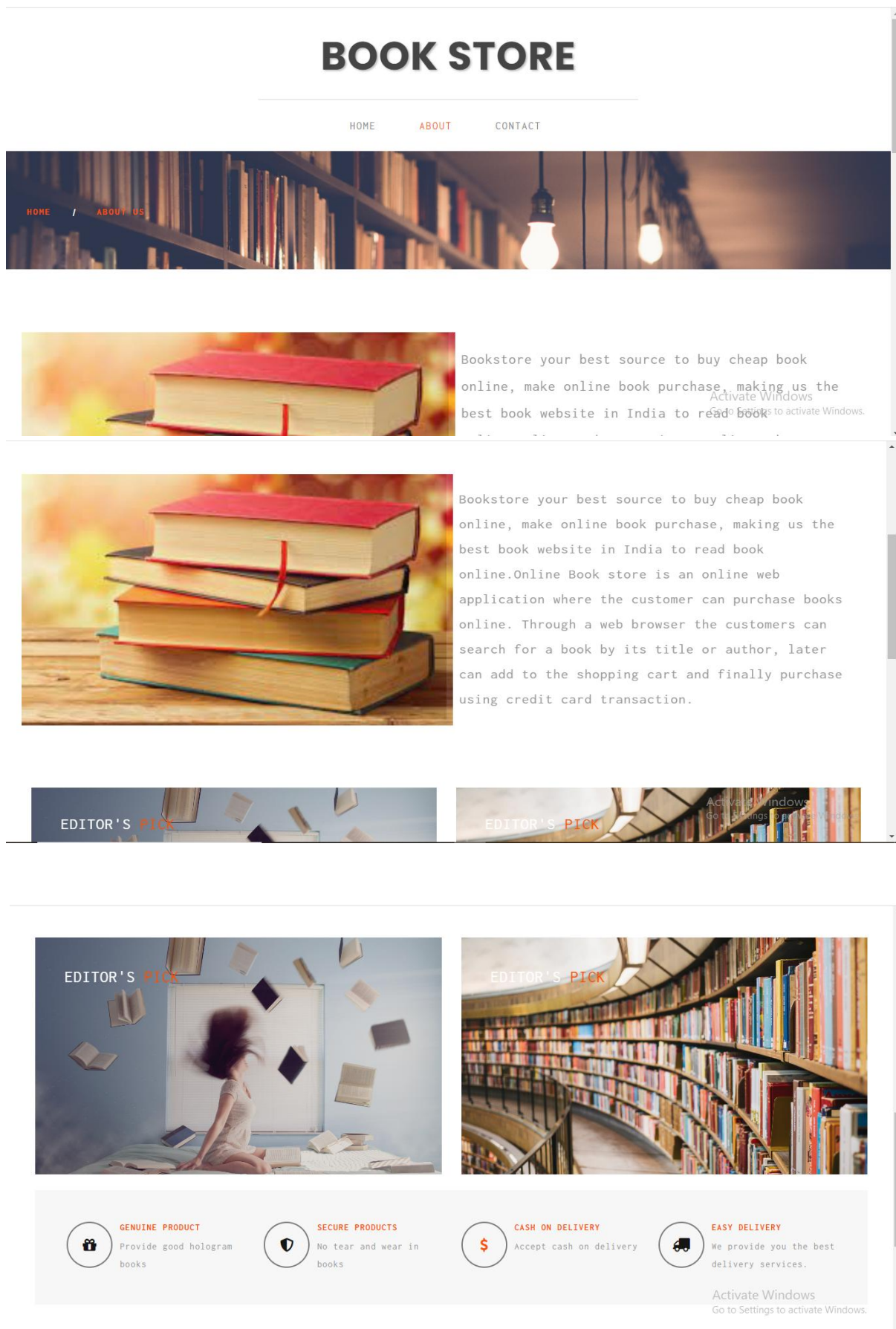
MAINTENANCE

After I have installed the software my next objective is to evaluate and maintain the system. Maintenance is very important aspect of the system since its objective is to continue to bring the new

system to the standards. Maintenance includes maintaining the hardware as well as software. Hardware requires maintenance to keep in tune with the system design. Software requires maintenance because may be the new information is inconsistent with design specifications, and then arises the need to make changes in the software. Maintenance can be classified as corrective, adoptive and prefecture.

Corrective maintenance means repairing processing or performance failures or making changes because of previously uncorrected problems or false assumptions. Adaptive maintenance means changing the program functions. Prefecture maintenance means enhancing the performance or modifying the programs to respond to the user's additional or changing needs. Modifications as required by the users are done and reviews are conducted.

ABOUT US PAGE



CONTACT US

Contact

WE LOVE TO DISCUSS YOUR IDEA

 Address California, USA	 Email Email : mail@example.com	 Phone +1 234 567 8901
--	---	--

NAME

EMAIL

SUBJECT

MESSAGE

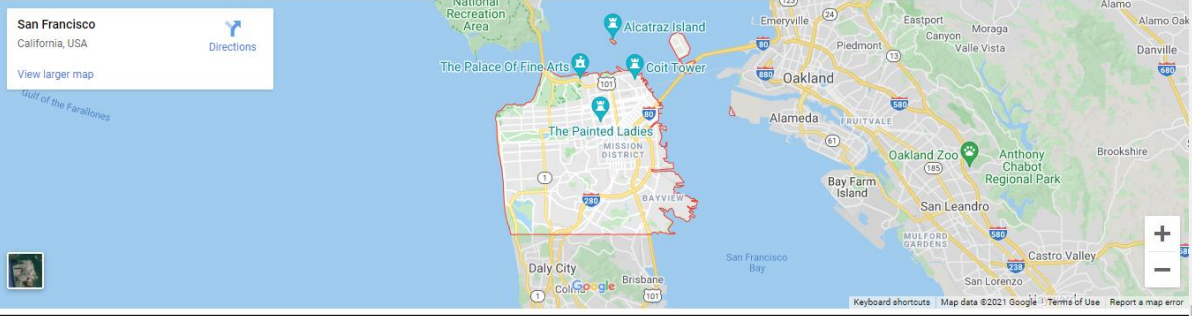
SUBMIT

San Francisco

California, USA

View larger map

Directions



Keyboard shortcuts Map data ©2021 Google Terms of Use Report a map error

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[f](#) [t](#) [G+](#) [in](#) [v](#) [w](#)

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Location :
0926k 4th block building, king Avenue, New York City.

Contact :
Phone : +121 098 8907 9987

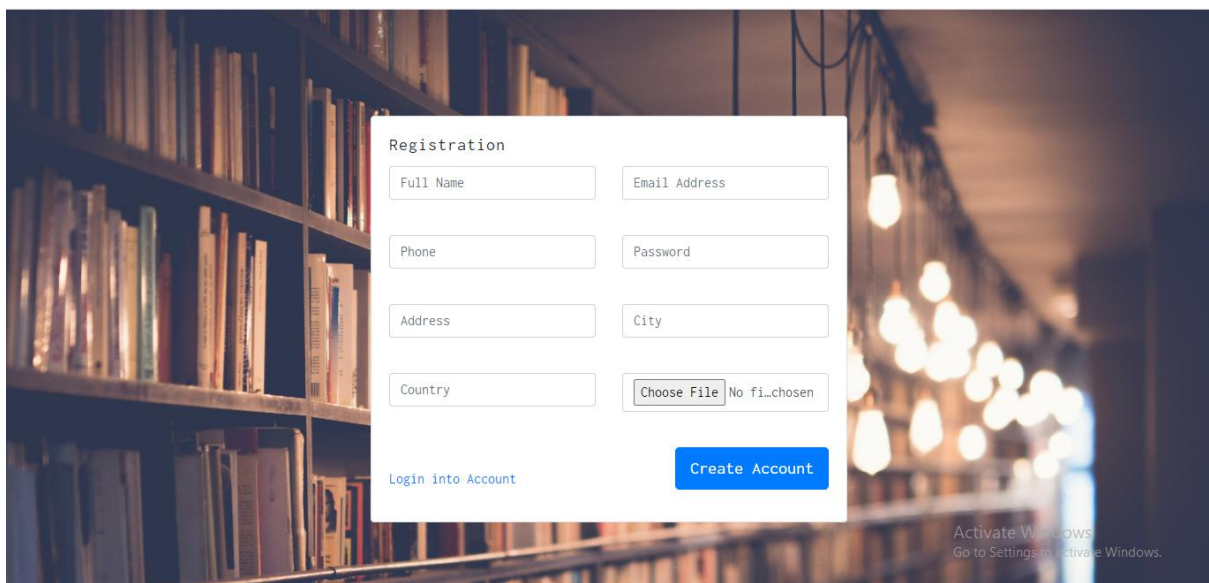
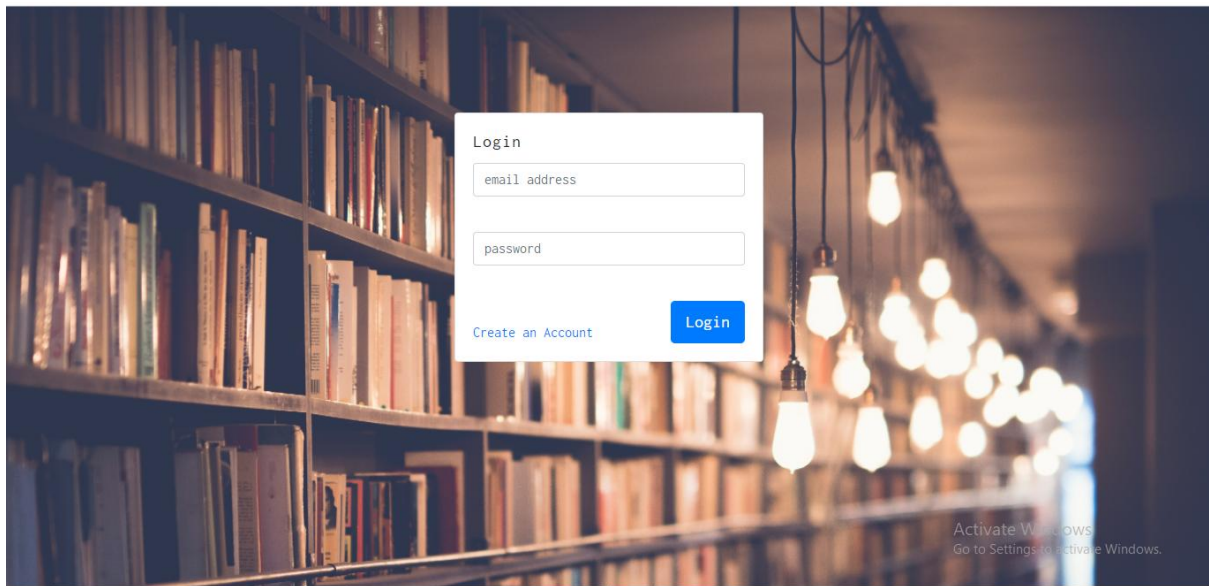
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[About](#)

[Contact Us](#)

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Go to Settings to activate Windows.

LOGIN PAGE



ADMIN LOGIN

Bookstore[Logout](#)

[Delete Book](#)[Delete User](#)[View Orders](#)[View Feedback](#)[View contact details](#)

#	Name	Description	Figure	Price	Actions
1	UX Design Principles	One of the most frustrating aspects of a designer's job is receiving vague feedback from clients, leaders, and peers. The subjectivity inherent in design renders it difficult to create a shared understanding and this shows up frequently in the form of differing opinions of each individual in their design philosophies. The book "UX Design Principles", written by Tarun Kohli, is a compilation of the principles codified by him to bring method to the madness. The book will help the creative teams and product evangelists understand the importance of design principles.		395	Delete
30	Think Like a Monk	Think Like a Monk includes a combination of ancient wisdom and Jay Shetty personal experiences. Think Like a Monk shows you how to clear the roadblocks to your potential by overcoming negative thoughts, accessing stillness, and creating true purpose. It can be challenging to apply the lessons of monks to busy		250	Delete

Bookstore[Logout](#)

[Delete Book](#)[Delete User](#)[View Orders](#)[View Feedback](#)[View contact details](#)

#	Username	Email	Password	Picture	Actions
11	ksid	komals@gmail.com	komal		Delete
12	admin	admin@gmail.com	admin		Delete
14	ritika	ritika@gmail.com	ritika		Delete
16	simarpreet	simarpreet@gmail.com	simar		Delete

Activate Windows
Go to Settings to activate Windows.

[Delete Book](#)[Delete User](#)[View Orders](#)[View Feedback](#)[View contact details](#)

#	Book Name	Email	Address	Contact	Book Shop Name	City	Actions
7	think like monk	joban3@gmail.com	123	987445	jayb	chd	Delete
8	think like monk	komal@gmail.com	123	87458	jayb	mohali	Delete
9	think like monk	komals@gmail.com	5317 sec 57	987987	jayb	chandigarh	Delete
10	think like monk	komal@gmail.com	5231	987456	jayb	chandigarh	Delete
11	rich dad poor dad	simar@gmail.com	978	20085201	new book collection	jalandhar	Delete

Activate Windows
Go to Settings to activate Windows.

[Delete Book](#)[Delete User](#)[View Orders](#)[View Feedback](#)[View contact details](#)

#	Name	Email	Address	Contact	City	Actions
2	komal	jobanb@gmail.com	123	987445	chandigarh	Delete
3	komal	komals@gmail.com	53174 sec 58	987987	chandigarh	Delete
4	simar	simar@gmail.com	987	58202582	jalandhar	Delete

Activate Windows
Go to Settings to activate Windows.

[Delete Book](#)[Delete User](#)[View Orders](#)[View Feedback](#)[View contact details](#)

Name	Email	Subject	Message
umesh kumar	umeshkumar1947@gmail.com	ukk	uidfufuiufdufdu
AJAY	ajay@gmail.com	book	HELLO
komal	abc@gmail.com	tracking	not able to track the order.
simarpreet	simar@gmail.com	confirmation	didnt receive any confirmation

USER LOGIN

Bookstore

Logout

Add Book

Books Added

Search Books

Book Name

Enter Name

Price

Price

Book Description

Description

Cover Image

Choose File No file chosen

Submit

Bookstore

Logout

Add Book

Books Added

Search Books

#	Name	Description	Figure	Price	Actions
30	Thnik Like a Monk	Think Like a Monk includes a combination of ancient wisdom and Jay Shetty personal experiences. Think Like a Monk shows you how to clear the roadblocks to your potential by overcoming negative thoughts, accessing stillness, and creating true purpose. It can be challenging to apply the lessons of monks to busy lives.		250	Delete Update
33	Ruskin Bond	Great Stories for Children is a collection of some of Ruskin Bond most delightful children stories. It stars Toto, the monkey, who takes a fancy to the narrator aunt, much to her dismay, a python besotted by his own appearance, a mischievous ghost who enjoys stirring up the house when things get dull, three young children stranded in a storm on the Haunted Hilland Ruskin Bond himself, who happens to make the acquaintance of a ghost at a resort late one night.		140	Delete Update

Activate Windows
Go to Settings to activate Windows.

BUY BOOK REQUEST PAGE

BOOK STORE

HOMEBUYBOOKFEEDBACKCONTACT

Buy Book Here

Book Name

Address

Phone

Email Address

Book Shop Name

City

Activate Windows
Go to Settings to activate Windows.

FEEDBACK PAGE

BOOK STORE

HOMEBUYBOOKABOUTUSFEEDBACKCONTACT

Get a Call from Us

Name

Address

Phone

Email Address

City

Activate Windows
Go to Settings to activate Windows.

Future Scope

- 1) Anyone sale our books at our home with the help of these website.
- 2) Anyone buy old books from this website.
- 3) Students order new books.

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- Training Session Conducted by Company Itself.
- Manual provided by project In-charge.

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- www.msdn.microsoft.com
- www.dotnetspider.com
- www.w3school.com
- www.youtube.com

Sri Guru Gobind Singh College
Sector -26, Chandigarh



Major Project Report On
Digital Marketing

Submitted in partial fulfillment of the requirement for the
Degree of M.Sc(IT) under PANJAB UNIVERSITY,CHD.

Submitted to:
Mrs. Meena Jindal
[Placement and Training Incharge
Department of Computer Science]

Submitted by:
Name- Komal Mehra
Rollno-21801
Class- Msc.IT(4th Sem)

PREFACE

Every professional course may not be considered complete till the student has practical knowledge about it. To fulfill this requirement, a practical training must be done.

Computers has become a sort of prerequisite to a successful career in today's competitive environment. Computers basically stress on doing things practically. It is essential that practical field experience be gathered which puts to test the classroom learning because in computers we never came across problems, which can be solved using standard solution. Thus in absence of practical training, classroom learning is highly handicapped.

This project is being accomplished by me as a part of this training. I am pursuing, keeping in mind the importance and relevance of this project to my future professional life.

This project work provided me ample opportunity of handling things practically, in depth knowledge of designing and other various tools used in development of this project.

In the forthcoming pages, an attempt has been made to present a comprehensive report on the different aspects of my development work.

ACKNOWLEDGEMENT

“The successful completion of any task would be incomplete without accomplishing the people who made it all possible and whose constant guidance and encouragement secured us the success.”

I am grateful to my college professors and my friends for their astute guidance, constant encouragement and sincere support for this project work.

I would like to thank **Think Next Technologies**. For providing me with an opportunity to pursue my industrial training, as it is an important part of the MSC (IT) course and it is the one that exposes you to the industry standards and makes you adapt yourself to the latest trends and technologies. At the same time, it gives an experience of working on a project.

I feel proud and privileged in expressing my deep sense of gratitude to all those who have helped me in presenting this project. I would be failing in my endeavor if I do not place my acknowledgment.

Komal Mehra

Msc(IT)

Panjab University, Chandigarh

CERTIFICATE

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Certificate ID:570123
Ref.No. TNT/C-21/4993



ISO Certified



Member of Confederation
of Indian Industry



Certificate

Provisional

This Certificate do hereby recognizes that

Komal Mehra D/o Vijay Kumar

has successfully completed Industrial Training Program from

01st March 2021 to 10th June 2021

in Digital Marketing Grade A

For ThinkNEXT Technologies Pvt. Ltd.


Authorised Signatory

Member Training Division

For ThinkNEXT Technologies Pvt. Ltd.


Director

Director



Corporate Office: S.C.F 113, Phase XI, Mohali (Punjab)

☒ Outstanding 100-90% ☒ Excellent 89-80% ☒ Very Good 79-70% ☒ Good 69-60% ☒ Satisfactory 59-50%

SELF DECLARATION

I hereby declare that the Industrial Training Report on “**Digital Marketing**” is an authentic record of my own work as requirements of 6-months Industrial Training during the period from March 2021 to June 2020 for the award of degree of Msc-IT, Sri Guru Gobind Singh college (Chandigarh), under the guidance of Mr. Parshant.

Komal Mehra

Msc-IT

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ABBREVIATIONS

AS	Article Submission
AP	Application Program Interface
B2B	Business to Business
CPC	Cost Per-Click
CTR	Click Through
Rate CPA	Cost Per Action
CMS	Content Management System
CPV	Cost Per View
DLP	Directory Listing Page
EMD	Exact Match Domain
G+	Google Plus
GAW	Google Ad Words
IM	Internet Marketing
IBL	Inbound link
LB	Link Building
LPO	Landing Page Optimization
MTO	Mata Tag Optimization
PR	Page Rank
PPC	Pay Per Click
SEO	Search Engine Optimization
SMO	Social Media Media
SMM	Social Media Marketing
SERM	Search Engine Result Page
UX	User Experience

CHAPTER -1

INTRODUCTION

1.1 Overview of the organization

Throughout the team project, you will be assessed on your planning, Organisational skills and the way you work with each other. Working as Team will give all members the opportunity to work to a shared objective (to complete the batch manufacture of a small product). Completing a small batch of a quality product, during a limited timescale, will be a testing target. You will be expected to meet deadlines, in terms of the time allowed for planning and manufacturing the product, followed by time to prepare and present a talk, to the entire class.

Glitters Girls Makeup Studio will customize your organizational needs from assistance on the day of the wedding to each and every planning detail or anything that falls in between. Glitters Girls Makeup Studio has maintained a mission to assist clients in planning a day that is stress-free and truly memorable. We are located in Chandigarh but have planned events from to and many areas in between. What sets us apart from other wedding consultants is our commitment to not only each client, but also to each vendor. We will give you the special attention that you deserve.

Analysis the industry and digital media for clients, formulating strategies and executing them based on the objectives of the client. This whole process consist of 18 steps,

- **Brief:** Brief given by the client based on their marketing objective.
- **Pitch Presentation:** Presentation made by the Glitters Girls Makeup Studio for clients based on the brief, by analysing industry and digital media. Mostly used for new clients.
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- **End:** End of the Campaign after achieving the objective.
- **Review of Campaign:** Evaluating campaign based on standard and actual performance of campaign. It will help to understand what Glitters Girls Makeup Studio planned and what actually happened
- **Bills:** Bill submitted from vendor to Glitters Girls Makeup Studio and Glitters Girls Makeup Studio to client including service tax and commission
- **Payment:** Payment of bill by client Glitters Girls Makeup Studio and then to vendor after Glitters Girls Makeup Studio deducting the commission and tax.

1.2 Importance of Glitters Girls Makeup Studio

The Glitters Girls Makeup Studio website Plan can perform a number of important functions, including:

1. Gain in-depth technical knowledge of opted engineering stream
- 2 Enhance professional skills in a real-time environment
- 3 Understand the area of interest and selection of an area of specialization
- 4 Learn the basics of how to work as a team member to complete given tasks
- 5 Improve awareness of the industrial environment and work culture of the specific industry
- 6 Real-time work and workshop projects help to learn more analytically
- 7 Interaction with experts help to solve queries with practical exposure
- 8 Certificate obtained from reputed organization give weightage to resume or curriculum vitae
- 9 A chance to get a job in the same company which depends on available opportunity and your performance
- 10 Project during summer training helps to judge trainee's capabilities and skill

1.3 . Objectives of Digital Marketing:-

The primary **objective of digital marketing** is to provide online presence to your business through website and social media. You can spread awareness about your brand and provide support to your customer by handling their grievance and queries, which ultimately leads to sales, customer acquisition & satisfaction.

INCREASE SALES

Increasing sales or leads is a top level digital marketing objective for many businesses because it improves revenues and is easy to measure. Using key performance indicators (KPI), you can then benchmark your progress towards achieving your objective and you can track this in your spreadsheets.

IMPROVE CONVERSION RATE

This is another digital marketing objective that can be tracked in Google Analytics. By setting up goal tracking in Analytics, you will have reports on conversions for your traffic sources, campaigns, keywords, landing pages, locations and so on.

PERCENTAGE OF RETURN VISITORS

The New vs Returning visitors is a metric that is available in Analytics and it is easy to track. Knowing how many visitors return is an important objective because it helps you see how effective your business is at visitor and customer loyalty.

ORGANIC TRAFFIC VOLUMES

Organic traffic is natural traffic from the search engine result pages. It is considered as free traffic and is distinct from paid traffic. Lots of businesses have the objective to increase organic visitor traffic by achieving high search engine rankings through implementing search engine optimization. To achieve this requires making changes to your website that are effective at improving rankings and one of the important ones is including keywords in the content.

REDUCE BOUNCE RATE

Bounce rate in analytics is defined as people who enter your site and leave (bounce) rather than continue viewing other pages. This is an important measure of the quality of your website, because almost all businesses want their visitors to complete an action like purchase, contact or download on their websites.

CHAPTER-2

SOFTWARE AND HARDWARE REQUIREMENT

2.1 Hardware Requirements

- i. **PC.**
- ii. **Backups:** at least the same again (at a remote location preferably) as above to keep backups of your site
- iii. **Memory:** 256MB (min), 1GB or more is strongly recommended. The general rule of thumb is that the Model can support 10 to 20 *concurrent* users for every 1GB of RAM, but this will vary depending on your specific hardware and software combination and the type of use. 'Concurrent' really means web server processes in memory at the same time (i.e. users interacting with the system within a window of a few seconds). It does NOT mean people 'logged in'.

2.2 Software Requirements

- i. **Word Press** --- As a CMS(Content Management system).
- ii. **Adobe Photoshop**--- Adobe Photoshop is software that is extensively used for raster image editing, graphic design and digital art.
- iii. **Google My Business**-- Google My Business is a free and easy-to-use tool for businesses and organizations with their online presence across Google, including Search and Maps.
- iv. **Web server:** Minimum browser for accessing Model: Firefox 4, Internet Explorer 8, Safari 5, Google Chrome 11.

Chapter 3

Survey/Review of Project

Glitters Girls Makeup Studio is one of the most promising platforms for the latest news and updates related to education.. Summer training programs provide a great opportunity for engineering. Summer training programs provide a great opportunity for engineering students to utilize their summer vacation in the right way. You can develop a practical learning experience by building several projects as part of these programs.

Summer training in Chandigarh Mohali programs is designed to give you a very good practical learning experience and to develop skills that will be extremely useful for your career. A worthy marble can be craved as a perfect building material, like that; a bright student can be a good engineer, manager, etc after completing the summer training course. In today's market, a technical course like summer training is most important to boost our career. We will give you the special attention that you deserve.

GOOGLE MY BUSINESS :- Google My Business is a free and easy-to-use tool for businesses and organizations to manage their online presence across Google, including Search and Maps. By verifying and editing your business information, you can both help customers find you and tell them the story of your business.

- Manage how your business information appears across Google, including Search and Maps, using Google My Business—for free.
- Interact with customers new and old and tell them the story of your business.
- Get started at [itonline.ml](https://www.google.com/business/).
- **SMO** Social media optimization (SMO) refers to the creation of online content that is likely to be shared through social networks. Social media optimization is more art than science, as it can be difficult to come up with a consistent formula for creating shareable content. That said, social media optimization is gaining importance as social sharing is increasingly being integrated into search results
- **CMS** A content management system (CMS) is an interface that allows users to publish content directly to the Web.
- **KEYWORD-PLANNING** The Keyword Planner is a part of the Google Ad words advertising platform. It allows users to research and analyze lists of keywords for use in pay-per-click campaigns.
- **SEO** is the art and science of optimizing your web pages to be found by the search engines like Google, Yahoo, and Bing etc. But why part art, part science? The science part of Search Engine Optimization (SEO) deals with technology and all the engineering & technicalities of a website such as code, information architecture & user experience etc

There are two ways of optimization:

- **On-Page SEO** - It includes providing good content, good keywords selection, putting keywords in the correct places, giving appropriate titles to every page, etc.
- **Off-Page SEO** - It includes link building, increasing link popularity by submitting open directories, search engines, link exchange, etc.

- **GOOGLE WEBMASTER** Google Webmaster Tools is a free service that helps you evaluate and maintain your website's performance in search results (1). Offered as a free service to anyone who owns a website, Google Webmaster Tools (GWT) is a conduit of information from the largest search engine in the world to you, offering insights into how it sees your website and helping you uncover issues that need fixing.
- **GOOGLE ANALYTICS** Google Analytics is a free web analytics tool offered by Google to help you analyze your website traffic. Even though —web analytics sounds like a very small area of your digital presence, the implications of Google Analytics are in fact huge. This is because for most companies, your website serves as a hub for all of your digital traffic. If you are running any marketing activities such as search ads or social media ads, your users are most likely going to visit your website somewhere along their user journey. Given that your website is the central hub of your digital presence, your website is the best way to give you a holistic view of the effectiveness of all the campaigns you are running to promote your product/services online. Google Analytics is a free tool that can help you track your digital marketing effectiveness.
- **GOOGLE ADWORDS** is an advertising service by Google for businesses wanting to display ads on Google and its advertising network. The Ad Words program enables businesses to set a budget for advertising and only pay when people click the ads. The ad service is largely focused on keywords. Businesses that use Ad Words can create relevant ads using keywords that people who search the Web using the Google search engine would use. The keyword, when searched for triggers your ad to be shown. Ad Words at the top ads that appear under the heading "Sponsored Links" found on the right-hand side or above Google search results. If your Ad Words ad is clicked on, Google search users are then directed to your website.
- **Photoshop** Working in web design involves creating UI (user interface) elements—icons, graphics, wireframes, and mockups. Adobe Photoshop provides the capabilities needed to make these design elements transition smoothly and easily to production. In this course, learn how to use Photoshop for modern web design workflows. Join Emily Kay as she takes you through a responsive web design project, including setup, using templates, making comps, and exporting for the web. Emily shows how to work with art boards, libraries, and smart objects. She demonstrates the process for creating several deliverables—wireframes, mock-ups, mood boards, style guides, navigation elements.

Chapter 4

Software Requirement Analysis

4.1 Define the problem

A Glitters Girls Makeup Studio has its own systems and limitations, Summer training programs provide a great opportunity for masters students to utilize their summer vacation in the right way. You can develop a practical learning experience by building several projects as part of these programs. Summer training in Chandigarh Mohali programs is designed to give you a very good practical learning experience and to develop skills that will be extremely useful for your career.

On Learning Collection Side

1. Many parts of the country still have problems with too few voluntary learners.
2. The other problem is that summer training camps do not happen all year round and the job seekers face a periodic shortage of learning things.

4.2 FUNCTIONAL REQUIREMENTS

Analysis the industry and digital media for clients, formulating strategies and executing them based on the objectives of the client. This whole process consist of 18 steps,

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Chapter-5 System design

UML diagram of Admin

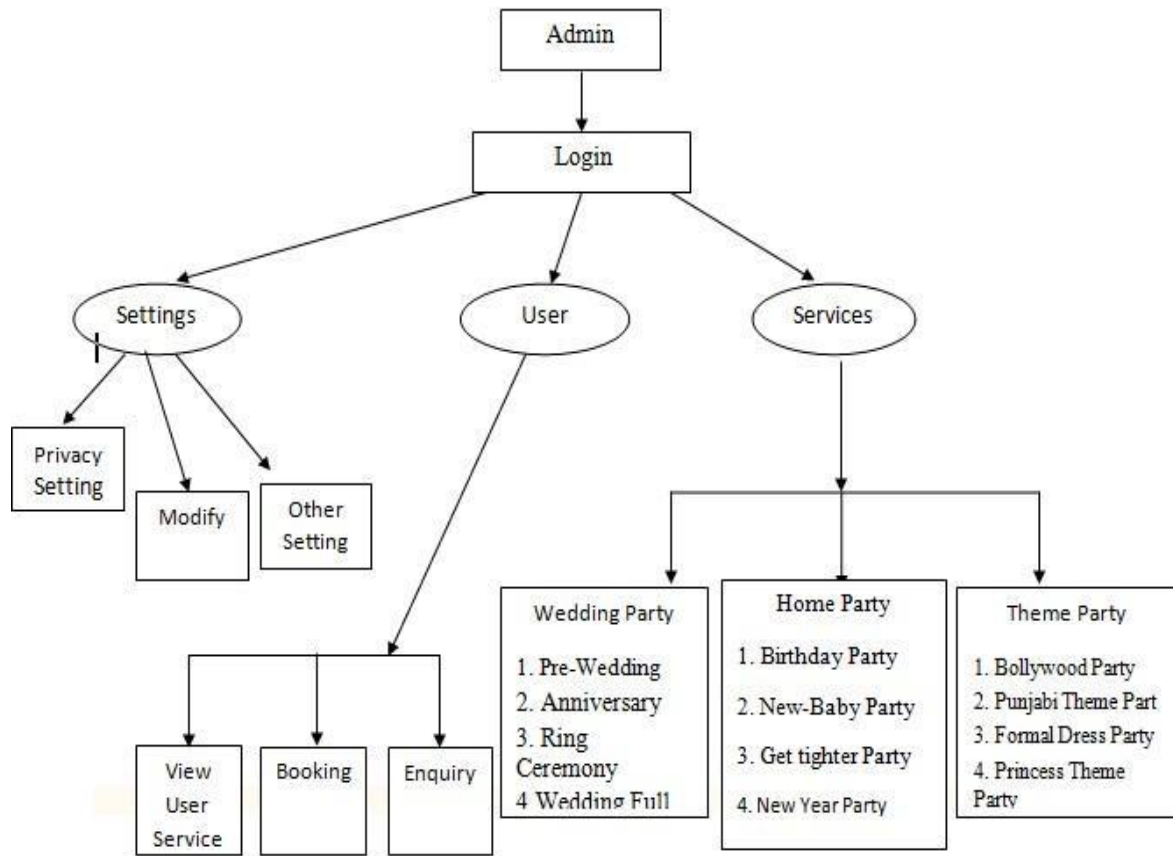
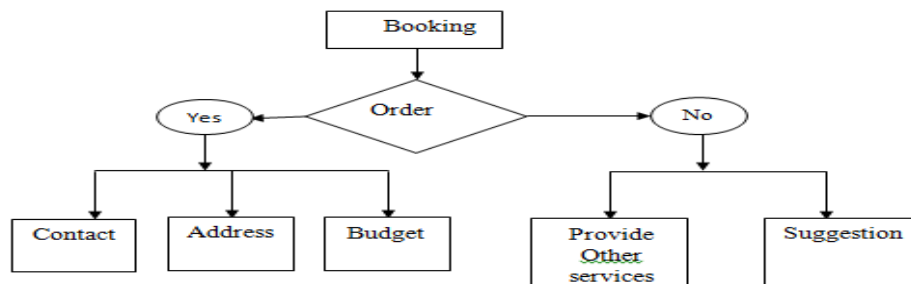


Fig 5.2 UML diagram of admin

5.1 Database Design of Booking

2.Booking



Chapter-6

Coding/Code Template

Website Planning and Structure

6.1.Website Planning and Structure:-

6.1.1 What does Web Designing mean?

With everything going Digital, every company needs a web page to have its online presence. It requires people who can design these web pages, and the entire process is called web design. There is a lot of designing involved and the scope for innovation in web design is endless.

6.1.2 Explaining the Process in a brief

A lot of hard work goes into the making of a website. There are ways to host your website on a server. It can be for free, or you can pay for hosting the site. After you buy and register a domain name, you can design your web page in any way you want. Professionals use HTML and CSS to create attractive web pages.

6.1.2Industry scope for Web Designers

Web Designing is an ever growing industry as the internet realm is infinite, and there is always need for fresh web pages. Whether it's for a new company or remodeling of an old website, web designers are always in demand. It is an easy thing to learn and with practice and experience, one can excel in it.

6.1.2Benefits of having a Web Designer

There are many advantages of web design, one of them being that it is the primary medium for you to make your presence felt amongst the online audience and people who could be potential clients. Apart from that some other premium advantages include.

- Web designing isn't very expensive, and the benefits offered by it are endless
- Web Designing is the best way to interact with your clients
- You can draw more people by with an attractive web page design
- Make sure that you keep the web page simple, unique and interactive
- Above all, the success mantra for a web designer is to keep the site user-friendly

6.1.2 Word Press is an open source **Content Management System (CMS)**, which allows the users to build dynamic websites and blogs. Word Press is the most popular blogging system on the web and allows updating, customizing and managing the website from its back-end CMS and components. This tutorial will teach you the basics of Word Press using which you can create websites with ease.

6.2.1 What is a Content Management System (CMS)?

The **Content Management System (CMS)** is a software which stores all the data such as text, photos, music, documents, etc. and is made available on your website. It helps in editing, publishing and modifying the content of the website.

Word Press was initially released on 27th May, 2003 by Matt Mullenweg and Mike Little. Word Press was announced as open source in October 2009.

6.2.1 Features of CMS

- **User Management** – It allows managing the user information such as changing the role of the users to (subscriber, contributor, author, editor or administrator), create or delete the user, change the password and user information. The main role of the user manager is **Authentication**.
- **Media Management** – It is the tool for managing the media files and folder, in which you can easily upload, organize and manage the media files on your website.
- **Theme System** – It allows modifying the site view and functionality. It includes images, style sheet, template files and custom pages.
- **Extend with Plugins** – Several plugins are available which provides custom functions and features according to the users need.
- **Search Engine Optimization** – It provides several search engine optimization (SEO) tools which makes on-site SEO simple.
- **Multilingual** – It allows translating the entire content into the language preferred by the user.
- **Importers** – It allows importing data in the form of posts. It imports custom files, comments, post pages and tags.

C Panel and cloud hosting has one-click Word Press installation facilities, but you can also install it by uploading files directly into the web server.

6.2.2 System requirements for Word Press installation

- If you are using Windows then you require installing WAMP (Windows, Apache, My SQL, and PHP).
- If you are using Linux then you require installing LAMP (Linux, Apache, My SQL, and PHP).
- If you are using MAC then you require installing MAMP (Macintosh, Apache, My SQL, and PHP).
- Or you can also install XAMPP, which is Multi-platform and came with (Apache, Maria DB, PHP, and Perl).
- Word Press is compatible with PHP 5.2+ and My SQL 5.0 +

6.3.1 Download Word Press

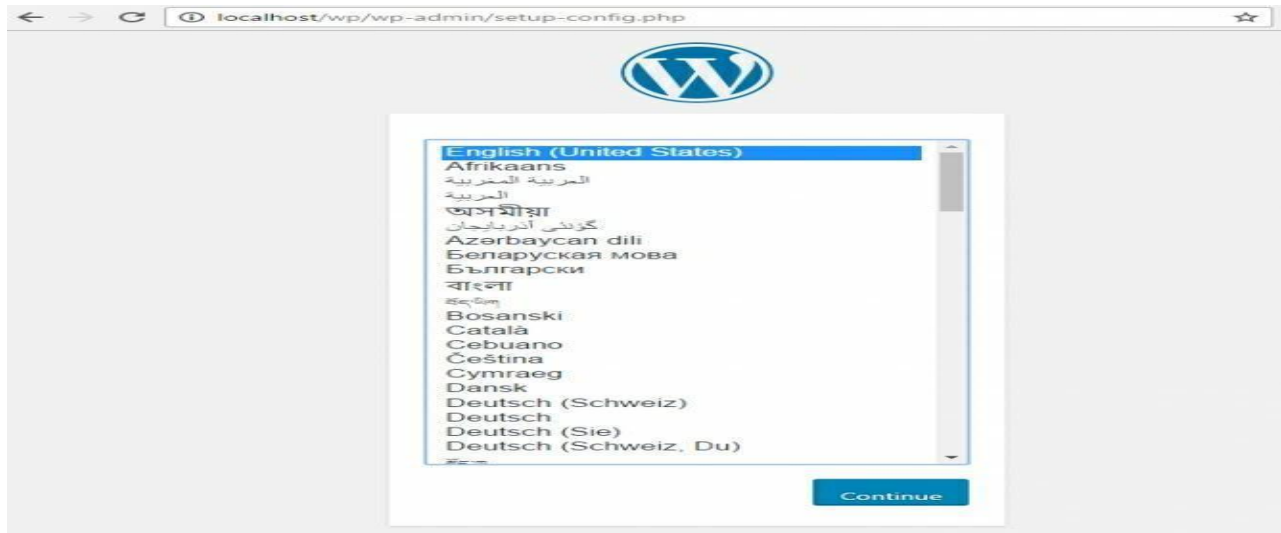
Word Press is free and an open source platform under the GNU General Public License (GPL), and you can download it directly from Word Press official website. You can also open <https://wordpress.org/download/link> directly to download Word Press.



6.3.2 Word Press Installation

- First, you required extracting downloaded Word Press and upload into your local host or web server project folder.
- You required to open your web browser and navigate the URL of Word Press folder path (In case of local host URL will be http://localhost/wordpress_project_folder_name).
- Word Press installation requires empty My SQL database, so you required to create it before.
- Word Press Setup wizard will ask you initial information about the website, which is mentioned below.
- You required to open your web browser and navigate the URL of Word Press folder path (In case of local host URL will be http://localhost/wordpress_project_folder_name).
- Word Press installation requires empty My SQL database, so you required to create it before.
- C Panel and cloud hosting has one-click Word Press installation facilities, but you can also install it by uploading files directly into the web server.

Step 1: The Word Press installation setup will ask you about the language preference on the first step.

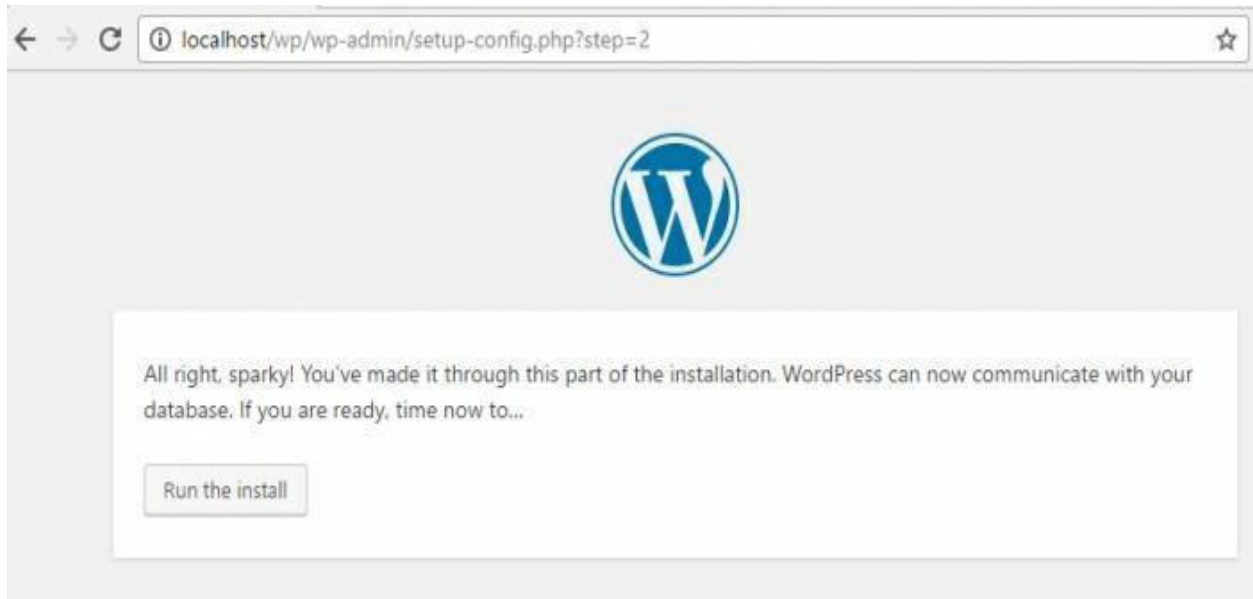


Step 2: Installation second stage provides info about required information before proceeding.

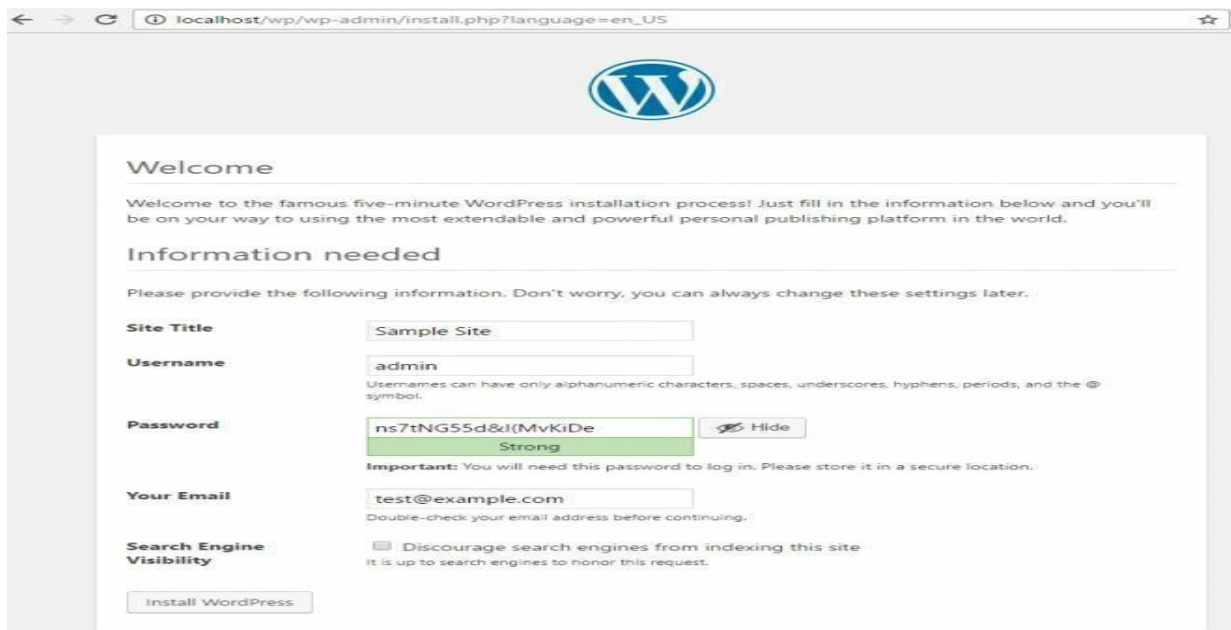
Step 3: In this installation steps you have to provide My SQL database connection credentials.

A screenshot of a web browser window showing the WordPress installation database configuration screen. The browser's address bar displays 'localhost/wp/wp-admin/setup-config.php?step=1'. The page features the WordPress logo at the top center. Below the logo is a light gray rectangular box containing a form. At the top of the form, a message reads: 'Below you should enter your database connection details. If you're not sure about these, contact your host.' The form consists of five rows, each with a label, an input field, and a descriptive note. The first row is 'Database Name' with the value 'wordpress' and the note 'The name of the database you want to use with WordPress.' The second row is 'Username' with the value 'root' and the note 'Your database username.' The third row is 'Password' with the value 'password' and the note 'Your database password.' The fourth row is 'Database Host' with the value 'localhost' and the note 'You should be able to get this info from your web host. If localhost doesn't work.' The fifth row is 'Table Prefix' with the value 'wp_' and the note 'If you want to run multiple WordPress installations in a single database, change this.' A 'Submit' button is located at the bottom left of the form.

Step 4: Installation setup checks database credential authentication and provide your confirmation.



Step 5: This is the final step, where you have to provide site admin information.



localhost/wp/wp-admin/install.php?language=en_US

Welcome

Welcome to the famous five-minute WordPress installation process! Just fill in the information below and you'll be on your way to using the most extendable and powerful personal publishing platform in the world.

Information needed

Please provide the following information. Don't worry, you can always change these settings later.

Site Title

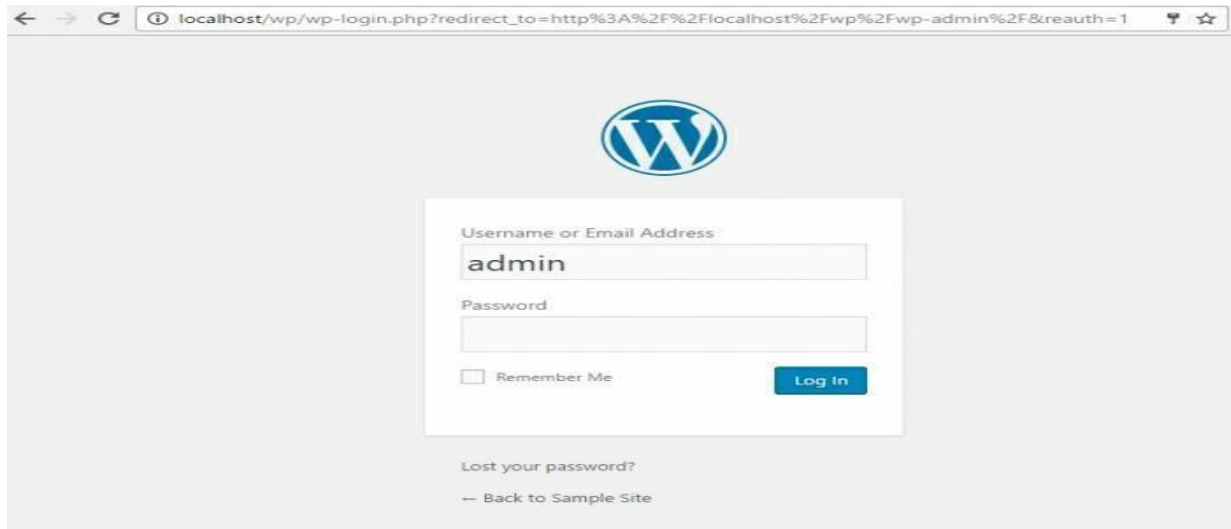
Username
Username can have only alphanumeric characters, spaces, underscores, hyphens, periods, and the @ symbol.

Password
Strong
Important: You will need this password to log in. Please store it in a secure location.

Your Email
Double-check your email address before continuing.

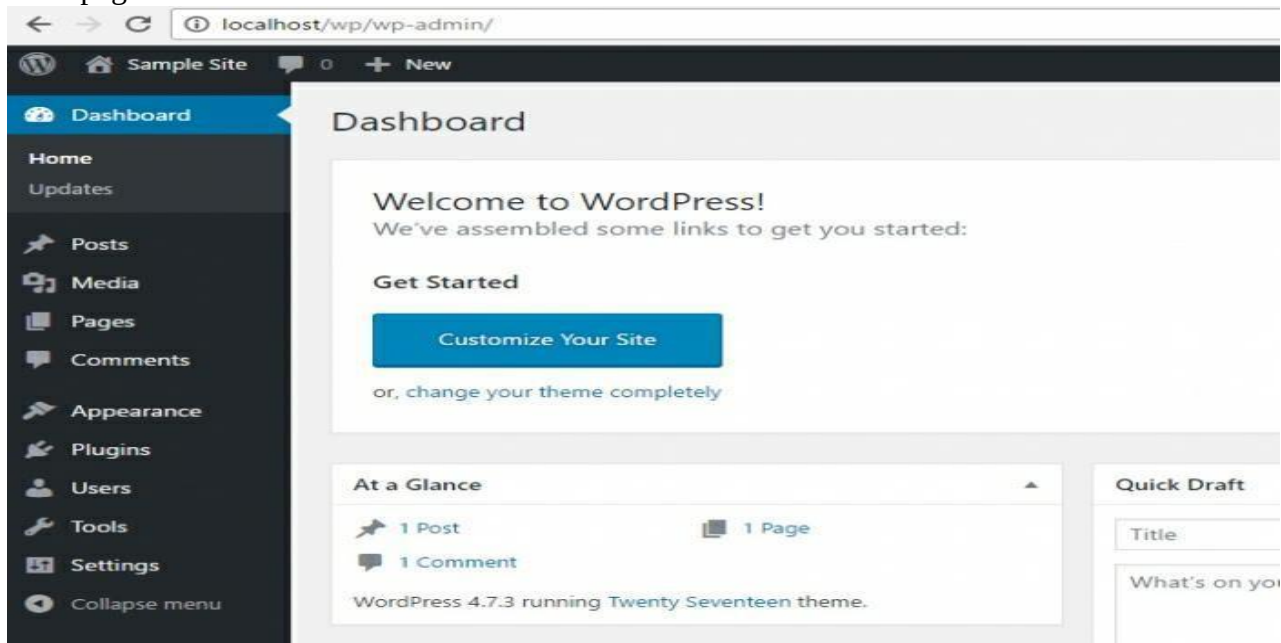
Search Engine Visibility ☐ Discourage search engines from indexing this site
It is up to search engines to honor this request.

Step 6: This is Word Press admin login screen. Enter username and password you have chosen in the previous screen and log in.



that's it, you have successfully installed Word Press.

Word Press Dashboard is the first screen of Word Press admin control panel after the login. Its provides website information at a glance, it's easily customizable and provides quick access to other pages.



6.4.1 Search engine optimization (SEO)

SEO is the practice of increasing the quantity and quality of traffic to your website through organic search engine results.

What goes into SEO?

To understand what SEO really means, let's break that sentence down and look at the parts:

- Quality of traffic. You can attract all the visitors in the world, but if they're coming to your site because Google tells them you're a resource for Apple computers when really you're a farmer selling apples, that is not quality traffic. Instead you want to attract visitors who are genuinely interested in products that you offer.
- Quantity of traffic. Once you have the right people clicking through from those search engine results pages (SERPs), more traffic is better.
- Organic results. Ads make up a significant portion of many SERPs. Organic traffic is any traffic that you don't have to pay for.

6.4.2 How SEO works

You might think of a search engine as a website you visit to type (or speak) a question into a box and Google, Yahoo!, Bing, or whatever search engine you're using magically replies with a long list of links to web pages that could potentially answer your question.

That's true. But have you ever stopped to consider what's behind those magical lists of links?

Here's how it works: Google (or any search engine you're using) has a crawler that goes out and gathers information about all the content they can find on the Internet. The crawlers bring all those 1s and 0s back to the search engine to build an index. That index is then fed through an algorithm that tries to match all that data with your query.

There are a lot of factors that go into a search engine's algorithm, and here's how a group of experts ranked their importance:

into two categories: On- page and Off-page SEO. But what does each of these terms mean?



On-page SEO and off-page SEO

On-page SEO: Refers to the activities that are carried out on the page that is to be published. Simply put, the tasks that help optimize a given page such that it appears higher on the Search engine result pages. The On-page SEO activities primarily include infusing keywords in the right quantity, inserting internal links, meta tags, Meta description, building a customized URL structure, inserting the alt attributes, taking care of the image SEO and most importantly providing the users with quality content.

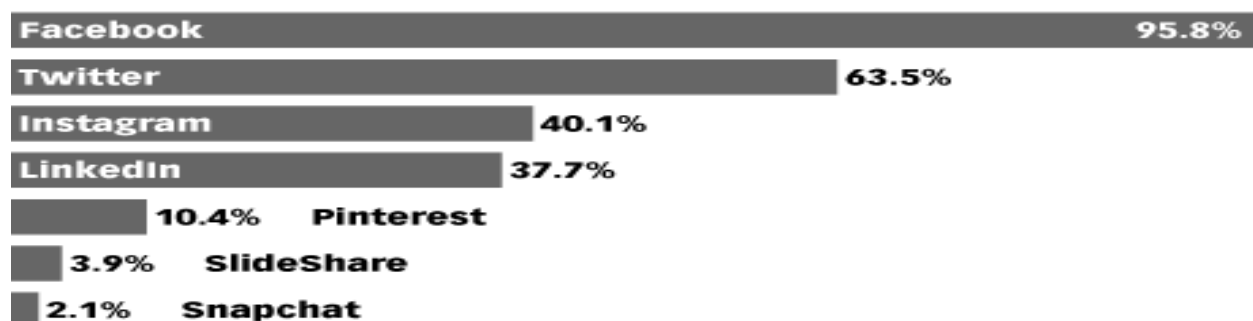
Off-page SEO: Refers to the activities that are performed on a page after it goes live on the web. The activities included in the Off-page SEO include sharing the post, commenting on the post to build engagement, liking the post on the social media, giving the star ratings to the post, answering the queries of the target consumers are all a part of the tasks listed under the Off-page SEO.

6.4.3 Facebook Marketing:-

When it comes to social media advertising, Facebook reigns supreme. That's why running successful Facebook ads is vital to the success of any business. Facebook ads are generally the cheapest and most easily trackable form of online advertising. Plus, they're totally optimizable! This gives you a lot of control over your ads, but you have to know what you're doing if you want successful Facebook ads. Otherwise, you may be wasting your money.

Social Media Platforms that Produce the Best ROI According to Social Media Marketers Worldwide, March 2016

% of respondents



Note: n=456; respondents chose up to 3
Source: Social Fresh, "The Future of Social" in collaboration with Firebrand Group and Simply Measured, April 21, 2016

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www.eMarketer.com

Expected Change in Social Ad Spending According to

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Perhaps it's no surprise, then, that close to two-thirds of advertisers worldwide plan to increase their

Facebook advertising spend in 2017.

With your competitors already seeing meaningful results from Facebook ads and increasing their spend, it's high time to develop a Facebook advertising strategy of your own.

If this gets you excited, you must first learn the fundamentals of Facebook advertising. Here are 10 must-know essentials for running successful Facebook ads:

6.4.6 Have a goal in mind In order to run successful Facebook ads, you must first answer this

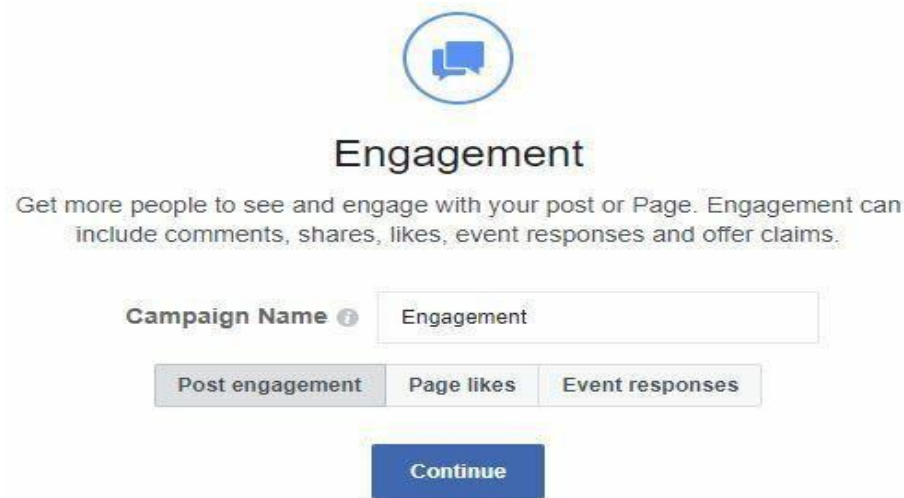
What's your marketing objective?

Awareness	Consideration	Conversion
 Brand awareness	 Traffic	 Conversions
 Reach	 Engagement	 Product catalog sales
	 App installs	 Store visits
	 Video views	
	 Lead generation	

question: what do you want your ads to **do**? Do you want more followers? More sales? More engagement? No matter what your goal is, Facebook has a marketing objective for you!

These are the different marketing objectives you can choose from. They each correspond to different end goals. If you want more people to click on your website, you'll run a traffic campaign. Likewise, if you want to generate sales, you'll run a conversion campaign.

Some objectives contain sub-objectives. For example, when you click on the engagement objective, here's what you'll see next:



The image shows a screenshot of the Facebook campaign setup interface for the 'Engagement' objective. At the top, there is a blue circular icon with two speech bubbles. Below it, the word 'Engagement' is displayed in a large, bold, black font. Underneath, a descriptive text reads: 'Get more people to see and engage with your post or Page. Engagement can include comments, shares, likes, event responses and offer claims.' Below this text is a form with a 'Campaign Name' label and an information icon, followed by a text input field containing the word 'Engagement'. Underneath the input field are three buttons: 'Post engagement', 'Page likes', and 'Event responses'. At the bottom of the form is a large blue 'Continue' button.

There are three different types of engagement campaigns. The one you choose will depend on your overarching goal. If you want more followers, run a page like ad. If you want more likes, comments, and shares on your posts, run a post engagement ad. If you want more people to go to an event you're promoting, run an event response ad.

Even if you have a specific goal in mind, Facebook likely has an objective perfect for you. You can run Facebook ads that optimize for everything from conference registrations to app downloads!

Having a particular goal in mind will help you determine the success of your ads.

6.4.7 Target your audience

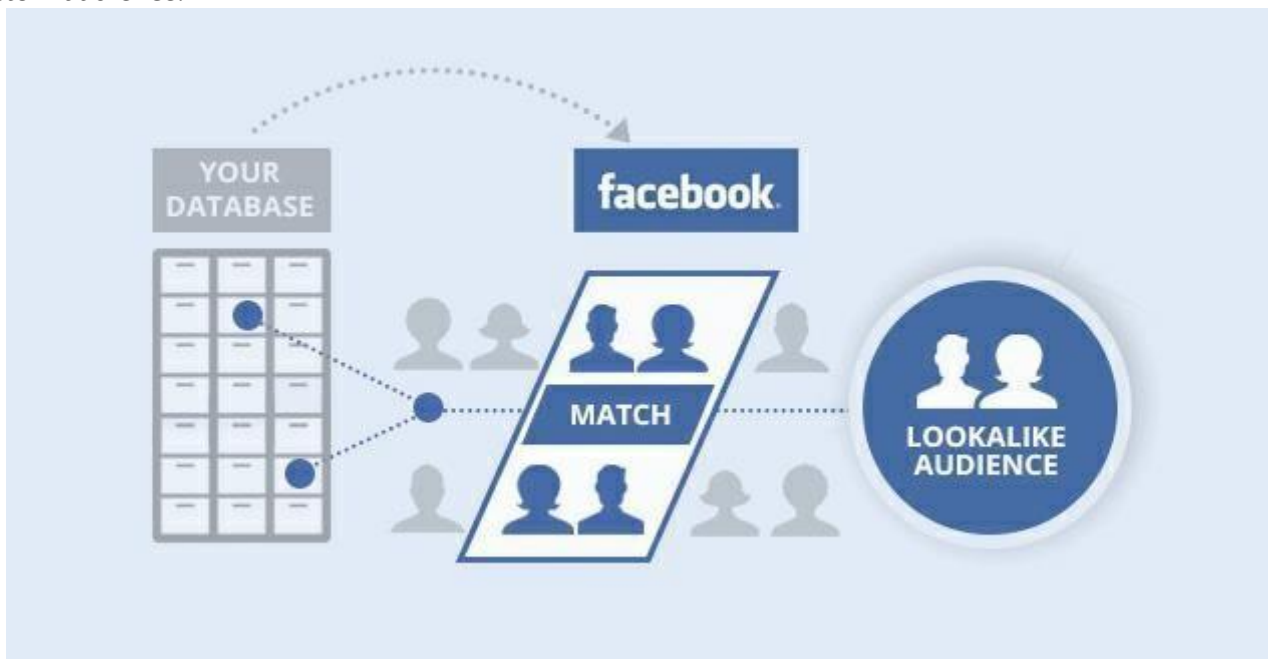
Facebook has 1.28 billion daily users who you could be converting into customers! Everyone is on Facebook, whether they're a CEO or a high-schooler. So no matter who your ideal audience is, they're on Facebook!

That being said, merely posting on Facebook won't be enough to convert users into customers. You have to run Facebook ads, and they have to be successful Facebook ads at that, to generate sales.

What if you're not sure who your target audience is? There are a few different places you can start!



Your three most basic audience options are a cold audience of everyone on Facebook (which you can narrow down from there) or warmer audiences of either people connected to your page or a custom audience.



But what if you don't have a lot of followers or a customer list? This is a common problem for many startups and small businesses. To start building your audience from scratch, you'll want to click the —Everyone on Facebook‖ option.

Narrowing a useful audience out of everyone on Facebook can be daunting, but Facebook's Audience Insights is a phenomenal tool to help you out. First, you'll want to set any specific parameters you know you want. For example, you may want to advertise only to people in the U.S. or people eighteen or older. You can set these parameters first before you start delving into data from Audience Insights.



The image shows a screenshot of the Facebook Audience Insights targeting interface. It is divided into three main sections: Location, Age and Gender, and Interests. The Location section is expanded, showing options for 'UNITED KINGDOM' (with 'All United Kingdom' below it) and 'UNITED STATES' (with 'All United States' below it). There is a search bar with a plus icon and the placeholder text 'Country, region, or city'. The Age and Gender section is also expanded. Under 'Age', there are two input fields with arrows, showing '18' and '45' with a minus sign between them. Under 'Gender', there are three buttons: 'All', 'Men', and 'Women'. The Interests section is collapsed, showing only a search bar with a plus icon and the placeholder text 'Interest'.

Once your parameters are set, you can begin searching for data about the followers of your competitors. This will give you a great starting point to form your own target audience. For example, let's say you own a convenience store. Under the —Interests parameter, you can select people who like the pages of your competitors. For a convenience store, a potential competitor might be 7-Eleven. Once you've selected these interests, the Audience Insights tool will provide you with demographic information for the followers of those companies.

Here is what some of the demographic information for people who like 7-Eleven:



From this information, you can deduce that most of 7-Eleven's Facebook fans are married, college-educated women.

The data is gathered from self-reported information provided to Facebook as well as third party data partners. You can use the information gathered from Audience Insights to set up a few potential audiences and use A/B split testing to determine the best one for you. There will be more information about A/B split testing later in this article.

If need be, you can make different ads for different segments of your audience. Just make sure your target audience is decently large but as specific as possible.

6.4.7 Use Eye-catching images

A picture is worth a thousand words. When you're confined to a limited number of characters, a thousand words is a lot!

A potential customer might scroll right past your ad without reading it if the image doesn't catch their eye. To prevent losing valuable customers, you need to select bright, clean, high-quality images for successful Facebook ads. Just make sure the image contains less than 20% text, or else Facebook will show your ad to fewer people.

6.4.8 Know what to say (and what not to say)

Now you know what kinds of images are necessary for successful Facebook ads, but what about the copy?

The most successful Facebook ads have a copy that includes three elements: an attention grabber, a phrase or sentence to add value, and a call to action. The attention grabbed is the hook that generates interest in your ad. If the first phrase or sentence of your copy doesn't spark the reader's interest, they'll stop reading. Some examples of attention grabbers are questions and surprising statistics.

6.3.1 LinkedIn Marketing:-

LinkedIn is the most professional of the major social networking websites, used by over 450 million business professionals worldwide. It is responsible for more than 80% of a business's social media leads! And, since it is largely focused on B2B connections, LinkedIn should be a big part of your social media marketing strategy.

At its most basic level, LinkedIn allows you to set up a personal profile and connect with other professionals you know or want to know. You will receive status updates on a regular basis as your connections update their profiles. In addition, you can set up a LinkedIn profile for your company to allow people to follow your company's updates.

One of the cool features of LinkedIn is the "six degree of separation" approach that allows you to easily see how you are connected to someone via others. You may be surprised to see how

closely you connect to your prospects or customers - and how connected they are to others, including your competition.

The bottom line is that LinkedIn works for B2B lead generation. To take LinkedIn to the next level and use it as a marketing tool, put the following recommendations into action.

6.3.2 Beef Up Your LinkedIn Profile

Think of your LinkedIn profile as an interactive resume on steroids. In addition to listing information about your work experience and education, LinkedIn allows you to enhance your profile with interactive capabilities that showcase your experience.

- **Status Updates:** One of the best ways to keep your connections informed about your happenings is by posting status updates, brief statements you feel your connections will find useful. They can include images and links to related content on your Website or third-party Websites. To appear active in the LinkedIn community, post useful and actionable status updates on a regular basis.
- **Articles:** LinkedIn allows you to easily publish articles to your profile. This is a great way to establish you as a thought leader and get exposure to your LinkedIn community.
- **Videos and Presentations:** If you post presentations and other content to Slide Share or videos to YouTube, you can display these valuable content items in your LinkedIn profile.
- **Recommendations:** LinkedIn makes it easy for you to request recommendations from your connections. A collection of glowing recommendations that underscore your expertise and experience will significantly enhance your profile.
- **Projects:** If you have successful projects you want to highlight, post your projects including a description, link and the team members you worked with.
- **Skills and Expertise:** List your skills and expertise on your profile to help others understand your strengths and improve your ability to be found. Connections will be able to endorse your skills by providing their seal of approval.
- **Publications:** Showcase any publications you have written or publications that have featured your work.
- **Volunteering and Causes:** List organizations you support and causes you care about outside of work.
- **Patents, Courses, Test Scores, Certifications, Languages and Awards:** All of your most important accomplishments can be presented for your connections to see.

6.3.3 Create a Company Page

Create a company page to tell your company's story, showcase your products and services, share updates with followers and recruit new employees. Your company page can feature:

- **Banner Image:** The banner image is the first thing people will see when they visit your company page. Design one that reflects your company's brand and the image you want to portray.
- **Products and Services:** Feature your products and services including rich descriptions, images, feature lists, YouTube videos and links.
- **Status Updates:** Status updates on your company page can feature content from your website with links back to the detail. For a fee, you can also promote your updates throughout the LinkedIn community through sponsored updates. The key is to post updates regularly.
- **Career Opportunities:** For a fee, you can post open positions to recruit new employees.

6.3.4 Take Advantage Of LinkedIn Community Features

In addition to your profile and company page, LinkedIn provides a number of community features that allow you to communicate and collaborate with other LinkedIn users, including:

- **Groups:** LinkedIn Groups help you stay informed and keep in touch with people that share your interests. You can create your own LinkedIn groups or join any number of groups that focus on your area of interest or expertise. Expand your circle of influence by participating in discussions in various LinkedIn groups.
- **Influencers:** LinkedIn Influencers enables you to connect with well-respected thought leaders in many walks of life. Influencers like Tony Robbins, Guy Kawasaki and Richard Branson, as well as many lesser-known experts, contribute original content in the form of blog posts. You can comment on their posts and share them as status updates on your personal LinkedIn profile.

6.3.4 E-mail Marketing for Business:-

Email Marketing is one of the most effective ways to let your customers know about your products. It is an open line of communication between companies and their clients for requisite exchange of information and dialogue. It helps in keeping the client interested and loyal towards the product.

Things You Need to Know About Email Marketing

6.3.5 Making Use of Customer Database to Reach Out –

The sole task of generating a database or using an existing one is to tend to the relationship that exists between merchants and buyers. It could be about forging a new one or improving an

existing one to an altogether new level. The ultimate essence of it is to build the thread of loyalty among them.

6.3.6 Different types of emails that are sent - Within the parameters of email marketing, there could be different types of emails that can be a part of this marketing campaign. The following are its various types-

6.4.1 The Requisite Transactional Emails - The transactional emails are the ones that pertain to an ongoing transaction of a given company with the client. It could be explaining the confirmation of an order or related to the despatch of the same. There is a huge amount of importance attached to such mails for they form the important link of communication between the client and the parent company.

6.4.2 The Agreed upon Advertisement related Emails - Such emails speak of the product or disseminate product related information. They could be generated perhaps on a monthly basis. The client has of course given his consent for the receiving of such emails in his inbox.

6.4.3 Direct Promotional ones - Often companies have their upcoming promotions that they need the clients to know more about. There is the existence of parallel services whose assistance may be sought for the procurement of lists of email addresses to which such emails can be sent. They speak directly of the various marketing gigs of the company and also render information about the old and the new products.

6.4.4 Emails regarding current discount pop ups - More than often companies have executives racking their brains for quick discounts, unprecedented sales and other assorted sale offers that need quick marketing. These are put across to clients through innovative ways in an email format. They are helpful in keeping the communication alive among the buyer and the seller and also for the renewal of interest in the company's merchandise.

6.4.5 The digitalization of all communication With more and more people establishing their access to internet and their continual reliance on it, it is an inevitable progression for companies to rely more and more to email marketing. In fact, an email marketing company in Delhi has vouched for a drastic increase in the traffic of the website owing to the advantages of email marketing alone.

6.4.6 Choosing the Right Email Service Provider

- Campaign Monitor
- WebEngage
- ZeroBounce
- Kingmailer
- SENDER
- Zoho Campaigns
- MailChimp
- Scope
- Community
- PutsMail
- FreeFormatter.com

Respecting personal data will change your **email marketing** strategy. Mai able 'Micro sites' are adopted by more companies to increase customer research, engagement, and retention. Conversion tones are adopted to increase genuine human interaction with customers. Rendering is addressed to improve UX across **email** clients

EMAIL MARKETING

A graphic illustration featuring the words "EMAIL" and "MARKETING" in a bold, dark blue, sans-serif font. Below the text, a dark blue laptop frame is shown. Inside the laptop screen, two envelopes (one yellow, one blue) are visible. Surrounding the laptop and text are several other colorful envelopes (orange, green, red, yellow, blue, purple) and small colored circles, suggesting a dynamic and multi-channel marketing approach.

Google for business :



Rating

Hours ▼

ThinkNEXT Technologies - Industrial Training Internship Chandigarh...

4.5 ★★★★★ (1,499) · Software company

S.C.F 113 · +91 78374 01000

Open · Closes 7PM

 "ThinkNEXT is the **best summer training company** in Mohali."



Website



Directions

6 Months Industrial Training in Mohali

4.5 ★★★★★ (2) · Software training institute

84/B, Top Floor, Shahi Majra · +91 87280 39876



Directions

6 Months Industrial Training (Best Training Institute)

5.0 ★★★★★ (2) · Training centre

#388, Ground Floor

Open • Closes 8PM

👤 "Best 6 month training course :) 🌟🌟🌟🌟🌟🌟🌟🌟🌟🌟🌟🌟"

 Website

Directions

If you're hoping to make your company more discoverable (and easy to locate geographically) Google has handed you the tools you need on a silver platter. As a study from Optify tells us, it pays to be at the top. Websites that appear on the first page of Google get 54.8 percent of all clicks from users.

6.5.3 Long-term SEO value

Google Plus remains a key part of organic search rankings and brand visibility. As SEM Rush points out, —...the simple fact is that studies of SERP ranking factors continue to highlight the influence of Google My Business signals (and therefore Google Plus) have on your organic rankings.¶

The lesson? It pays to sign up for Google My Business and optimize it for your target audience.

6.5.4 Influence over potential buyers

Google Plus accounts are no longer required for customers to leave reviews. That means anyone that does business with you can share their experience. You can use business reviews as a way to get more credibility, increase your organic search ranking, and influence potential buyers to check you out over the competition.

6.5.5 Resources at your disposal

In addition to Google Plus, you have a ton of other Google resources at your disposal—Communities, YouTube, Gmail, Google Maps, Hangouts, Ad Words—all intended to help you maximize your marketing strategy.

6.5.6 Community engagement

6.5.3How to set up your Google Plus account for business

If you haven't set up your Google Plus account (or can't remember if you created one), hold tight. We'll show you how to build one from scratch or migrate your existing business Page over to Google My Business.

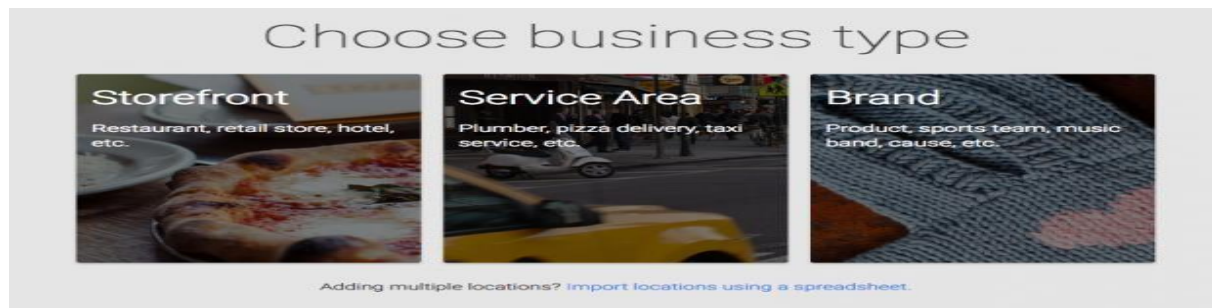
6.5.3.1 Create a Google My Business account

First, you need a Google My Business account. Once it's set up, you automatically have access to a Google Plus for business page. If you own multiple businesses in different locations, you need to set up a Google my Business account for each one of them as your business shows up in search based on location. Remember, you can always log in through Gmail to view your existing Google Plus Pages.

6.5.3.2 Select your business type

Before creating your Business Page, you'll be prompted to select your business type. You have three options to choose from: **Storefront, Service Area, or Brand**. Storefront and Service Area options are for local businesses, while Brand is for products or other business types that are not attached to a particular location. If you select one of the first two options, then you'll be prompted to give your business name and geographic location (unless you've already done so in step one). Your options will appear as follows:

Not sure what business type to select? Consider the following



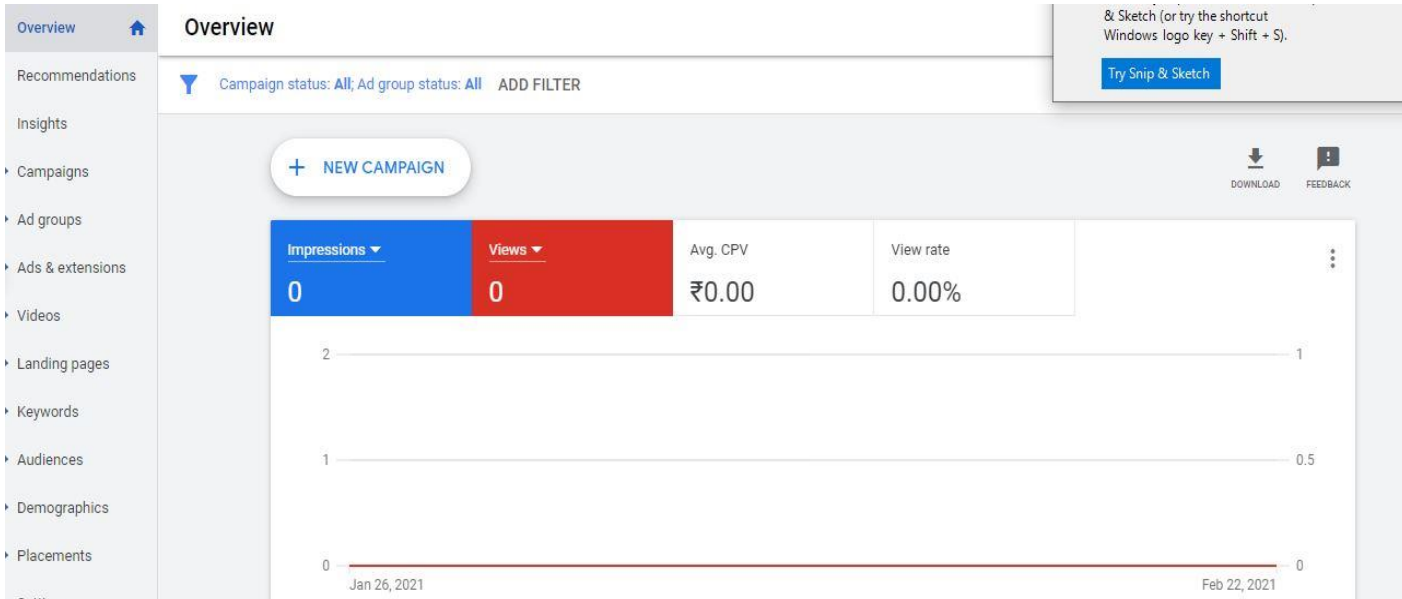
Google Ad words and PPC Advertising

The monthly search for the term “**Google Ad Words**” is 1.5 million. Google generates 97% of its revenue from its ad platforms. Since 2014 – Q4, the spending on P015oPC ads has risen 12% year-on- year. All their stats tell us one thing. More and more businesses are spending their advertising money on Google Ad words. But why ?

There’s one simple answer – it works! Here are a few stats to show how effective it can be.

6.6.1 Need to get an account up and running

You can set up your **Google Ad Words account** at: <https://www.google.com/adwords/>



They have a guided setup where you answer questions like your email address and website that you will be sending your ads to. You will also set your country, time zone, and currency. The setup is pretty straightforward. There are some options and extensions for your ads that take a little more consideration, and we can walk you through that in the —Advanced— section on this page.

If your budget allows, take advantage of Google’s support.



Qualify for free set-up and support from Google

Our team of AdWords specialists will work with you at no extra cost when you invest \$10/day or more.

1-855-687-0804

* For customers committing to \$10 per day or more in ad budget. Phone support operating hours are Mon-Fri, 9am-9pm ET

Once you have an AdWords account set up, you can import that into a Bing Ads account as well. That will post your ads on Bing, Yahoo, and AOL searches. bingads.microsoft.com.

Here’s What You’ll Need before You Start:

A website (better: landing pages on your website)

Keywords — search terms you want to advertise on (better: organize those keywords into groups)

Ad copy and headlines — The messaging of your offer or service

6.6.2 Choosing Your Keywords First, What are Keywords?

When you see —keywords— in reference to ads (or maybe —paid keywords— to be more precise,) think of these as the phrases people search in Google, and your ad would appear in front of them as a possible solution.

If a business sold balloons for special occasions, their keywords might include:

- Helium balloons
- Mylar balloons
- Send a birthday gift
- Kids party supplies

Keyword Match Types

Using the example above, their ads would work well for helium balloons and kids party supplies. If our seller wanted to cut corners and just go with any —balloon— search, that opens the door to bad matches.

Hot air balloon rides

This has nothing to do with their business, but they would end up losing money on any of their ads that people clicked. Choosing the right keyword match types is a major part of running an effective campaign.

Exact Match: [helium balloons]

This should match searches with only this term as you typed it — without additional phrases tacked on before or after. The words have to stay in order.

Returns your ad on searches for: helium balloons

Special note: It *also* returns your ad on —close variants, and that includes misspellings like *helium ballons*.

Phrase match: —helium balloons

This keeps your phrase together as you entered it (and in order), but other words can come before or after (just not between) your words.

Returns your ad on searches for: *buy helium balloons, helium balloons delivered*

Special note: Won't return ads on *helium filled balloons*

Broad Match: helium balloons

This will return variations (similar to what you saw with exact match), but it doesn't have the limitations of whatever comes before or after it.

Returns your ad on searches for: *helium balloons for parties, inflatable balloons*

Modified Broad Match: +inflatable +balloons

This adds a touch more control to broad matches. Like exact match, it returns on variations (misspellings, abbreviations, plurals, and stems (like turning —inflatel to —inflatedl or —inflatablel))

Returns your ad on searches for: *balloons inflated with helium, best balloon inflation techniques*

One of the important things to note about broad modification is that it does not trigger for synonyms like broad match does. This is often times misunderstood. Broad modified is more like using exact match with a wild-card.

6.6.3 Start with the Best Keywords for Your Campaign

Since you pay for any click that your ad gets, you want to match your ad to the most relevant searches possible.

You can brainstorm keyword ideas, but there's a short cut. We recommend these steps to find the most profitable, effective keywords for your campaign.

Keywords aren't case-sensitive, and it's best to avoid non-standard characters like: ! @ % *

Headlines

You have 25 characters to grab someone's attention. Forget calling them —readers; at this point they are —browsers, skimming the page to see what might answer their search.

Tickets Without Fees - tickpick.com

Ad www.tickpick.com/

4.7 ★★★★★ rating for tickpick.com

Browse Concert Tickets With No Fees 100% Guaranteed. Save up to 10-15%.

Cheap Concert Tickets	Rihanna
Adele Tickets - No Fees	Billy Joel Tickets

Your headline should be attention-getting (but not misleading), relevant, and clear. Every headline has the same single objective: make them read the next line.

Create headlines with the actual searches in mind. It's tempting to use an umbrella term like —A wide selection of ink toner‡ for all ink toner products, but you're missing out on feature that plays in your favour.

Google often bolds the words in a headline that match what the user searched. If the user searches HP cyan refill, a better headline is —Cyan refills for HP printers.‡

Tips

Consider dynamic keyword insertion. It automatically drops the exact keyword into your headline, and it's best used in your highly-specific ads for products or services that you offer.

When the ad on a —print your own t-shirts‡ search tells them that they can indeed print their own t-shirts, you can expect a qualified visitor clicking through to your site.

Ad Copy

Be enticing and clear about what you can do for the reader. You have 2 lines (of 35 characters each) to describe your offer.

Custom Pinatas For Sale - pinatas.com

Ad www.pinatas.com/ ▼

Building Custom Pinatas Since 1988. Any Shape, Any Size. Order Now.

Rush Orders Available · Made In The USA · 30 Years Of Fun

Your ad copy is your shot at getting someone to understand what you offer and then click through to learn more or to take advantage of that offer. Anything vague or mysterious can only waste your money on clicks from high bounce rate visitors.

When you are setting up your account, be prepared with ad variations for different keyword groups. This might be a product line or different services. For example, your ads for —print your own t-shirts‡ would be different from your ads for —custom kids t-shirts‡ since the reader has a specific product in mind.

Landing Page

High-performing ads get customers to your site, and you pay for them whether or not the visitor buys (or signs up). That means to be successful overall, your ads need to point to a strong, relevant landing page that delivers on what the ad promised.

The great thing about the display URL is that it does not have to be the actual landing page URL. You can take advantage of this and use it to your marketing advantage, by creating a display URL like www.mysite.com/keyword-you-searched-for. (Any matching keywords in the URL usually get automatically bolded in the results, too!)

Most sites do keep the same domain in the display URL as in the actual destination URL. It's a good practice.



6.6.4 Select your campaign type and name

To start your campaign, go to <https://adwords.google.com>, find the —Get started now! button, and sign up for an AdWords account. Once you're logged in, click the —Create your first campaign! button.

- Choose the geographic location where you'd like ads to show
- Choose your —bid strategy, and set your daily budget.
- Ignore the —Ad Extensions! section for now.
- Create your first ad group, and write your first ad.
 - Here's the short version of your ad template:
 - Headline: up to 25 characters of text
 - 2nd line: up to 35 characters
 - 3rd line: up to 35 characters
 - 4th line: your Display URL
- Insert your keywords into the keyword field in your account.
- Set your maximum cost-per-click.
- Review everything.
- Enter your billing information.

Your ads will start showing as soon as you confirm your payment information. Now you're set

- Insert your keywords into the keyword field in your account.
- Set your maximum cost-per-click.
- Review everything.
- Enter your billing information.

6.6.5 Lead Generation

Introduction to Lead Generation:

In marketing, **lead generation** is the initiation of consumer interest or enquiry into products or services of a business. Leads can be created for purposes such as list building, e-newsletter list acquisition or for sales leads. The methods for generating leads typically fall under the umbrella of advertising, but may also include non-paid sources such as organic search engine results or referrals from existing customers.

FUTURE WORK

It can be summarizing that the future scope of the project circles around maintaining information backup mechanism for taking backup on codebase and database on regular basis on different servers.

The points are the enhancements which can be done to increase applicability and usage of the project. Here we can maintain the records of event and booking. Also it can be seen that now a days the players are versatile, i.e. so there is a scope for introducing a method to maintain the event management system. Enhancement can be done to maintain all the event, booking, customer, employee, and enquiry.

Leads may come from various sources or activities, for example, digitally via the Internet, through personal referrals, through telephone calls either by the company or telemarketers, through advertisements, and events. A 2015 study found that 89% of respondents cited email as the most-used channel for generating leads, followed by content marketing, search engine, and finally events. A study from 2014 found that direct traffic, search engines, and web referrals were the three most popular online channels for lead generation, accounting for 93% of leads.

Lead generation is often paired with lead management to move leads through the purchase funnel. This combination of activities is referred to as pipeline marketing.

A lead is usually allotted to an individual to follow up on. Once the individual (e.g. salesperson) reviews and qualifies it to have potential business, the lead gets converted to an opportunity for a business. The opportunity then has to undergo multiple sales stages before the deal is won.

How to Generate Leads: The Mechanics of Lead Generation

Now that we understand how lead generation fits into the whole inbound marketing methodology, let's review the actual components of the lead generation process.

Visitor: A visitor has discovered your business through one of your marketing channels, whether that's your website, blog, or social media page. On any of these channels, you'll need to have a ...

Call-to-Action (CTA): A call-to-action or CTA is an image, button, or message that calls website visitors to take some sort of action. When it comes to lead generation, this action is to navigate to a ...

Landing Page: A landing page is a web page a visitor lands on for a distinct purpose. While a landing page can be used for various reasons, one of its most frequent uses is to capture leads.

Forms: Forms are typically hosted on landing pages, although they can technically be embedded anywhere on your site. They consist of a series of fields (like in our example above) that collect information in exchange

Offer: An offer is the content or something of value that's being "offered" on the landing page. The offer *must have enough value* to a visitor to merit providing their personal information in exchange for access to it

Lead generation is often paired with lead management to move leads through the purchase funnel. This combination of activities is referred to as pipeline marketing.

A lead is usually allotted to an individual to follow up on. Once the individual (e.g. salesperson) reviews and qualifies it to have potential business, the lead gets converted to an opportunity for a business. The opportunity then has to undergo multiple sales stages before the deal is won.

Advertising in business is a form of marketing communication used to encourage, persuade, or manipulate an audience to take or continue to take some action. Most commonly, the desired result is to drive consumer behaviour with respect to a commercial offering. Advertising is defined by Richard F. Taflinger as —Advertising is the non-personal communication of information usually paid for and usually persuasive in nature about products, services or ideas by identified sponsors through the various media."

Advertising is normally done by a third party known as advertising agency. An advertising agency is a service based business dedicated to creating, planning, and handling advertising for its clients. An ad agency is independent from the client and provides an outside point of view to the effort of selling the client's products or services. An agency can also handle overall marketing and branding strategies and sales promotions for its clients. Types of ad agencies are:

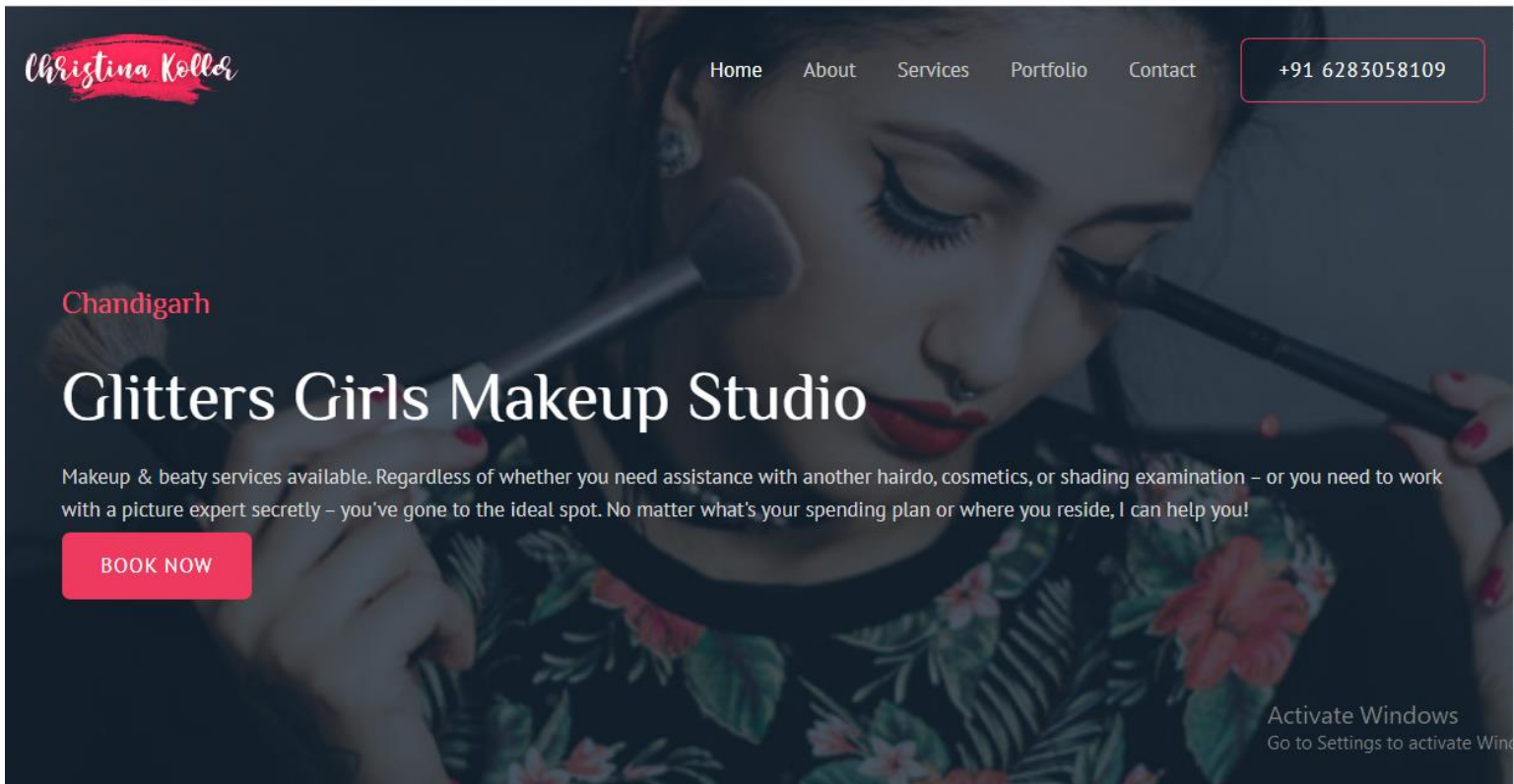
- Full service agencies
- Creative agencies
- Specialized agencies
- In-house agencies
- Digital agencies or new media agencies

This report is completely discussing about digital or new media agencies. There was a time when Television was the most popular medium for Marketer to promote, spread awareness and generate leads for their products but now the trend has changed and Digital Marketing has taken its place. Main reason for this change was

- Traditional methods are expensive. Compared to digital marketing channels, you could end up spending thousands of dollars more.
- Traditional marketing channels fail to provide instant feedback and reports about who saw or heard an ad, and took action. This data is collected long after the initial ad impression is made (and still then, the statistics are far from exact numbers).

Digital marketing, on the other hand, refers to marketing methods that allow organizations to see how a campaign is performing in real-time, such as what is being viewed, how often, how long, as well as other statistics such as sales conversions.

Output screen website : Home Page project



About Me



It's All About My Story

I Have Been A Passionate Make Up Artist.

Individuals regularly love to find out about an individual and his mastery prior to selecting certain administrations. Same goes with excellence and cosmetics. You can utilize this segment to tell individuals what your identity is, your capability and ability that settle on you a superior decision among the rest. Inform them regarding your experience and administrations.

Services

Choose From Collection



Clean Nail Art

we provide you with nail art what ever design you want to put on your nail our experts give you full satisfaction.



Hair Styling

we gives the best hair styling like curling straightining, or any wedding ,pre-weeding haristyling.



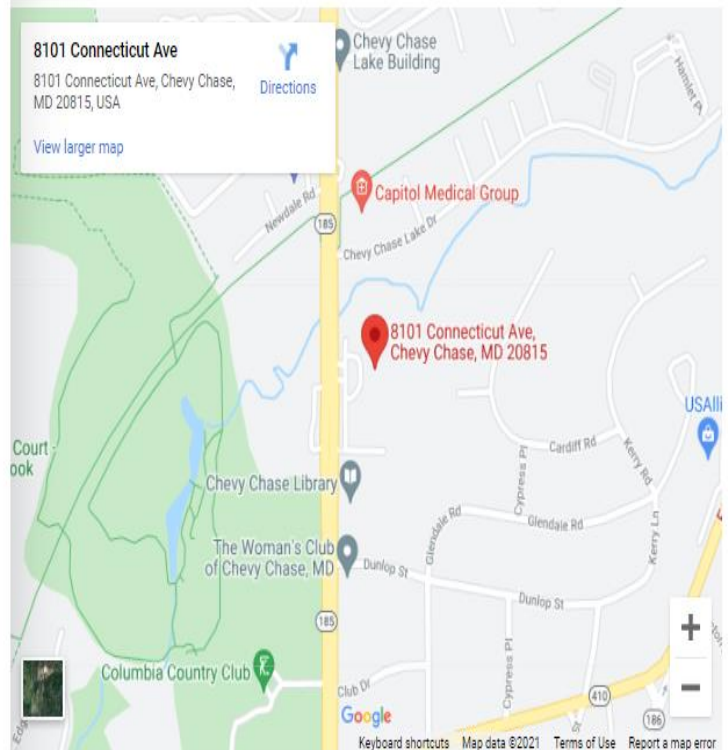
Full Body Massage

we also provide full body massage facility by which our customer get relief.

Get In Touch

Elit tellus, luctus nec ullamcorper mattis, pulvinar.

SEND REQUEST



Chapter 7

Testing

White Box Testing

- White box testing is the software testing method in which internal structure is known to the tester who is going to test the software. Generally, this type of testing is carried out by software developers. Implementation Knowledge is required to carry out White Box Testing. Programming Knowledge is required to carry out White Box Testing.
- The login page was successful.
- The admin page is successful.
- The Famous places manage list is successful updated
- The Hotel manage list is successful updated
- The contact information is successful.

Black Box Testing

- Black box testing is the Software testing method which is used to test the software without knowing the internal structure of code or program. This type of testing is carried out by testers.
- Implementation Knowledge is not required to carry out Black Box Testing.
- Programming Knowledge is not required to carry out Black Box Testing.

chapter 8

Conclusions

If you want to get the full benefit of digital marketing, you have to know the conclusion of digital marketing.

- **Direct advertising:** Through digital marketing, you can inform your customers about your products. If you take a good advertising strategy and promotional tools, it can help you to perform well in the highly competitive market.
- **Available 24/7:** Online promotion is a good trick for today's world. It is good enough because the world wide web never rests. So, your product will be available for the viewers for 24 hours.
- **Easy consumer reach:** If your main aim is to target a large sum of people, then digital marketing is a good way to communicate. Social media marketing has revolutionized the marketing activities. There are so many social media platforms. They are on Face book, Twitter, Whats-app, We chat, Skype, Google+, Blogs, Instagram, YouTube etc.
- **Cost effective:** Digital marketing is cost-effective in comparison with the traditional marketing channels, such as TV, radio, Newspapers, Magazine, and banners etc. Social media plays a vital role in promoting digital activities. This feature helps small organizations to market their business targeting the global customer.
- **Global advertisements:** Through digital marketing, you can expand your customer reach to other countries in spite of geographical barriers. It is one of the most effective benefits of digital marketing.
- **Consumer's convenience to shopping online:** Due to the growing popularity of digital marketing, customers have become more convenient to shop online at any time of the day. Through digital marketing, companies and customers get the opportunity to acquaint themselves with each other.
- **Easy brand promotion:** With the growth of the digital marketplace, various brands can easily reach their customers.
- **Instant feedback:** Through digital marketing, you can get instant feedback from your customers. So, you can improve your services promptly.
- **Simple to measure:** Digital marketing offers the companies to measure their marketing activities. It also helps the marketers to evaluate and audit their online contents for quality purposes.
- **Time-saving:** If you start your business on the internet, it may save your time and effort. There are so many ways to stay connected with your customers of them live chat support and FAQ section.

Chapter 9

References/Bibliography

1) www.youtube.com

2) **Word Press** is an open source **Content Management System (CMS)**, which allows the users to build dynamic websites and blog. Word Press is the most popular blogging system on the web and allows updating, customizing and managing the website from its back-end CMS and components.

3) **Google My Business**

<https://itonline.ml/dashboard/l/15008169128354058914?hl=en>

<https://itonline.ml/dashboard/l/01563155540747383885?hl=en>

Project Report

On

“TECHSAMBHAV-DIGITAL MARKETING AGENCY”

**SRI GURU GOBIND SINGH COLLEGE
SECTOR-26, CHANDIGARH**



**AFFILIATED TO
PANJAB UNIVERSITY, CHANDIGARH**



**FOR THE PARTIAL FULFILLMENT FOR QUALIFYING DEGREE OF MASTER'S OF
SCIENCE (INFORMATION TECHNOLOGY) 2019-2021.**

Submitted to :

Mrs. Meena Jindal

[Placement and Training Incharge

Department of Computer Science]

Submitted by:

Name - Sambhav Jain

Roll no. - 21802

Class – MScIT(4th Sem)

PREFACE

Every professional course may not be considered complete till the student has practical knowledge about it. To fulfill this requirement, a practical training must be done.

Computers have become a sort of prerequisite to a successful career in today's competitive environment. Computers basically stress on doing things practically. It is essential that practical field experience be gathered which puts to test the classroom learning because in computers we never came across problems, which can be solved using standard solution. Thus in absence of practical training, classroom learning is highly handicapped.

This project is being accomplished by me as a part of this training. I am pursuing, keeping in mind the importance and relevance of this project to my future professional life.

This project work provided me ample opportunity of handling things practically, in depth knowledge of graphics and other various tools used in development of this project.

In the forthcoming pages, an attempt has been made to present a comprehensive report on the different aspects of my development work.

ACKNOWLEDGEMENT

“I bow my head to the Almighty God who gave me strength and wisdom due to which I have been able to complete this project successfully”.

I express my sincere thanks and indebtedness to our esteemed institution **Sri Guru Gobind Singh College, sector-26, Chandigarh** which has provided us an opportunity to fulfill our desire and reach our goals.

First, we would like to thank **Mrs. Meena Jindal** , the in charge of my training, secondly **Mrs. Navjit Kaur** the guide of my project who, helps in providing all the facilities required for my project work.

On a moral personal note, my deepest appreciation and gratitude to my beloved parents, who have been a fountain of inspiration and have provided unrelenting encouragement and support.

I heartily thank all those who have helped us directly or indirectly in the successful completion of this project.

SAMBHAV JAIN (21802)

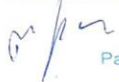
CERTIFICATE



CERTIFICATE OF TRAINING

This is to certify that SAMBHAV JAIN, a student OF DIGITAL DISCOVERY INSTITUTE,
has successfully completed 3 MONTH'S of Training program as a DIGITAL MARKETING.
During 15 MARCH 2021 to 15 JUNE 2021 period of his/her Training program with us,
he/she was found punctual, hardworking and inquisitive.

For SEO Discovery


Partner

Mandeep Singh (Managing Director)

STUDENT DECLARATION

I SAMBHAV JAIN student of MSc. IT 2nd year (sem-4) of Sri Guru Gobind Singh college-26, Chandigarh.

Hereby declare that my project entitled “TECHSAMBHAV-Digital Marketing Agency” is my own work conducted under the supervision of our project in charge Mrs. Navjit Kaur and training in charge Mrs. Meena Jindal.

I have taken a keen interest and showed utmost sincerity and punctuality towards the completion of this project.

Hope my hard work will be admired by all.

SAMBHAV JAIN (21802)

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COMPANY PROFILE

SEO Discovery, Mohali is a top digital marketing company in India providing a 360° understanding of digital marketing. We offer Digital Marketing course to transform you into a complete digital marketer with proficiency in the top eight digital marketing domains such as search engine optimization (SEO), pay-per-click, social media, conversion optimization, web analytics, content writing, web & app design and development, and email marketing.

Whether you are a student, entrepreneur, or job aspirant, our tailor-made certification course will help develop your digital skills and fast-track your digital marketing career.

SEO Discovery is a global leader in next-generation digital marketing services, solutions, and consulting. Our digitally-savvy marketing specialists understand the connection between content and customers.

Our reputation is built on a decade of successful delivered measurable results. Spectacular journey of over a decade with thousands of delighted customers, 24hrs excellent support with world's biggest in house digital marketing squad.

Setting the benchmark in the Digital Marketing Industry, Digital Discovery Institute is the most innovative training center strategically located in Mohali. We deliver classroom and online digital marketing training across India covering SEO, PPC, SMM, Content, SEM, and many more. With a holistic approach to the training, the long-term needs of students are taken into account. As digital marketing is an evolving niche with new tools and technologies coming in, we too keep innovating our training methods offering the best possible courses.

CHAPTER-1

PROJECT STUDY

Techsambhav is a **digital marketing agency** providing digital marketing services to worldwide clients. As due to COVID many business are shut so it's the best time for best for the small and medium scale businesses to get their presence online .so our main motive is to enhance the offline business to make their online presence.

Techsambhav helps lot of clients to make their online presence with help of website. Once the website is ready the next step is to do the ranking of the website. Our main focus is to improve the online presence and to rank the website. We also provide social media marketing so that to get exposure on the social media. As we know that in today era all age groups use the internet on mobile or desktop and world so when we market with social media we get our proper audience.

Techsambhav helps the business to convert their audiences, followers, readers, reviewers to convert into customers. We work on well-defined strategies to get the customers of our client.

We also provide the service of online reputation management to manage their reputation on the online platform.

Project Title: Techsambhav-Digital Marketing Agency

Project Advisor: Mrs. Navjit kaur

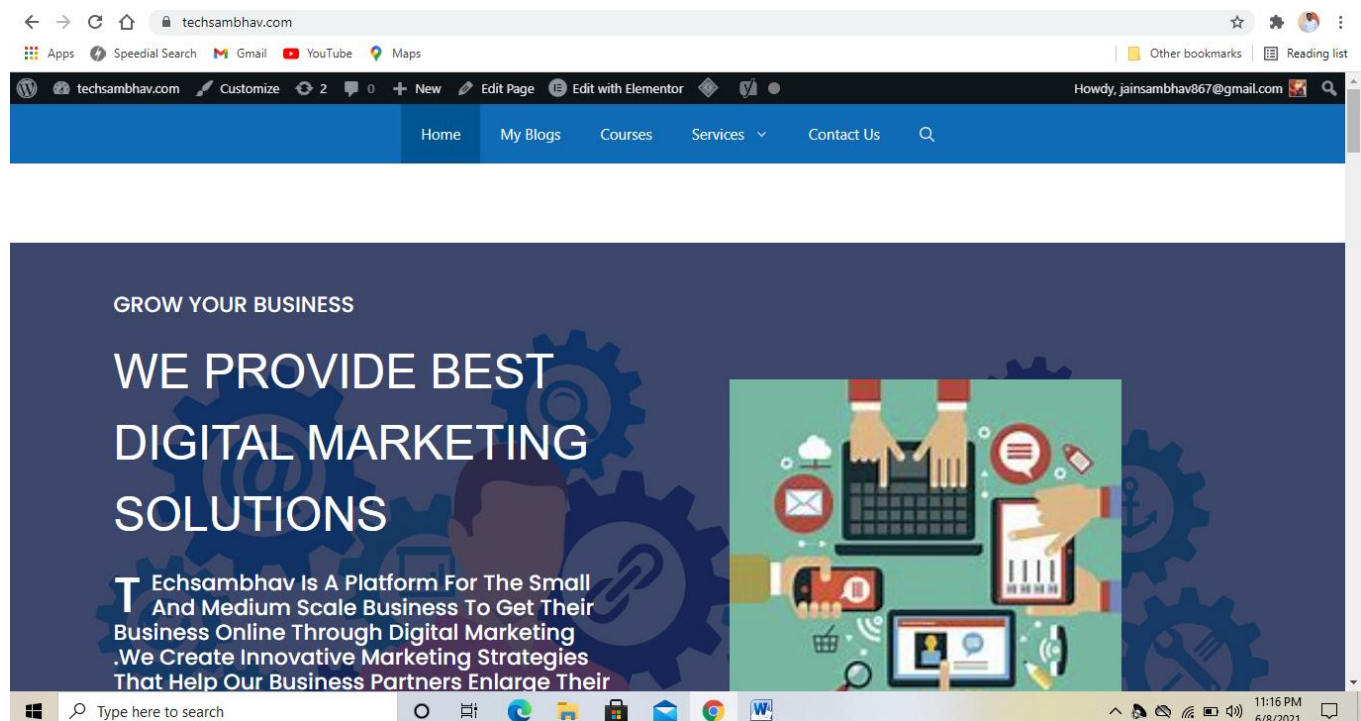
Project Duration: 6 Months

Project category: Digital Marketing

Introduction

Techsambhav-Digital Marketing Agency is a platform for the small and medium scale business to get their business online through Digital Marketing .We creates innovative marketing strategies that help our business partners enlarge their reach and engagement to their target audience.

As we are seeing the todays scenario due to **COVID** many business are shut down in the curfew and lockdown time so this is a best time for the businesses to join with us. We provide the complete digital marketing services to all the business in this time.



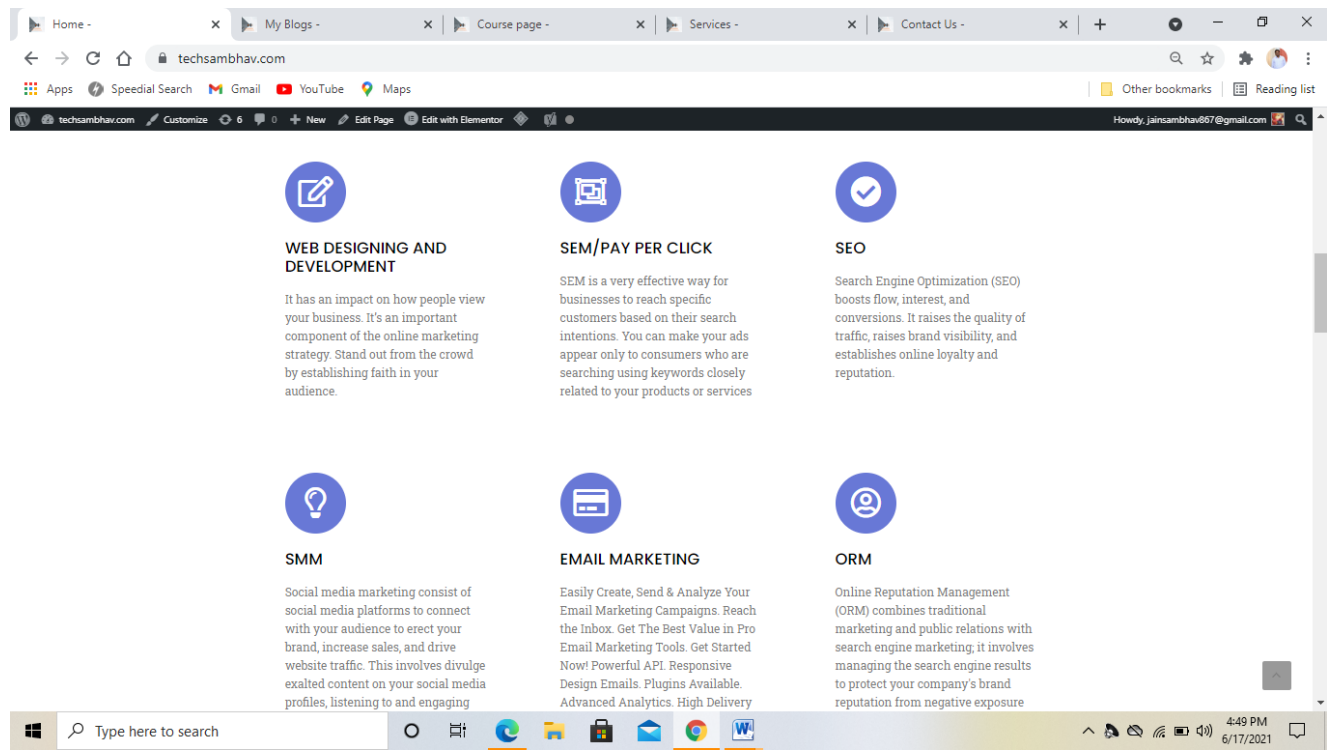
Techsambhav is a premium digital marketing company delivering growth-oriented services to a worldwide client. We create innovative marketing strategies that help our business partners enlarge their reach and engagement to their target audience.

We spark change by bringing the right configuration of industry insights, leading technologies, top-notch talent, Digital Transformation Practices and most advanced software to unlock new value that fits your specific requirements.

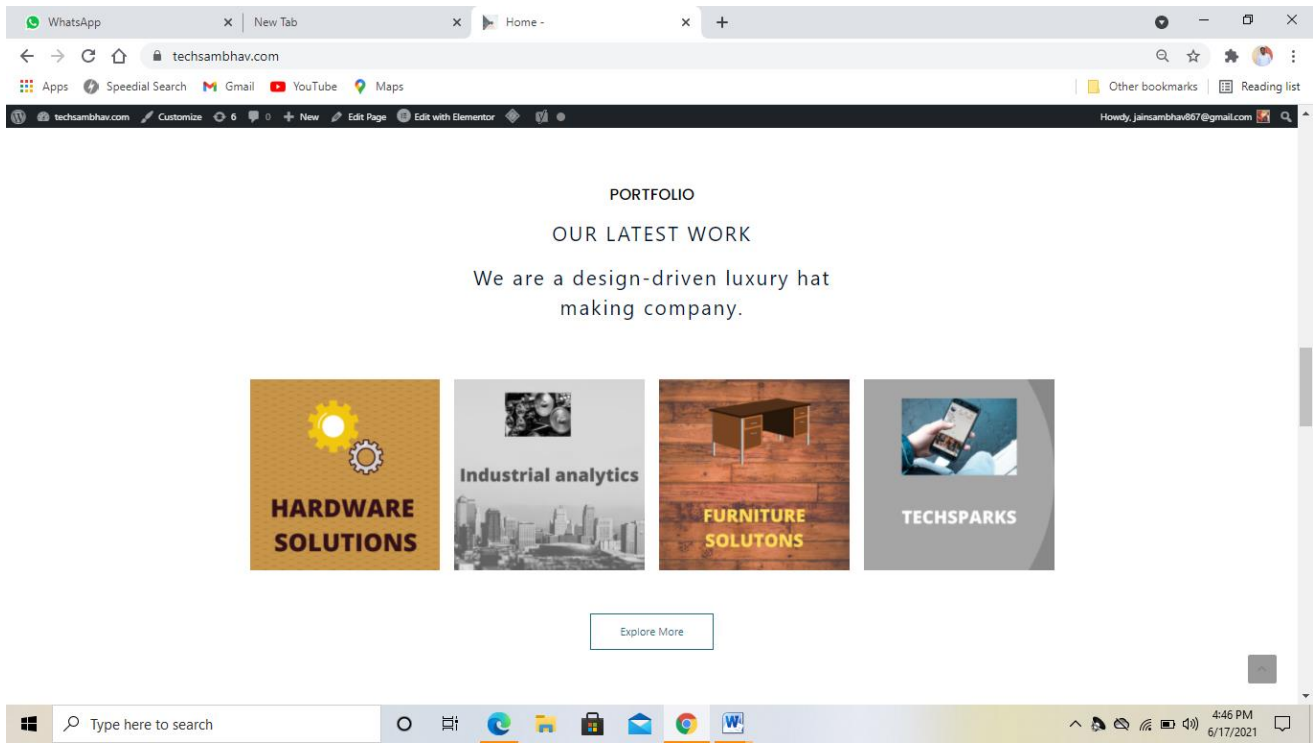
Techsambhav –Digital marketing agency website is made using **WORDPRESS**. It is web publishing software you can use to create a beautiful website or blog. It just may be the easiest and most flexible blogging and website content management system (CMS) for beginners.

Digital marketing or Internet advertising is a form of marketing and advertising which uses the Internet to deliver promotional marketing messages to consumers. It includes search engine optimization, email marketing, search engine marketing (SEM), social media marketing, many types of display advertising (including web banner advertising), and mobile advertising.

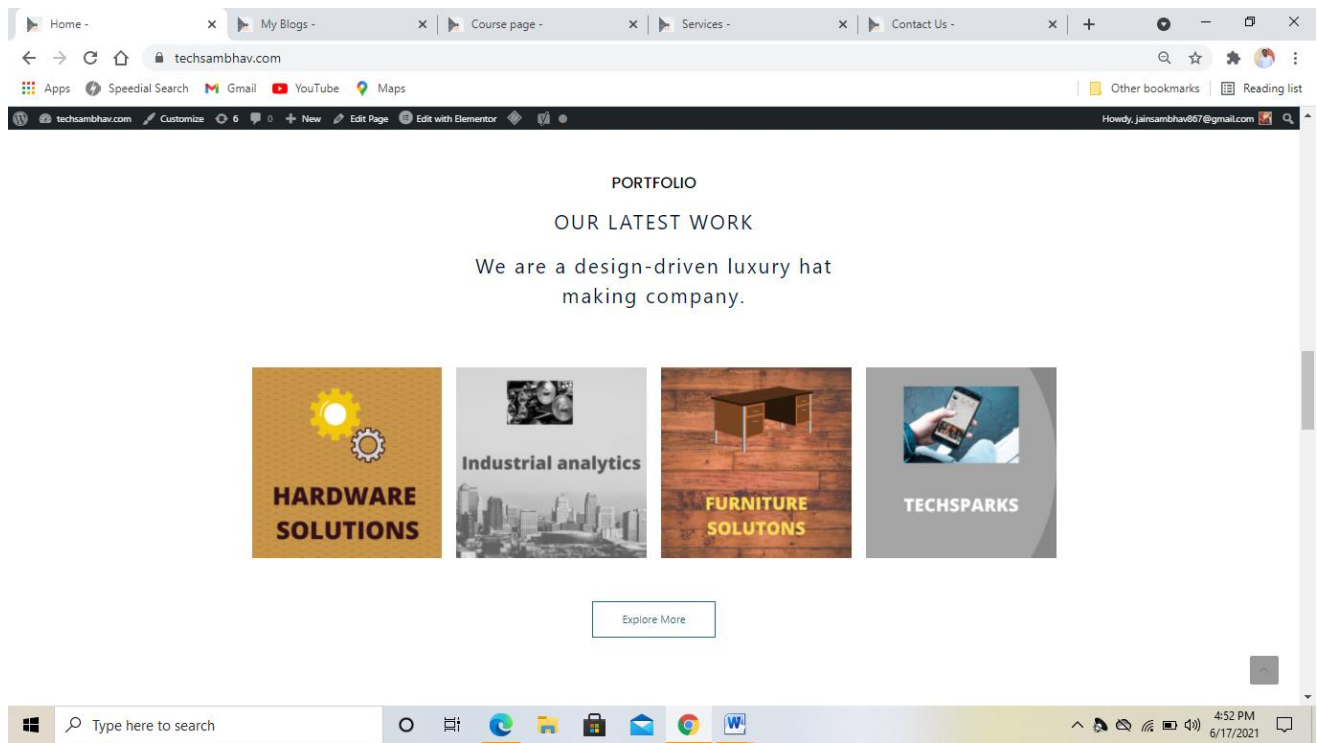
Like other advertising media, online advertising frequently involves both a publisher, who integrates advertisements into its online content, and an advertiser, who provides the advertisements to be displayed on the publisher's content.



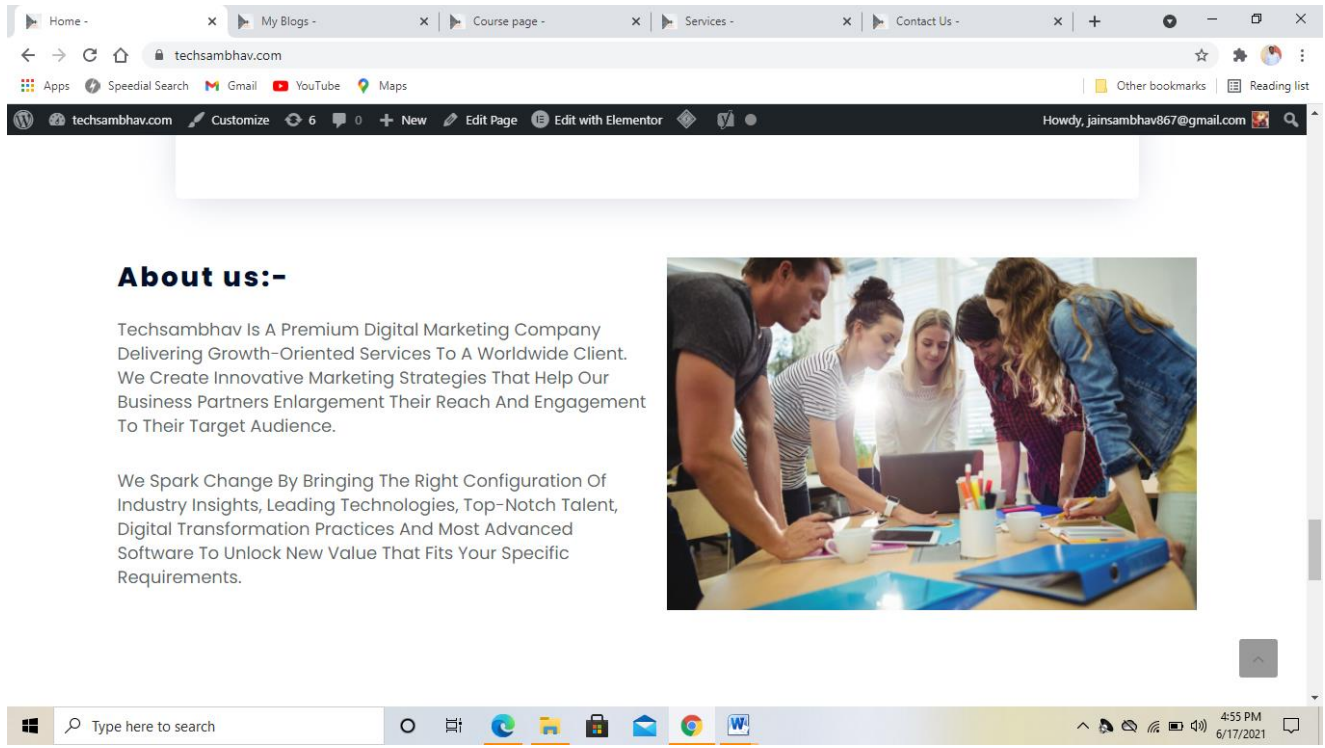
SERVICES OFFER BY TECHSAMBHAV



LATEST WORK BY TECHSAMBAHV



CLIENTS OF TECHSAMBHAV



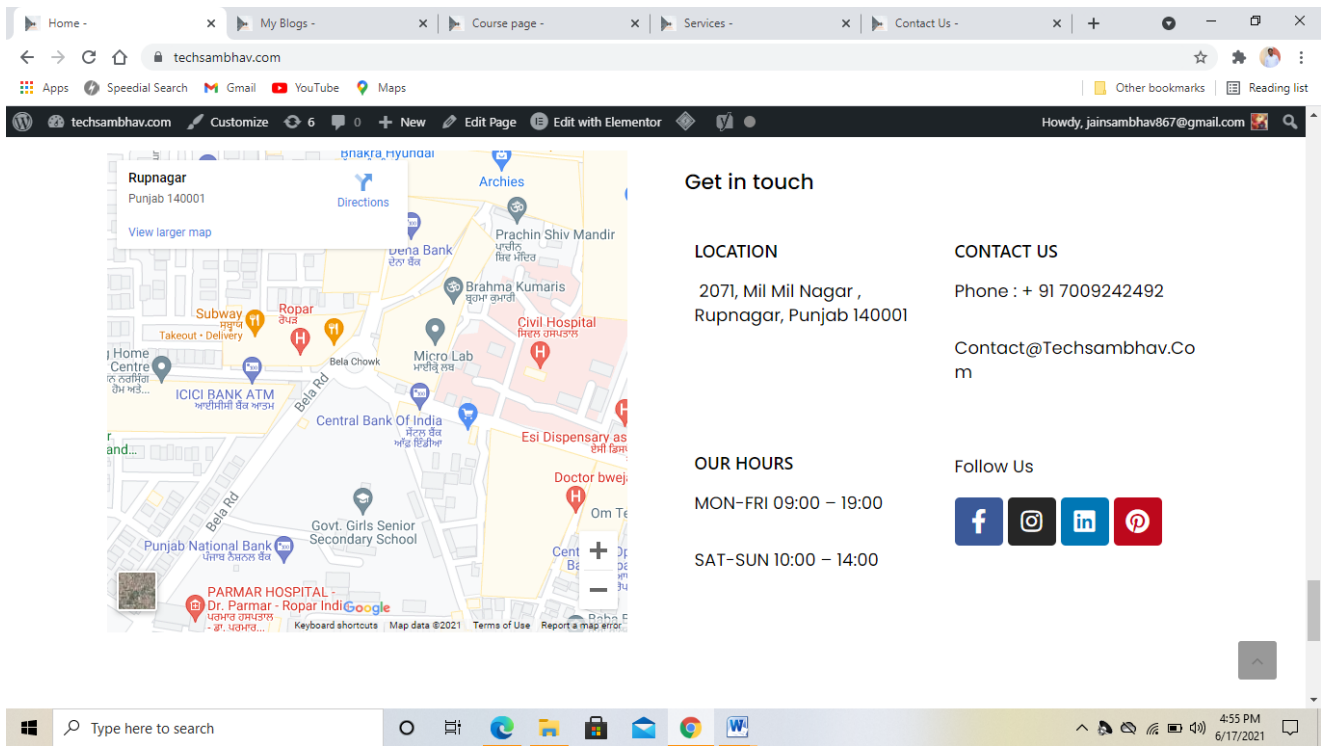
The screenshot shows a web browser displaying the Techsambhav website. The browser's address bar shows 'techsambhav.com'. The website has a navigation bar with links: Home, My Blogs, Course page, Services, and Contact Us. Below the navigation bar, there's a section titled 'About us:-'. The text describes Techsambhav as a premium digital marketing company delivering growth-oriented services to a worldwide client. It mentions creating innovative marketing strategies to help business partners enlarge their reach and engagement to their target audience. Another paragraph states they spark change by bringing the right configuration of industry insights, leading technologies, top-notch talent, digital transformation practices, and most advanced software to unlock new value that fits specific requirements. To the right of the text is an image of a group of people (three men and two women) gathered around a table, looking at a laptop screen, suggesting a collaborative work environment. The browser's taskbar at the bottom shows various application icons and the system clock indicating 4:55 PM on 6/17/2021.

About us:-

Techsambhav Is A Premium Digital Marketing Company Delivering Growth-Oriented Services To A Worldwide Client. We Create Innovative Marketing Strategies That Help Our Business Partners Enlargement Their Reach And Engagement To Their Target Audience.

We Spark Change By Bringing The Right Configuration Of Industry Insights, Leading Technologies, Top-Notch Talent, Digital Transformation Practices And Most Advanced Software To Unlock New Value That Fits Your Specific Requirements.

ABOUT US –TECHSAMBHAV/GET IN TOUCH



The screenshot shows the 'Get in touch' section of the Techsambhav website. On the left, there is a Google Map of Rupnagar, Punjab, showing various landmarks like Rupnagar, Punjab 140001, Archies, Prachin Shiv Mandir, Brahma Kumaris, Civil Hospital, Esi Dispensary, Doctor bweje, Om Te, Punjab National Bank, Govt. Girls Senior Secondary School, and PARMAR HOSPITAL - Dr. Parmar - Ropar. The map includes a search bar and a 'Directions' button. To the right of the map, the 'Get in touch' section is divided into three columns. The first column, 'LOCATION', lists '2071, Mil Mil Nagar , Rupnagar, Punjab 140001'. The second column, 'CONTACT US', lists 'Phone : + 91 7009242492' and 'Contact@Techsambhav.Com'. The third column, 'OUR HOURS', lists 'MON-FRI 09:00 – 19:00' and 'SAT-SUN 10:00 – 14:00'. Below the hours, there are social media icons for Facebook, Instagram, LinkedIn, and Pinterest. The browser's taskbar at the bottom shows various application icons and the system clock indicating 4:55 PM on 6/17/2021.

Get in touch

LOCATION

2071, Mil Mil Nagar ,
Rupnagar, Punjab 140001

CONTACT US

Phone : + 91 7009242492

Contact@Techsambhav.Com

OUR HOURS

MON-FRI 09:00 – 19:00

SAT-SUN 10:00 – 14:00

Follow Us

[f](#) [i](#) [in](#) [p](#)

Scope of Project

Techsambhav-Digital Marketing Agency helps the world wide clients to get the digital marketing services at one platform. The services we offer are web design, web development, and complete digital marketing services so' the client not has to search here and there for other services In this way we create a platform for the small and medium scale business to get all the IT services under one roof.

Every business want to make its website. Once website is ready you have to promote it by digital marketing and when we promote our products and services we get our audience .All the age groups use internet from student to old age. So now the business man has not to search in the market for its customer. Our digital marketing services will help them to get their audience properly and filtered by his/her choice. By this way Techsambhav will help lot of business in the coming future.

Objectives of Project

- Techsambhav helps lot of small and medium scale business to make their presence online in COVID times where everyone has to face lockdown.
- Techsambhav is all in one platform so the client has not to worry as from website to customers we handle all.
- Techsambhav helps the clients to make their audience, followers, readers, viewers into customers.
- Techsambhav make the local listing of business in their service providing areas using Google my business, as most of people search on Google before going to market.
- Techsambhav use the techniques to get organic traffic rather than paid.
- Other objectives: - Business contribution, Marketing outcomes, leads, customer service, customer behavior.

CHAPTER-2

SYSTEM ANALYSIS

This piece of research work aims at understanding the preferred emerging media options used for marketing. In the Internet age many new methods used for product promotion and marketing. "Desk research" has been turned into "online research", now in the online, market research has become possible.

Many Indian companies are using digital marketing for competitive advantage. Social Media has quickly gained prominence as it provides people with the opportunity to communicate and share posts and topics. The development of information technology, followed by the advancement of digital communication tools, has encouraged businesses to change the way of communicating the product.

2.1Methology Adopted

Digital Marketing communications strategy is a strategy of using digital communication media. The purpose of the undertaken study is to examine the effectiveness of online digital media advertising and also about emerging media options used for marketing. This paper mainly studies the development history of digital marketing and existing significance including the difference and contact between digital marketing and traditional advertising and also the relationship between digital marketing and the Internet industry.

This paper helps small businesses such as start-ups to successfully adopt and implement digital marketing as a strategy in their business plan and to recognize the usefulness of digital marketing in the competitive market.

2.2Hardware Requirements

1. PC
2. Backups: At least the same again(at a remote location preferably) as above to keep backups of your site
3. Memory: 256MB (min), 1GB or more is strongly recommended. The general rule of thumb is that the Model can support 10 to 20 concurrent users for every 1GB of RAM, but this will vary depending on your specific hardware and software combination and the type of use.

2.3Software Requirements

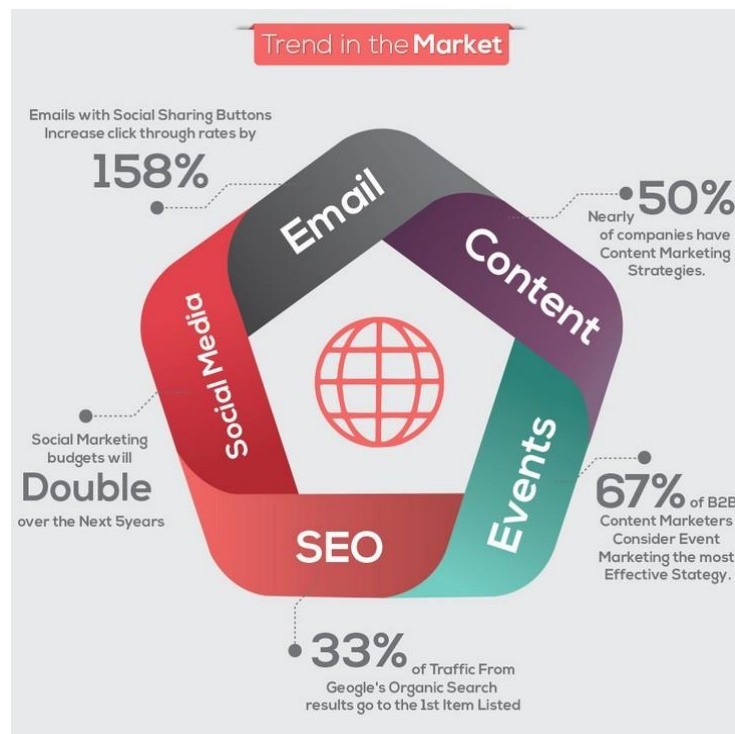
1. **WORDPRESS:** As a CMS (Content Management system).
2. **CANVA:** Canva is software that is extensively used for raster image editing, graphic design and digital art.
3. **GOOGLE MY BUSINESS:** Google My Business is a free and easy-to use tool for businesses and organizations with their online presence across Google, including Search and Maps.
4. **Web server:** Minimum browser for accessing Model: Firefox 4, Internet Explorer 8, Safari 5,Google Chrome 11.
5. **SCREAMING FROG SEO SPIDER:** The screaming frog SEO spider is a website crawler that helps you to improve onsite SEO by extracting data and auditing for common SEO issues

2.4 TOOLS/TECHNOLOGIES USED

DIGITAL MARKETING

Digital Marketing (also Online Marketing, Internet Marketing or Web Marketing) is a collective name for marketing activity carried out online, as opposed to traditional marketing through print media, live promotions, TV and radio advertisement.

The rapid growth of Digital Marketing Industry is a direct consequence of the global phenomenon that is the Internet, and effectiveness of Digital Marketing channels in generating revenue and awareness. Compared to traditional methods of advertising, Digital Marketing offers rather realistic costs (particularly important for small- and medium-size businesses and start-ups), accurate targeting and excellent reporting.



2.4.1 Website Planning and Structure

1. What does Web Designing mean?

With everything going Digital, every company needs a web page to have its online presence. It requires people who can design these web pages, and the entire process is called web design. There is a lot of designing involved and the scope for innovation in web design is endless.

2.Explaining the Process in a brief

A lot of hard work goes into the making of a website. There are ways to host your website on a server. It can be for free, or you can pay for hosting the site. After you buy and register a domain name, you can design your web page in any way you want. Professionals use HTML and CSS to create attractive web pages.

3. Industry scope for Web Designers

Web Designing is an ever growing industry as the internet realm is infinite, and there is always need for fresh web pages. Whether it's for a new company or remodeling of an old website, web designers are always in demand. It is an easy thing to learn and with practice and experience, one can excel in it.

4. Benefits of having a Web Designer

There are many advantages of web design, one of them being that it is the primary medium for you to make your presence felt amongst the online audience and people who could be potential clients. Apart from that some other premium advantages include.

- Web designing isn't very expensive, and the benefits offered by it are endless
- Web Designing is the best way to interact with your clients
- You can draw more people by with an attractive web page design
- Make sure that you keep the web page simple, unique and interactive
- Above all, the success mantra for a web designer is to keep the site user-friendly

WORDPRESS is an open source Content Management System (CMS), which allows the users to build dynamic websites and blogs. WordPress is the most popular blogging system on the web and allows updating, customizing and managing the website from its back-end CMS and components. This tutorial will teach you the basics of WordPress using which you can create websites with ease.

What is a Content Management System (CMS)?

The **Content Management System (CMS)** is software which stores all the data such as text, photos, music, documents, etc. and is made available on your website. It helps in editing, publishing and modifying the content of the website.

WordPress was initially released on 27th May, 2003 by Matt Mullenweg and Mike Little. WordPress was announced as open source in October 2009.

Features of CMS

- **User Management** – It allows managing the user information such as changing the role of the users to (subscriber, contributor, author, editor or administrator), create or delete the user, change the password and user information. The main role of the user manager is **Authentication**.
- **Media Management** – It is the tool for managing the media files and folder, in which you can easily upload, organize and manage the media files on your website.
- **Theme System** – It allows modifying the site view and functionality. It includes images, style sheet, template files and custom pages.
- **Extend with Plugins** – Several plugins are available which provides custom functions and features according to the users need.
- **Search Engine Optimization** – It provides several search engine optimization (SEO) tools which makes on-site SEO simple.
- **Multilingual** – It allows translating the entire content into the language preferred by the user.
- **Importers** – It allows importing data in the form of posts. It imports custom files, comments, post pages and tags.

cPanel and cloud hosting has one-click WordPress installation facilities, but you can also install it by uploading files directly into the web server.

1)System requirements for WordPress installation

- If you are using Windows then you require installing WAMP (Windows, Apache, MySQL, and PHP).
- If you are using Linux then you require installing LAMP (Linux, Apache, MySQL, and PHP).
- If you are using MAC then you require installing MAMP (Macintosh, Apache, MySQL, and PHP).
- Or you can also install XAMPP, which is Multi-platform and came with (Apache, MariaDB, PHP, and Perl).
- WordPress is compatible with PHP 5.2+ and MySQL 5.0 +

2)Download WordPress

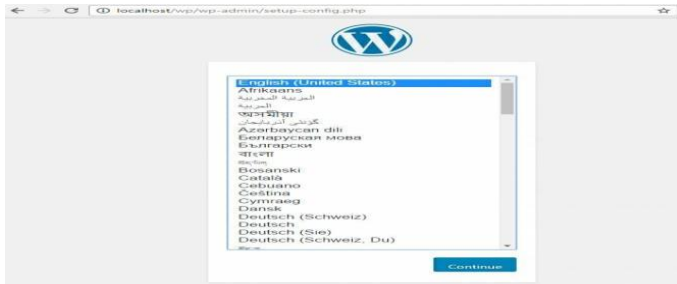
WordPress is free and an open source platform under the GNU General Public License (GPL), and you can download it directly from WordPress official website. You can also open <https://wordpress.org/download/link> directly to download WordPress.



3)WordPress Installation

- First, you required extracting downloaded WordPress and upload into your localhost or web server project folder.
- You required to open your web browser and navigate the URL of WordPress folder path (In case of localhost URL will be http://localhost/wordpress_project_folder_name).
- WordPress installation requires empty MySQL database, so you required to create it before.
- WordPress Setup wizard will ask you initial information about the website, which is mentioned below.
- You required to open your web browser and navigate the URL of WordPress folder path (In case of localhost URL will be http://localhost/wordpress_project_folder_name).
- WordPress installation requires empty MySQL database, so you required to create it before.

Step 1: The WordPress installation setup will ask you about the language preference on the first step.

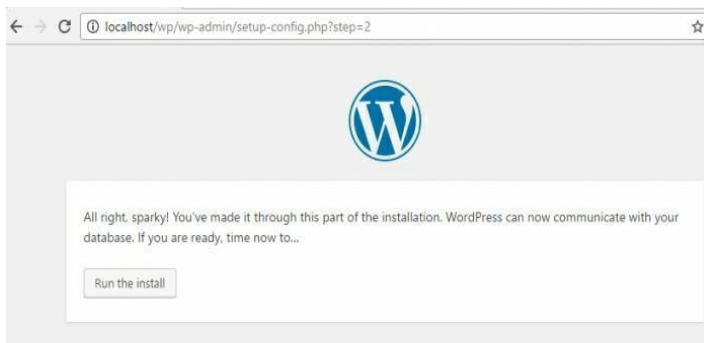


Step 2: Installation second stage provides info about required information before proceeding.

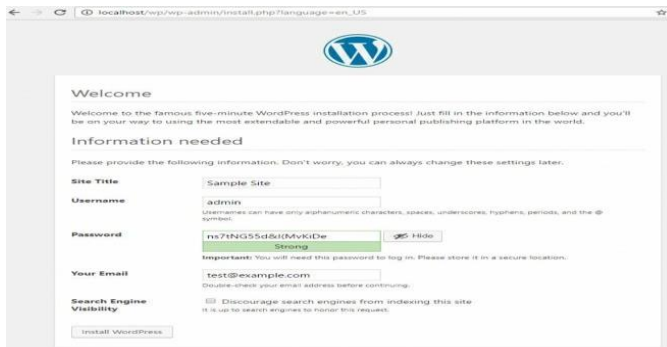
Step 3: In this installation steps you have to provide MySQL database credentials.connection



Step 4: Installation setup checks database credential authentication and provide your confirmation.



Step 5: This is the final step, where you have to provide site admin information.

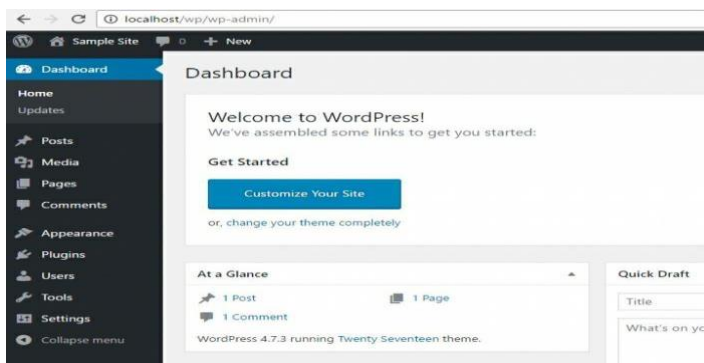


Step 6: This is WordPress admin login screen. Enter username and password you have chosen in the previous screen and log in.



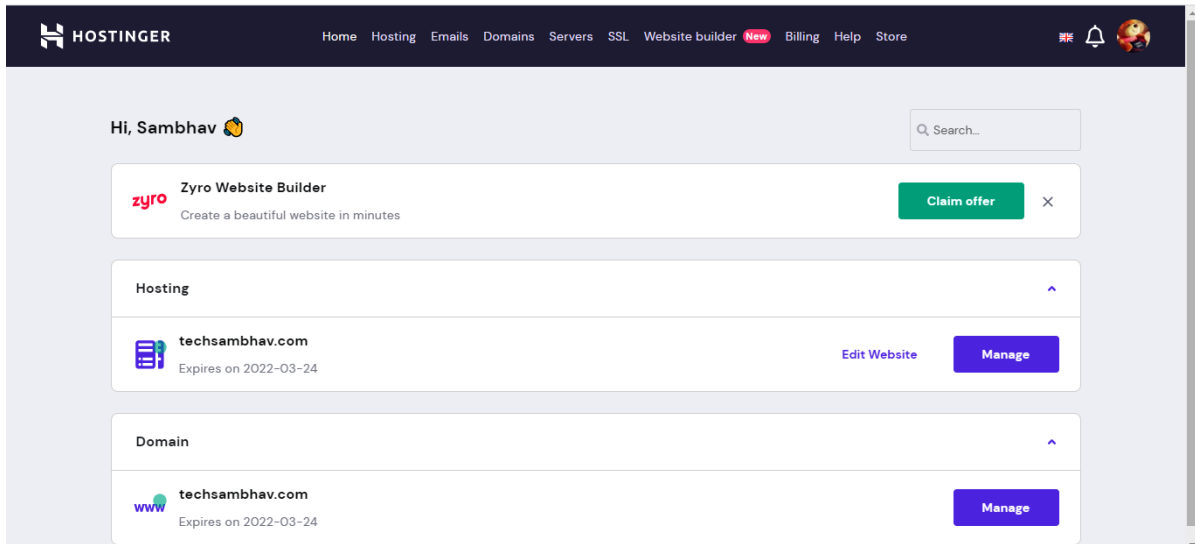
that's it, you have successfully installed WordPress.

WordPress Dashboard is the first screen of WordPress admin control panel after the login. It provides website information at a glance, it's easily customizable and provides quick access to other pages.



DOMAIN and HOSTING

1. The domain of the website is 'techsambhav' and the extension is .com .
2. The full name of website is www.techsambhav.com.
3. I had purchased the domain and hosting from www.hostinger.in



HOW TO DO DIGITAL MARKETING OF A WEBSITE

2.4.2 SEARCH ENGINE OPTIMIZATION (SEO)

SEO stands for “search engine optimization.” In simple terms, it means the process of improving your site to increase its visibility for relevant searches. The better visibility your pages have in search results, the more likely you are to garner attention and attract prospective and existing customers to your business.



How does SEO work?

Search engines such as Google and Bing use bots to crawl pages on the web, going from site to site, collecting information about those pages and putting them in an index. Next, algorithms analyze pages in the index, taking into account hundreds of ranking factors or signals, to determine the order pages should appear in the search results for a given query.

Search ranking factors can be considered proxies for aspects of the user experience. Our Periodic Table of SEO Factors organizes the factors into six main categories and weights each based on its overall importance to SEO. For example, content quality and keyword research are key factors of content optimization, and crawlability and mobile-friendliness are important site architecture factors.

The search algorithms are designed to surface relevant, authoritative pages and provide users with an efficient search experience. Optimizing your site and content with these factors in mind can help your pages rank higher in the search results.

Unlike paid search ads, you can't pay search engines to get higher organic search rankings.

Why is SEO important for marketing?

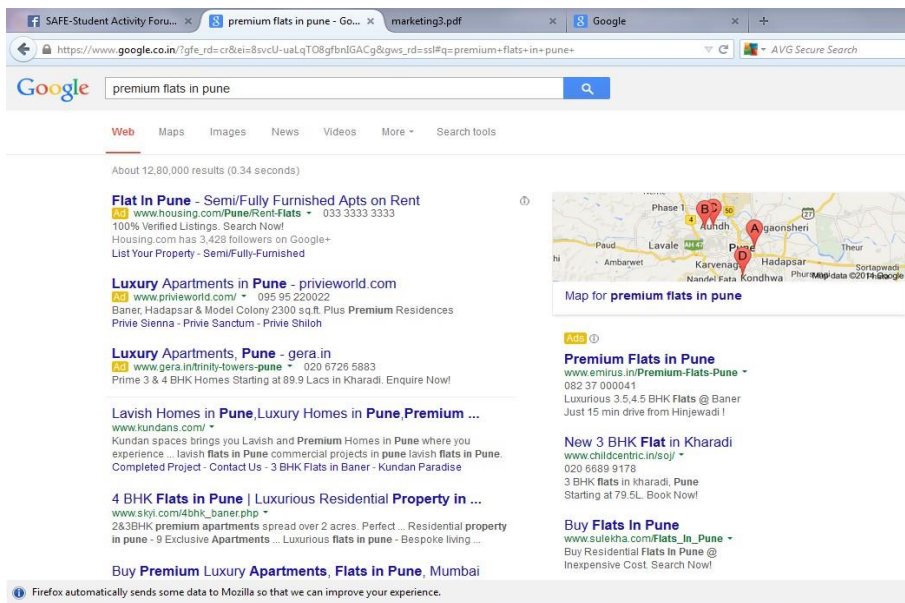
SEO is a fundamental part of digital marketing because people conduct trillions of searches every year, often with commercial intent to find information about products and services. Search is often the primary source of digital traffic for brands and complements other marketing channels. Greater visibility and ranking higher in search results than your competition can have a material impact on your bottom line.

However, the search results have been evolving over the past few years to give users more direct answers and information that is more likely to keep users on the results page instead of driving them to other websites.

Past few years to give users more direct answers and information that is more likely to keep users on the results page instead of driving them to other websites.

Also note, features like rich results and Knowledge Panels in the search results can increase visibility and provide users more information about your company directly in the results.

information about your company directly in the results.



TYPES OF SEO:-

2.4.2.1 ON PAGE SEO (FOCUS ON CONTENT AND IMAGES)

On-page SEO (also known as “on-site SEO”) is the practice of optimizing web page content for search engines and users. Common on-page SEO practices include optimizing title tags, content, internal links and URLs.

Most people think there’s nothing more to on-page SEO than sprinkling a few keywords here and there. That’s false. Although keyword placement still matters, it’s much less important than it used to be.

While on-page optimization is less straight forward than it once was, it’s still arguably the easiest part of SEO. It’s one of the few things you have full control over and doesn’t require much technical prowess.

If you know how to make basic website edits, write (or know someone who can), and are willing to do a bit of research, you can do it well.

Google looks at your page's content to determine whether it's a relevant result for the search query. Part of this process involves looking for keywords.

PLUGIN and TOOLS use in TECHSAMBHAV for ON PAGE SEO

1. YOAST SEO

Description

YOAST SEO: THE #1 WORDPRESS SEO PLUGIN

Since 2008 Yoast SEO has helped millions of websites worldwide to rank higher in search engines. Yoast's mission is SEO for Everyone. Our plugin's users range from the bakery around the corner to some of the most popular sites on the planet.

Yoast SEO Free contains everything that you need to manage your SEO, and the Yoast SEO Premium plugin and its extensions unlock even more tools and functionality.

GET AHEAD OF THE COMPETITION

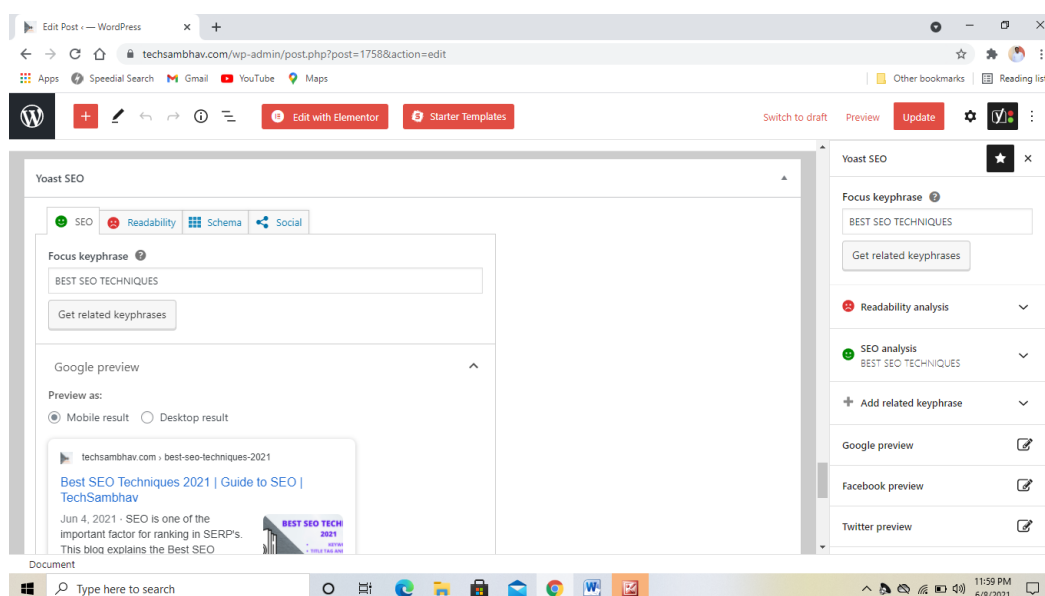
1. To rank highly in search engines, you need to beat the competition. You need a better, faster, stronger website than the people who sell or do the same kinds of things as you.
2. Yoast SEO is the most-used WordPress SEO plugin, and has helped millions of people like you to get ahead, and to stay ahead.
3. TAKING CARE OF YOUR WORDPRESS SEO
4. Yoast SEO is packed full of features, designed to help visitors and search engines to get the most out of your website. Some of our favourites are:
5. Automated technical SEO improvements, like canonical URLs and meta tags.
6. Advanced XML sitemaps; making it easy for Google to understand your site structure.
7. Title and meta description templating, for better branding and consistent snippets in the search results.
8. An in-depth Schema.org integration that will increase your chance of getting rich results, by helping search engines to understand your content.
9. Full control over site breadcrumbs, so that users and search engines always know where they are.

10. Faster loading times for your whole website, due to an innovative way of managing data in WordPress.

WRITE KILLER CONTENT WITH YOAST SEO

We know content is king, that's why Yoast SEO is famous for its state-of-the-art content and SEO analysis. Yoast SEO gives you:

1. SEO analysis: an invaluable tool while writing SEO-friendly content with the right (focus) keyphrases in mind.
2. Readability analysis: ensures that humans and search engines can read and understand your content.
3. Full language support for: English, German, French, Dutch, Spanish, Italian, Russian, Indonesian, Polish, Portuguese, Arabic, Swedish, Hebrew, Hungarian, Turkish and Czech.
4. A Google preview, which shows what your listings will look like in the search results. Even on mobile devices!
5. Innovative Schema blocks for the WordPress block editor, so that your FAQ and How To content can be shown directly in the search results. Plus a breadcrumbs block to guide your users.

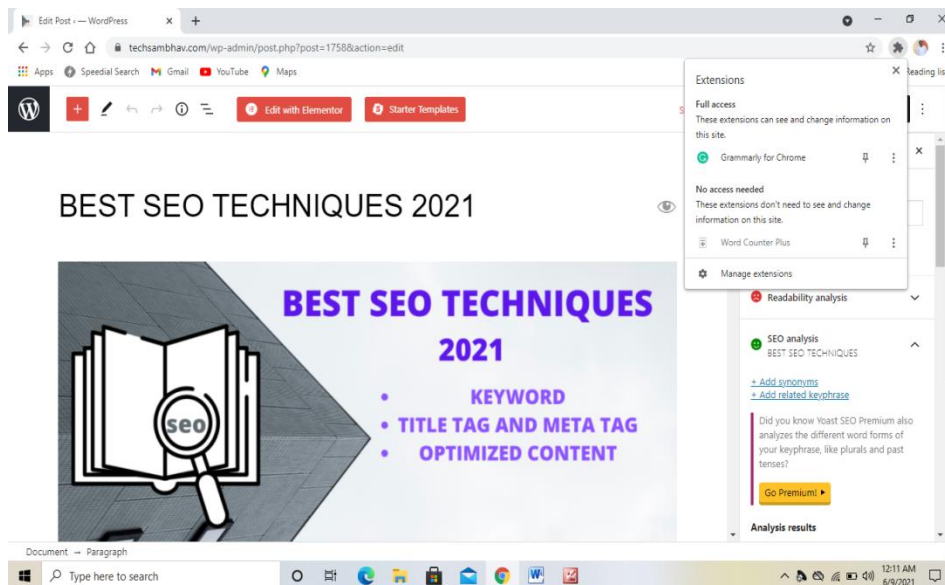


Done YOAST SEO on a blog post

2. Grammarly (Review the content)

Grammarly is a cross-platform Cloud-based [writing assistant that reviews spelling, grammar, punctuation, clarity, engagement and delivery mistakes in real-time. It uses AI to identify and search for an appropriate replacement for the mistake it locates. It also allows users to customize their style, tone, and context-specific language. The site was launched in 2009 by Alex Shevchenko, Max Lytvyn, and Dmytro Lider. It is headquartered in San Francisco California, with offices in Kyiv, New York City, and Vancouver.

In May 2017, the company raised \$110 million in its first round of funding. In October 2019, the company raised \$90 million during the second round of funding, at a valuation of more than \$1 billion. In 2018, Grammarly launched the beta version of its browser extension, which is optimized for Google Docs.



WE CAN USE GRAMMARLY AS CHROME EXTENSION AS WELL AS ON SITE

3. **SEO CRAWLER**-A crawler is the name given to a program used by search engines that traverses the internet in order to collect and index data. A crawler will visit a site via a hyperlink. The crawler then reads the site's content and embedded links before following the links away from the site.

4. **AHREF KEYWORD EXPLORER**- Keywords Explorer helps you determine how hard it would be to rank in the top 10 search results for a given keyword. It does this by calculating a Keyword Difficulty score from 1 to 100, with 100 being the hardest. Clicks — shows the average monthly number of clicks on the search results for your target keyword.

Other tools and chrome extensions:-Screaming Frog SEO Spider , Google Developers Page Speed Insight, Moz On-Page Grader,semrush.

2.4.2.2OFF PAGE SEO

Off-page SEO includes activities done off of a website in an effort to increase the site's search engine rankings. Common off-page SEO actions include building backlinks, encouraging branded searches, and increasing engagement and shares on social media.

In other words: off-page SEO is all the stuff that you do off of your site to get Google and other search engines to see your website as trustworthy and authoritative.

Backlinks and other off-site signals still form the foundation of Google's algorithm.

In fact, our 2020 search engine ranking factors study found a clear correlation between total backlinks and Google rankings.



TOOLS AND PLUGINS USED:-

1. **Guest content**-The basic definition of guest blogging is pretty straightforward – it means posting on another person's blog as a guest. You contribute content to someone's blog and in return you get an external backlink to your own blog and wider exposure.

2. **Forum Posting**-Forum submission is method to get backlinks on our site, forum posting is part of off page SEO, in forum submission we reply on any topics and get backlinks. means question and answer website, where you can post any question related to your topic with your website and web page links

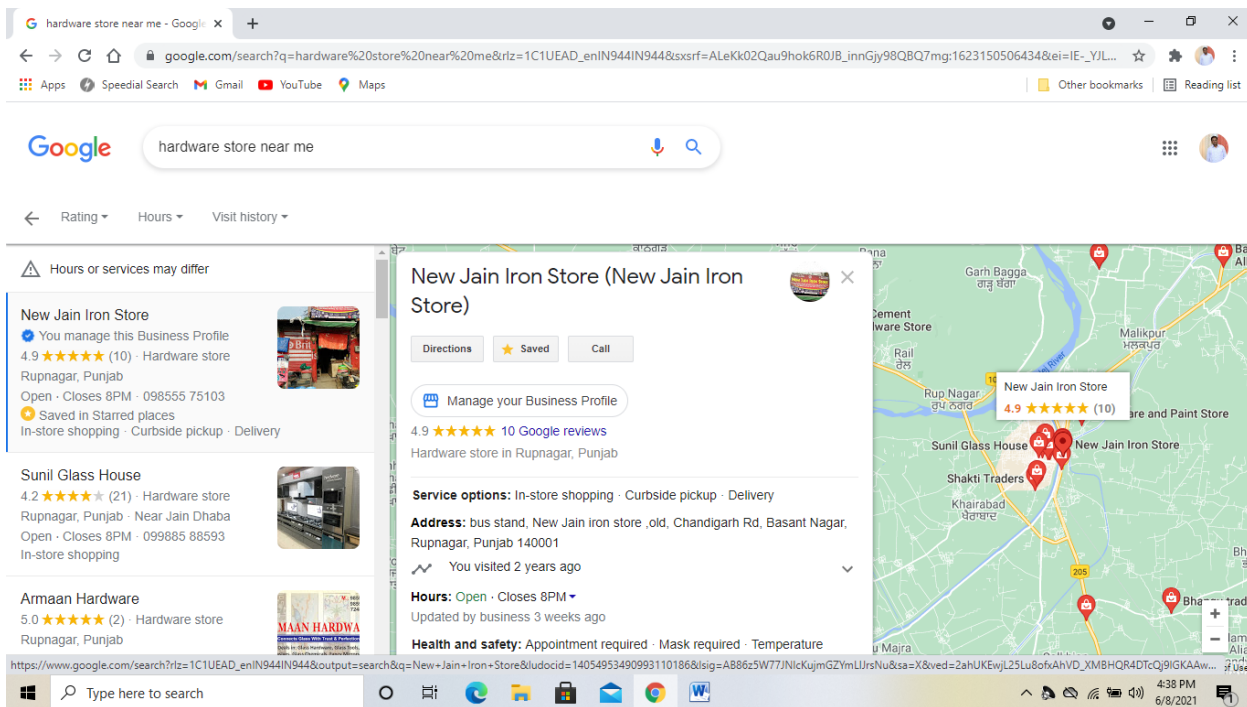
3. **Local Listings**-Local business listing is an online profile that contains your business Name, Address and phone number (NAP) and some other details. There are many local listing website like Google Business Listing, Bing Places for Business, Yelp, Foursquare, Yellow Pages and Justdial etc.

4. **Link clump**-Link clump gives you the ability to drag a selection box around links using your mouse to quickly open as new tabs, open in new window, save as bookmarks, or copy to clipboard. Similar to Snap Links or Multi Links for Firefox

5. **Seo Khazana**-SEO Khazana has been initiated with the purpose of helping digital marketers and SEO analysts to increase their web presence with the help of our high quality submission sites.By taking assistance of our SEO ‘On Page’ technique and ‘Off Page’ submission sites, you can increase organic traffic on your website. You can also beat your competitors by using our submission sites with high quality backlinks.

2.4.2.3 LOCAL SEO

Google My Business-A Google My Business account ensures that when someone looks your company up on Google Search and Google Maps, they find it. Once they do, your listing shows searches where and how to visit your shop, whether you have a web or physical address. Google My Business accounts also improve your local SEO.



2.4.2.4 Technical SEO

Search engines give preferential treatment in search results to websites that display certain technical characteristics. for example a secure connection, a responsive design or a fast loading time — and technical SEO is the work you need to do to ensure your website does so.

Below you'll find a checklist of important steps you can take to ensure your technical SEO is up to scratch. By following these guidelines, you can help to ensure that the security and structure of your site meets the expectation of search engine algorithms, and is rewarded in search results accordingly.

1. **Use SSL-Secure Sockets Layer – SSL** – is a security technology which creates an encrypted link between a web server and a browser. You can spot a site using SSL fairly easily: the website URL starts with 'https://' rather than 'http://.'
2. **Ensure your site is mobile-friendly**-A 'responsive' website design adjusts itself automatically so that it can be navigated and read easily on any device. Google is clear about the fact that having a responsive site is considered a very significant ranking signal by its algorithms. And, with the

introduction of Google's 'mobile first' approach to indexing content, a responsive website is now more important than ever. So it makes sense to ensure that your website is fully responsive and will display in the best format possible for mobile, tablet or desktop users.

3. . **Create an XML sitemap.**

An XML sitemap is a file that helps search engines to understand your website whilst crawling it – you can think of it as being like a 'search roadmap' of sorts, telling search engines exactly where each page is. It also contains useful information about each page on your site, including

1. when a page was last modified;
2. what priority it has on your site;
3. How frequently it is updated.

2.4.3 SOCIAL MEDIA MARKETING

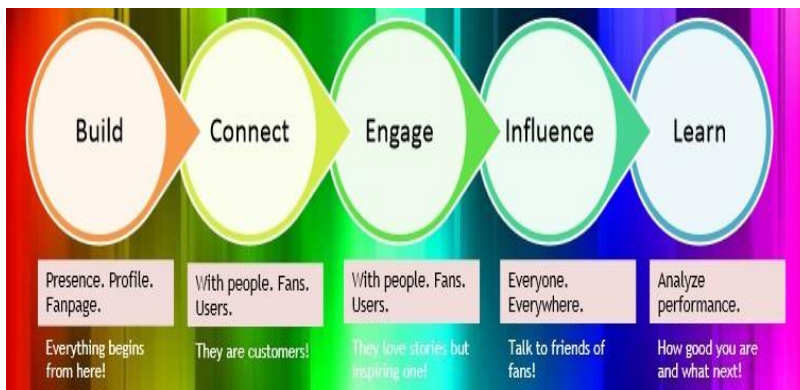
The term social media marketing (SMM) refers to the use of social media and social networks to market a company's products and services. Social media marketing provides companies with a way to engage with existing customers and reach new ones while allowing them to promote their desired culture, mission, or tone.



Social media marketing is the use of social media platforms and websites to promote a product or service. Although the terms e-marketing and digital marketing are still dominant in academia, social media marketing is becoming more popular for both practitioners and researchers.

Most social media platforms have built-in data analytics tools, enabling companies to track the progress, success, and engagement of ad campaigns. Companies address a range of stakeholders through social media marketing, including current and potential customers, current and potential employees, journalists, bloggers, and the general public. On a strategic level, social media marketing includes the management of a marketing campaign, governance, setting the scope (e.g. more active or passive use) and the establishment of a firm's desired social media "culture" and "tone."

When using social media marketing, firms can allow customers and Internet users to post user-generated content (e.g., online comments, product reviews, etc.), also known as "earned media," rather than use marketer-prepared advertising copy.



2.4.3.1 FACEBOOK MARKETING

When it comes to social media advertising, Facebook reigns supreme. That's why running successful Facebook ads is vital to the success of any business. Facebook ads are generally the cheapest and most easily tractable form of online advertising. Plus, they're totally optimizable! This gives you a lot of control over your ads, but you have to know what you're doing if you want successful Facebook ads. Otherwise, you may be wasting your money.

Facebook advertising is a big and growing business: companies spent more than \$9 billion on Facebook ads in the second quarter of 2017 alone. That's an increase of 47 percent (Nearly \$3 billion) from the same period in 2016.

Why advertise on Facebook?

At last count, more than two billion people were using Facebook. And those users are highly engaged with the content posted on the network: More than 800 million people like something on Facebook every single day.

Of course, when it comes to getting the biggest bang for your advertising buck, too large an audience can actually be a bad thing. After all, you only want to pay to expose your brand to people who might be interested in doing business with you. Fortunately, Facebook offers multiple layers of targeting, so you can focus your Facebook ads on exactly the right audience for your business to maximize ROI.

We'll get into the specifics of targeting Facebook ads later on in this post, but for now keep in mind that Facebook's huge, global audience combined with the ability to target your ad by demographics, location, interests, and behaviors allows you to access the exact people who are most likely to want to buy your products or services.

Need more convincing? Consider this: 95.8 percent of social media marketers worldwide said Facebook provides the best ROI of all social platforms.

5 Types of Facebook ads

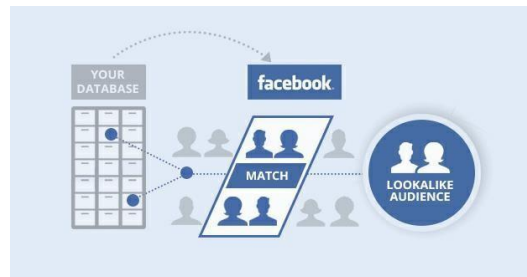
Facebook offers 10 campaign objectives based on what you want your ad to accomplish. For each of those objectives, you can choose various ad formats based on your chosen goal and target audience.

Before we dig into some specific Facebook ad examples and the technical requirements for each format, let's take a quick look at how the different types of Facebook campaigns align with business goals:

1. **App installs:** Encourage installations of your mobile or desktop app.
2. **Brand awareness:** Introduce your brand to a new audience.
3. **Conversions:** Get people to take a specific action on your website (like subscribe to your list or buy your product).
4. **Engagement:** Expose a post to a wide audience to increase the number of Likes, comments, shares, or photo views; increase your number of Page Likes; promote an event.
5. **Lead generation:** Get new prospects into your sales funnel.
6. **Reach:** Expose your ad to as many people in your audience as possible.

Product catalog sales: Connect your Facebook ads to your product catalog to show people ads for the products they are most likely to want to buy

1. **Store visits:** Drive customers to brick-and-mortar stores.
2. **Traffic:** Drive traffic to a specific webpage.
3. **Video views:** Show your video to a large audience to increase brand awareness.



2.4.3.2 LINKIDEN MARKETING

LinkedIn is an online platform that connects the world's professionals. ... A complete LinkedIn profile will summarize your professional experience to your connections, current and future employers, and recruiters. Through your profile, you can showcase your professional life, milestones, skills and interests.

LinkedIn is a highly valuable tool to network with like-minded professionals. But here's something we don't talk about as much as we should: LinkedIn is also a highly useful inbound marketing platform.

It might seem a little bit intimidating. You have enough on your plate ... do you really need to figure out another way to create targeted content? Actually, yes. You have more power at your disposal with LinkedIn than you might realize.

That's because LinkedIn has a powerful ads platform. If you're already using pay-per-click (PPC) techniques to power your presence on Facebook, Twitter, or Google, consider yourself lucky — you can add LinkedIn to that list, too. This is especially easy to do if you're using the HubSpot ads tool.

1. Create your LinkedIn ad campaign.
2. Set your LinkedIn ad campaign objective.
3. Designate your LinkedIn ad audience.

4. Decide on your LinkedIn ad format.
5. Choose your LinkedIn ad placement.
6. Set your ad budget and schedule.
7. Don't forget conversion tracking.
8. Build your LinkedIn ad.

1) Beef up Your LinkedIn Profile

Think of your LinkedIn profile as an interactive resume on steroids. In addition to listing information about your work experience and education, LinkedIn allows you to enhance your profile with interactive capabilities that showcase your experience.

- **Status Updates:** One of the best ways to keep your connections informed about your happenings is by posting status updates, brief statements you feel your connections will find useful. They can include images and links to related content on your Website or third- party Websites. To appear active in the LinkedIn community, post useful and actionable status updates on a regular basis.
- **Articles:** LinkedIn allows you to easily publish articles to your profile. This is a great way to establish you as a thought leader and get exposure to your LinkedIn community.
- **Videos and Presentations:** If you post presentations and other content to Slide Share or videos to YouTube, you can display these valuable content items in your LinkedIn profile.
- **Recommendations:** LinkedIn makes it easy for you to request recommendations from your connections. A collection of glowing recommendations that underscore your expertise and experience will significantly enhance your profile.
- **Projects:** If you have successful projects you want to highlight, post your projects including a description, link and the team members you worked with.
- **Skills and Expertise:** List your skills and expertise on your profile to help others understand your strengths and improve your ability to be found. Connections will be able to endorse your skills by providing their seal of approval.
- **Publications:** Showcase any publications you have written or publications that have featured your work.
- **Volunteering and Causes:** List organizations you support and causes you care about outside of work.
- **Patents, Courses, Test Scores, Certifications, Languages and Awards:** All of your most important

accomplishments can be presented for your connections to see.

2)Create a Company Page

Create a company page to tell your company's story, showcase your products and services, share updates with followers and recruit new employees. Your company page can feature:

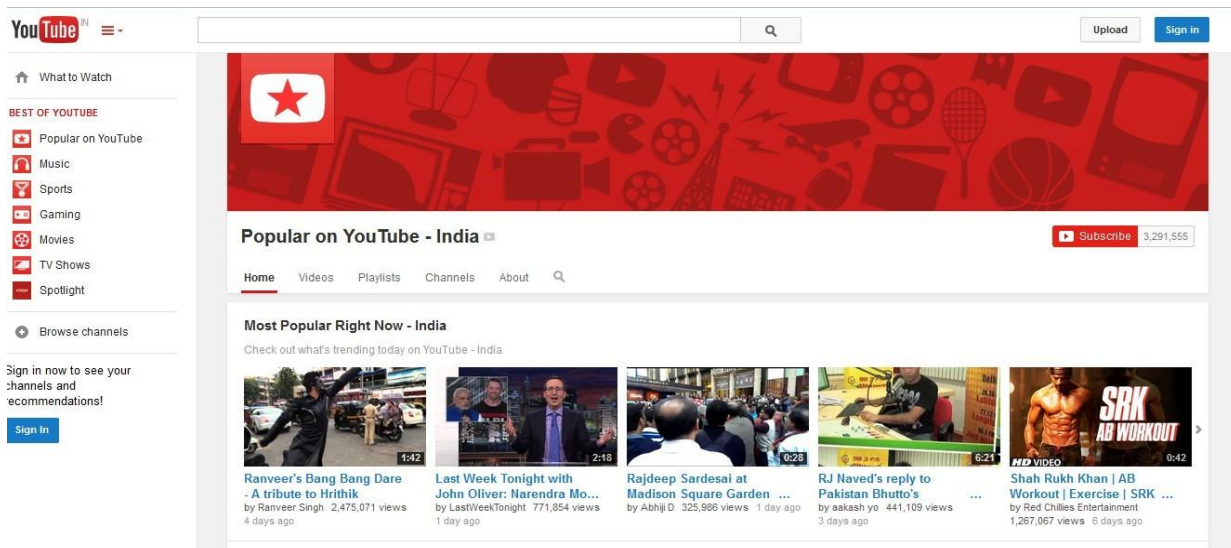
- **Banner Image:** The banner image is the first thing people will see when they visit your company page. Design one that reflects your company's brand and the image you want to portray.
- **Products and Services:** Feature your products and services including rich descriptions, images, feature lists, YouTube videos and links.
- **Status Updates:** Status updates on your company page can feature content from your website with links back to the detail. For a fee, you can also promote your updates throughout the LinkedIn community through sponsored updates. The key is to post updates regularly.
- **Career Opportunities:** For a fee, you can post open positions to recruit new employees.

3)Take Advantage Of LinkedIn Community Features

In addition to your profile and company page, LinkedIn provides a number of community features that allow you to communicate and collaborate with other LinkedIn users, including:

- **Groups:** LinkedIn Groups help you stay informed and keep in touch with people that share your interests. You can create your own LinkedIn groups or join any number of groups that focus on your area of interest or expertise. Expand your circle of influence by participating in discussions in various LinkedIn groups.
- **Influencers:** LinkedIn Influencers enables you to connect with well-respected thought leaders in many walks of life. Influencers like Tony Robbins, Guy Kawasaki and Richard Branson, as well as many lesser-known experts, contribute original content in the form of blog posts. You can comment on their posts and share them as status updates on your personal LinkedIn profile.

2.4.3.3.YOUTUBE MARKETING



YouTube Marketing is the practice of promoting businesses and products on YouTube's platform, by uploading valuable videos on a company's YouTube channel or using YouTube ads. YouTube has always been a source of entertaining content, but it's also staking its claim as an essential tool for marketers. In fact, more than half of all marketers (55%) use YouTube as part of their marketing strategy.

You may be thinking: "That's great, but my audience isn't on YouTube." Well, think again. One-quarter of internet users spend 10 hours or more watching videos, and YouTube has more than two billion active users worldwide. The platform is so extensive that it can be accessed in 76 different languages.

Not only is your audience on YouTube, but as the internet's second largest search engine, YouTube can help improve your SEO and overall brand presence. YouTube allows marketers to present unique content that's easy for viewers to consume and share.

YouTube marketing can be an intimidating tool for brands. It combines a strategic principle — SEO — with one of the most resource-intensive forms of media — video. That's why we've created this complete guide for YouTube pros and newcomers alike. Below we'll walk through each step of marketing on YouTube — from how to create a YouTube channel and optimize videos for SEO to how to run a YouTube advertising campaign and interpret video analytics.

FEATURES OF YOUTUBE MARKETING:-

- More than 3 out of 5 consumers spend a minimum of 2 minutes watching a video educating themselves about products they want to buy.
- 52 percent of online buyers agree watching product videos help them make more confident purchase decisions.
- 96 percent of tech buyers and IT decision makers watch product videos for business purposes.
- Finally, in 2017, video traffic will account for 69 percent of all consumer Internet traffic.

Types of YouTube Ads

- Skippable In-Stream Video Ads.
- Non-Skippable In-Stream Video Ads.
- Bumper Ads.
- Discovery Ads.
- Non-Video Ads.

HOW TO CREATE YOUTUBE AD:-

1. YouTube has options for creating several campaign types, which determine the type of ads you can run, the placements available, and more. Depending on your ultimate campaign goal, choose one of the following options for your YouTube video ad:
2. Leads and Website Traffic are the best options for driving traffic and generating conversions from your YouTube ads.
3. Product and Brand Consideration provides opportunities for generating broader brand awareness and putting your products in front of big audiences, including influencers.
4. Brand Awareness and Reach is typically used to generate brand buzz and includes more options for ad types.

STEPS:-

1. Set Up YouTube Advertising.
2. Choose a YouTube Advertising Campaign Objective.
3. Choose a YouTube Ad Format.
4. Set a Budget, Schedule, and Bid Strategy.

- #### **2.4.4.4PINTEREST MARKETING**

Pinterest completely revolves around the premise of being creative and visual. 70% users are female and aged between 25 and 44. So if you are targeting women pinterest is the right platform. Pinterest is now one of the top 10 social networking sites tracked by Hit wise.

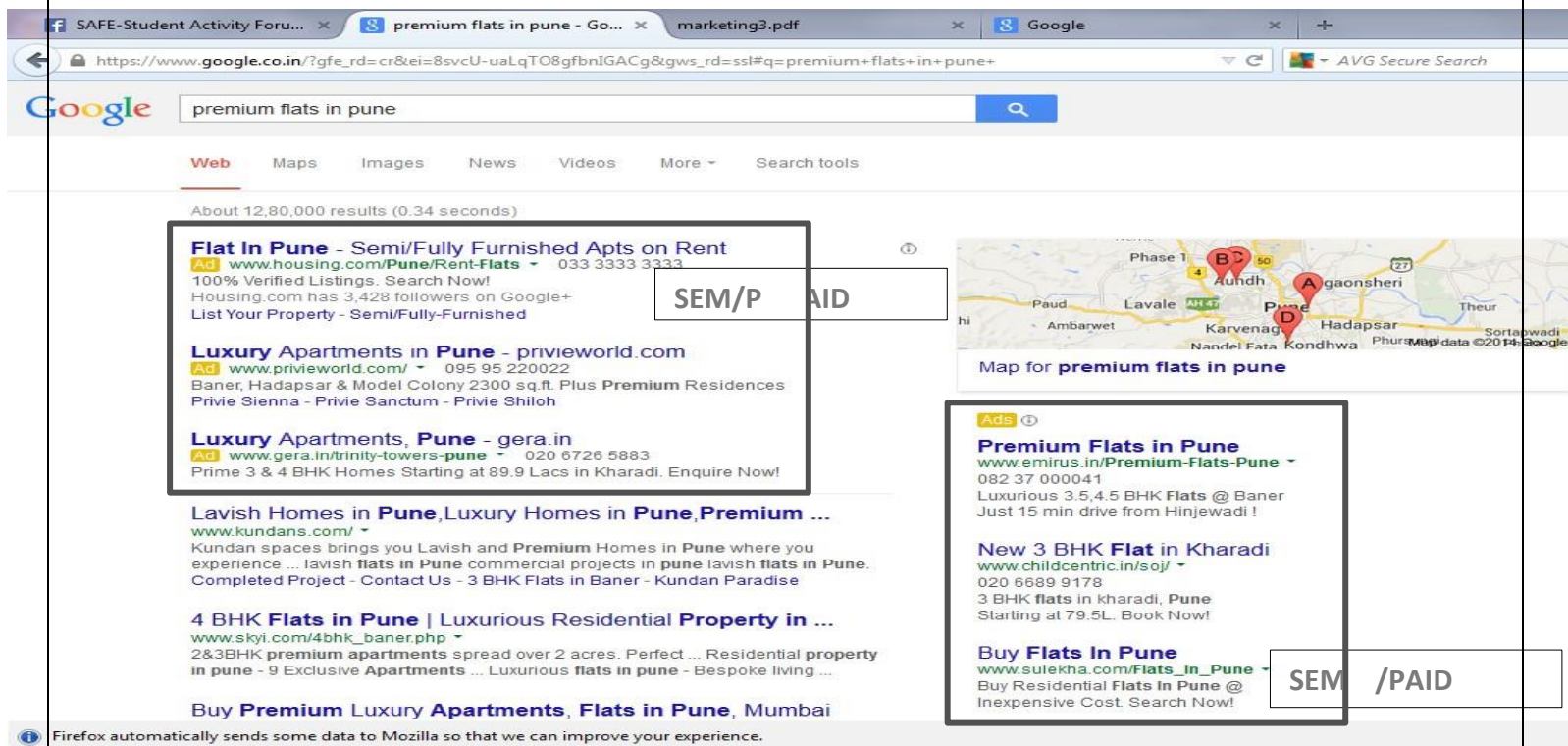


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scenes, preliminary sketches for products.

2.4 PAY PER CLICK\SEM

Pay per click is an online advertising model in which advertisers pay each time a user clicks on one of their online ads.



There are different types of PPC ads, but one of the most common types is the paid search ad. These ads appear when people search for things online using a search engine like Google – especially when they are performing commercial searches, meaning that they're looking for something to buy. This could be anything from a mobile search (someone looking for "pizza near me" on their phone) to a local service search (someone looking for a dentist or a plumber in their area) to someone shopping for a gift ("Mother's Day flowers") or a high-end item like enterprise software. All of these searches trigger pay-per-click ads.

In pay-per-click advertising, businesses running ads are only charged when a user actually clicks on their ad, hence the name "pay-per-click."

How Does Pay-Per-Click Advertising Work?

PPC as a marketing channel covers a number of different ad platforms, with the most common of these being Google Ads and Bing Ads.

And within each of these platforms are different ad formats, including

1. Search Ads
2. Shopping Ads
3. Display Ads
4. Video Ads
5. Gmail Ads

Most commonly, you will find that businesses start their PPC marketing on Google Ads, for the simple reason that it gives access to the largest audience of potential clients and customers, as well as a number of different ways to set up and run campaigns depending on your goals.

But regardless of the platform and ad format, the way that PPC works remains largely unchanged, and it is a pretty simple process:

Sign up to an advertising account with the platform.

1. Create ads (and select the right targeting by adding keywords or audiences, etc.).
2. Set the maximum cost you are willing to pay for each click.
3. Your ad goes into an auction with other advertisers who are bidding on the same keywords.
4. The auction determines the order in which the ads are shown.
5. You pay when someone clicks your ad.
6. It is fairly straightforward and easy to get to grips with, and while there are differences between different ad formats (and other bidding strategies that can be used, as an example), the main principles remain.

But let's take a look at how the auction works, as this is often the part that's the most confusing to those getting started with PPC. Other forms of PPC advertising include display advertising (typically, serving banner ads) and remarketing.

How Does Pay-Per-Click Advertising Work?

In order for ads to appear alongside the results on a search engine (commonly referred to as a Search Engine Results Page, or SERP), advertisers cannot simply pay more to ensure that their ads appear more prominently than their competitor's ads. Instead, ads are subject to what is known as the Ad Auction, an entirely automated process that Google and other major search engines use to determine the relevance and validity of advertisements that appear on their SERPs.

How Keywords Work in Pay-Per-Click Advertising

As its name implies, the Ad Auction is a bidding system. This means that advertisers must bid on the terms they want to “trigger,” or display, their ads. These terms are known as keywords.

Say, for example, that your business specializes in camping equipment. A user wanting to purchase a new tent, sleeping bag, or portable stove might enter the keyword “camping equipment” into a search engine to find retailers offering these items.

At the moment the user submits their search query, the search engine performs the complex algorithmic calculations that the Ad Auction is based upon. This determines which ads are displayed, in which order, and by which advertiser.

Since you have to pay for each click on your ads, it's imperative to only bid on keywords that are relevant to your business, so you can be sure to get ROI from your ad spend. A keyword tool can help you find the right keywords to bid on that are both likely to drive sales or conversions, and are not prohibitively expensive.

Although the basics of pay-per-click advertising are simple, managing a successful paid search account can be anything but. Many advertisers simply cannot devote the time and effort required to stay abreast of developments to Google AdWords and Bing Ads, and many are missing valuable opportunities to grow their business through PPC.

WordStream can help.

Our suite of free tools, as well as our trusted WordStream Advisor software platform, demystify pay-per-click advertising management and allow you to focus on what really matters – growing your business and helping your customers. WordStream’s tools can help you every step of the way, whether you’re an experienced PPC advertiser or are new to the world of paid search.

WordStream’s free search marketing tools connect securely to your Google AdWords and Bing Ads accounts, enabling you to see, at a glance, a wealth of data from your campaigns that would be otherwise difficult to access in one centralized location. Based on this data, you can take steps to optimize your AdWords and Bing Ads campaigns to increase conversions, maximize return on investment, and grow your business.

We can provide insight into actionable data, including:

- Keywords, including top-performing search terms
- Negative keywords that can save you money
- Conversions
- Ad performance information
- Bid optimization suggestions

2.5 EMAIL MARKETING

Email Marketing is one of the most effective ways to let your customers know about your products. It is an open line of communication between companies and their clients for requisite exchange of information and dialogue. It helps in keeping the client interested and loyal towards the product.



1) Making Use of Customer Database to Reach Out

The sole task of generating a database or using an existing one is to tend to the relationship that exists between merchants and buyers. It could be about forging a new one or improving an existing one to an altogether new level. The ultimate essence of it is to build the thread of loyalty among them.

2) Different types of emails that are sent - Within the parameters of email marketing, there could be different types of emails that can be a part of this marketing campaign. The following are its various types-

3) The Requisite Transactional Emails - The transactional emails are the ones that pertain to an ongoing transaction of a given company with the client. It could be explaining the confirmation of an order or related to the despatch of the same. There is a huge amount of importance attached to such mails for they form the important link of communication between the client and the parent company.

4) The Agreed upon Advertisement related Emails - Such emails speak of the product or disseminate product related information. They could be generated perhaps on a monthly basis. The client has of course given his consent for the receiving of such emails in his inbox.

5) Direct Promotional ones - Often companies have their upcoming promotions that they need the clients to know more about. There is the existence of parallel services whose assistance may be sought for the procurement of lists of email addresses to which such emails can be sent. They speak directly of the various marketing gigs of the company and also render information about the old and the new products.

6) Emails regarding current discount pop ups - More than often companies have executives racking their brains for quick discounts, unprecedented sales and other assorted sale offers that need quick marketing. These are put across to clients through innovative ways in an email format. They are helpful in keeping the communication alive among the buyer and the seller and also for the renewal of interest in the company's merchandise.

7) The digitalization of all communication With more and more people establishing their access to internet and their continual reliance on it, it is an inevitable progression for companies to rely more and

more to email marketing. In fact, an email marketing company in Delhi has vouched for a drastic increase in the traffic of the website owing to the advantages of email marketing alone.

Choosing the Right Email Service Provider

- Campaign Monitor
- WebEngage
- ZeroBounce
- Kingmailer
- SENDER
- Zoho Campaigns
- MailChimp
- Scope
- Community
- PutsMail
- FreeFormatter.com

CHAPTER - 3

FEASIBILITY STUDY

3.1.1 Construction of a feasibility study

In the framework of a viability-check, it is examined whether a project or a business is implementable, and most importantly whether it is economically viable. Can a financial safety net be established? Is enough own capital available? How far will cost-risks negatively affect the project in the future? Further key questions which are examined in the feasibility study include:

3.1.2 Could legal circumstances cause problems?

Is the available time frame sufficient for the implementation of the project?

Can personnel, machines, materials and resources be provided in time?

With technical projects: is the plan technically possible?

Is the project workable in terms of organization?

Often, a feasibility study will be implemented for many projects. The project that looks to be most promising will then be chosen. A risk analysis will also often be carried out at the same time as the feasibility study.

3.1.3 Results

In a feasibility study, the different possible projects or solutions are analyzed and valued based on their implement ability. For each project, both chances of success as well as risks are investigated. On this basis, a recommendation can be given for each project. If it becomes clear that a project is feasible, the company can begin with the detailed planning. If a project is valued as not feasible, it either has to be omitted or thoroughly edited after the Feasibility Study.

3.1.4 Uses

A feasibility study will be implemented in order to find the project that creates the optimal solution for the company. At the same time, possible risks should be discovered so that these can be dealt with timely. Moreover, a feasibility study prevents any unprofitable investments.

3.1.5 Advantages and Disadvantages

A Feasibility Study has many advantages:

1. Structured approaches to new projects
 2. Finding alternative solutions
 3. Reduction in the number of possible projects
 4. Identification of reasons which speak against a project.
 5. Development of the basics for the later implementation of the project.
 6. Basis for the decision of possible investors for an investment in the project
-
7. Often, at the time of completion of a feasibility study, objections such as lack of time, high costs or previous analysis will be introduced into the study. A Feasibility Study should, however, be concentrated on the current project. Outdated analysis may no longer be reliable.

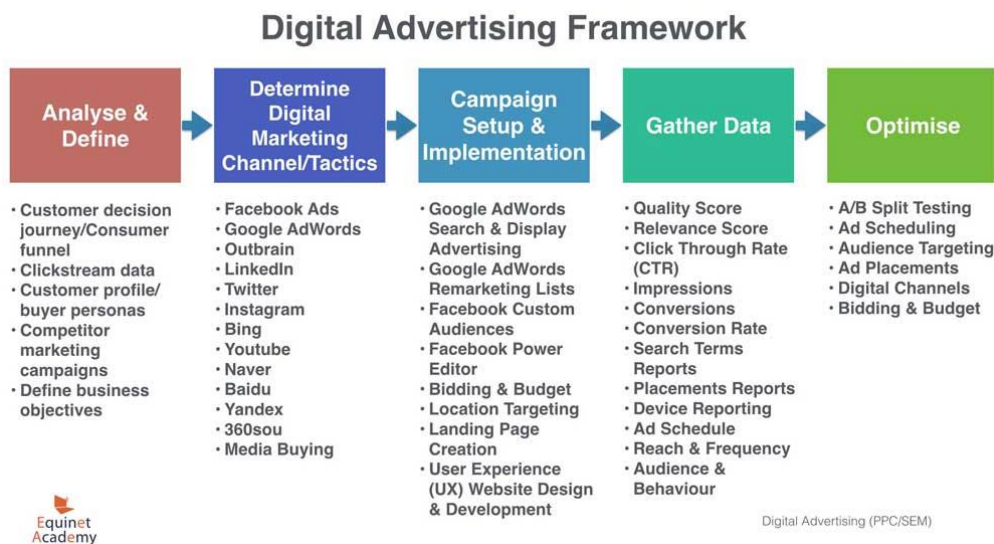
3.1.6 Significance for Online Marketing

Feasibility Studies will also be used in online marketing to find out which projects should be implemented. For example, if a company is considering the use of more, more expensive URLs, they can carry out a feasibility study to analyze the potential value of the URLs, and how they can monetarize this. Pre-investment studies also play an important role in e-commerce. For example, when a company wants to make changes to an online shop, impacts for the user and thus usability have to be considered.

CHAPTER - 4

SYSTEM DESIGN

4. DATA FLOW DIAGRAMS



1. Digital Marketing Strategy Framework. A digital marketing strategy is a forward-thinking plan, using SMART goals, to grow a business. Tactics associated with a digital marketing strategy include digital agency services like website design, SEO, paid ads, content marketing and social media marketing.
2. Digital strategy focuses on using technology to improve business performance, whether that means creating new products or reimagining current processes. It specifies the direction an organization will take to create new competitive advantages with technology, as well as the tactics it will use to achieve these changes.
3. Digital Strategists understand all of the digital touch points that a consumer interacts with every day. Online marketing strategists create strategic advertising, communications, and marketing campaigns that use these touch points to their fullest effect, building a brand image across the digital space.

4. Digital Marketing 2021. Digital marketing predictions for 2021 are likely to include new strategies towards marketing during a crisis, social media and email marketing trends, artificial intelligence use, and better ways to approach customer service.

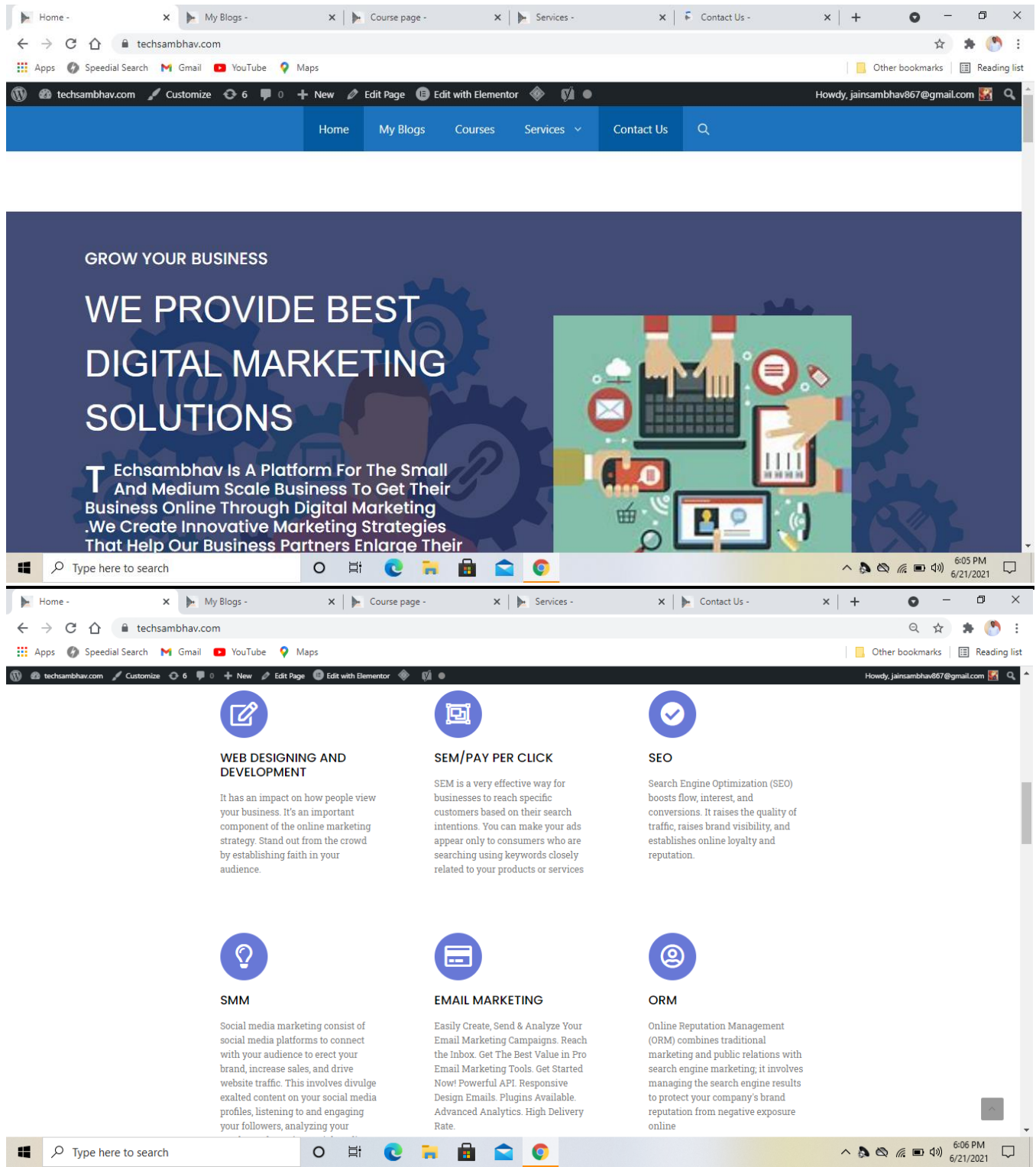
4.2 MARKETING PROCESS OVERFLOW

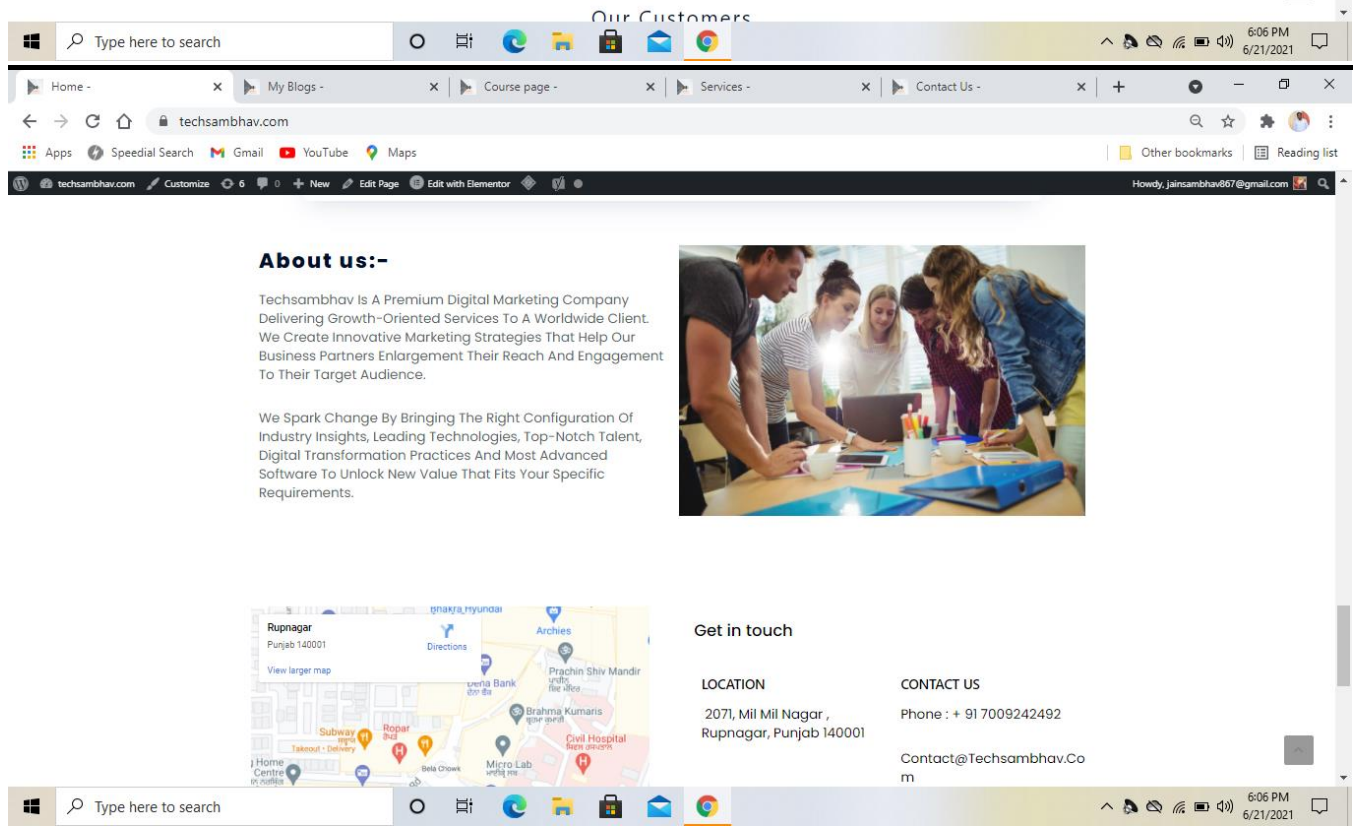
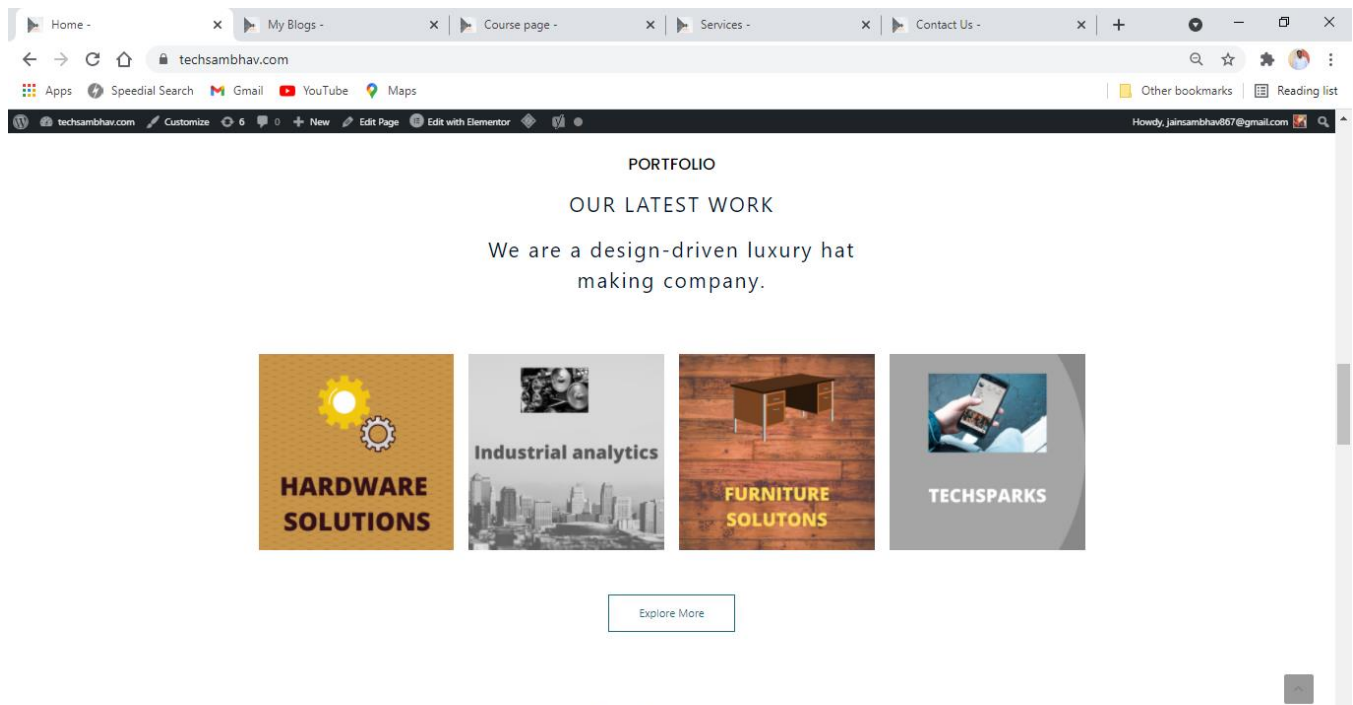


A marketing process is: “A series of steps that allow organizations to identify customer problems, analyze market opportunities, and create marketing materials to reach the desired audience. The first step of marketing process can be describe as to understand the market place which includes customer needs and wants.

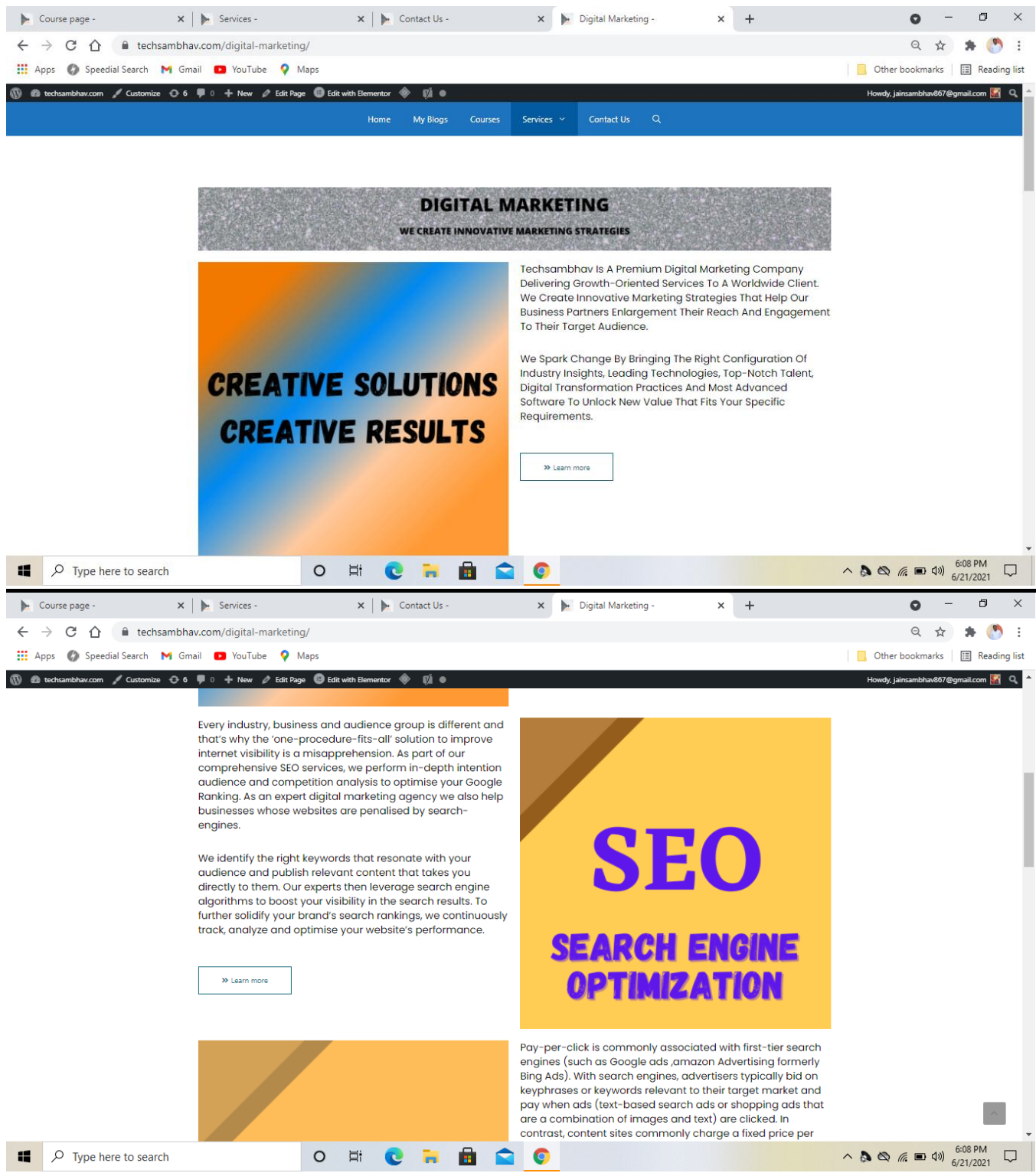
Market place can be referred as a place in which goods and services are offered. Market place can be defined based upon your target audience, your marketing strategies and your business line.

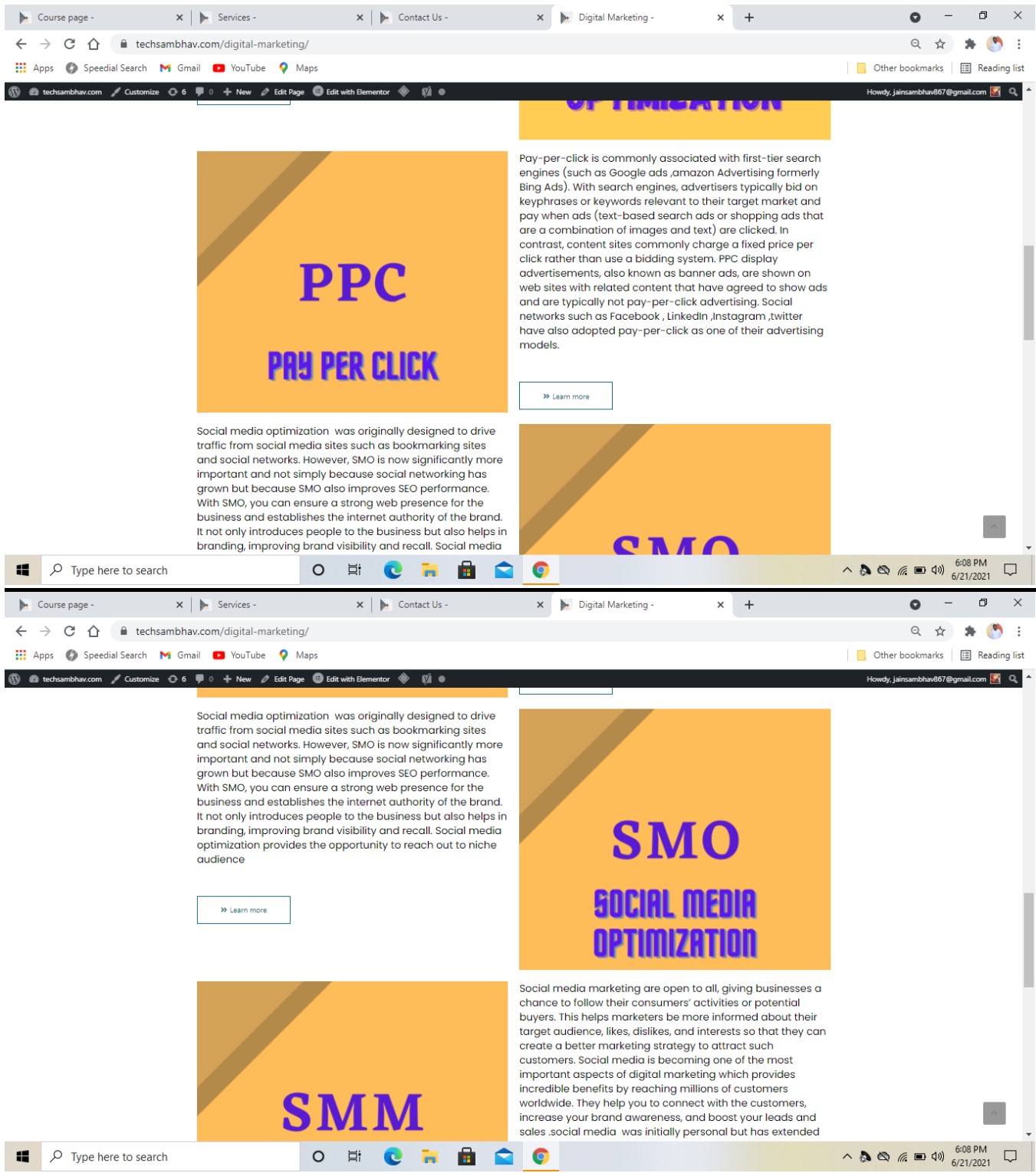
SNAPSHOTS











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SMM

SOCIAL MEDIA MARKETING

Social media marketing are open to all, giving businesses a chance to follow their consumers' activities or potential buyers. This helps marketers be more informed about their target audience, likes, dislikes, and interests so that they can create a better marketing strategy to attract such customers. Social media is becoming one of the most important aspects of digital marketing which provides incredible benefits by reaching millions of customers worldwide. They help you to connect with the customers, increase your brand awareness, and boost your leads and sales. social media was initially personal but has extended to the business realm. It plays an essential role in marketing strategies by increasing traffic and serving as a part of your SEO strategy.

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ORM

ONLINE REPUTATION MANAGEMENT provides you with a chance to counter negative feedback. It also creates an opportunity to promote the experience of your positive mentions. An effective online reputation management strategy can provide you with new opportunities and insight on increasing brand awareness. Reputation management is the effort to influence what and how people think of a brand or person when viewed online. ... Whatever you call it, the goal is to shape public perception about a person or business. This blog post will answer some of the most common questions regarding reputation management. Online reputation management (ORM) is

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Web Design Is Important Because It Impacts How Your Audience Perceives Your Brand. The Impression You Make On Them Can Either Get Them To Remain On Your Page And Learn About Your Business Or Leave Your Page And Turn To A Competitor. A Good Web Design Helps You Keep Your Leads On Your Page. A Well-Designed Website Can Help You Form A Good Impression On Your Prospective Customers. It Can Also Help You Nurture Your Leads And Get More Conversions. But, More Importantly, It Provides Good User Experience And Helps Your Website Visitors Access And Navigate Your Website With Ease One Of The Major Advantages Of Having A Website Is That It Is Accessible To Anyone, Anywhere, Anytime. Even During Non-Business Hours, Customers Can Access Your Website And Avail Your Services Or Get The Information They Need, Which Is One Of The Key Elements In The Importance Of A Website In Business.

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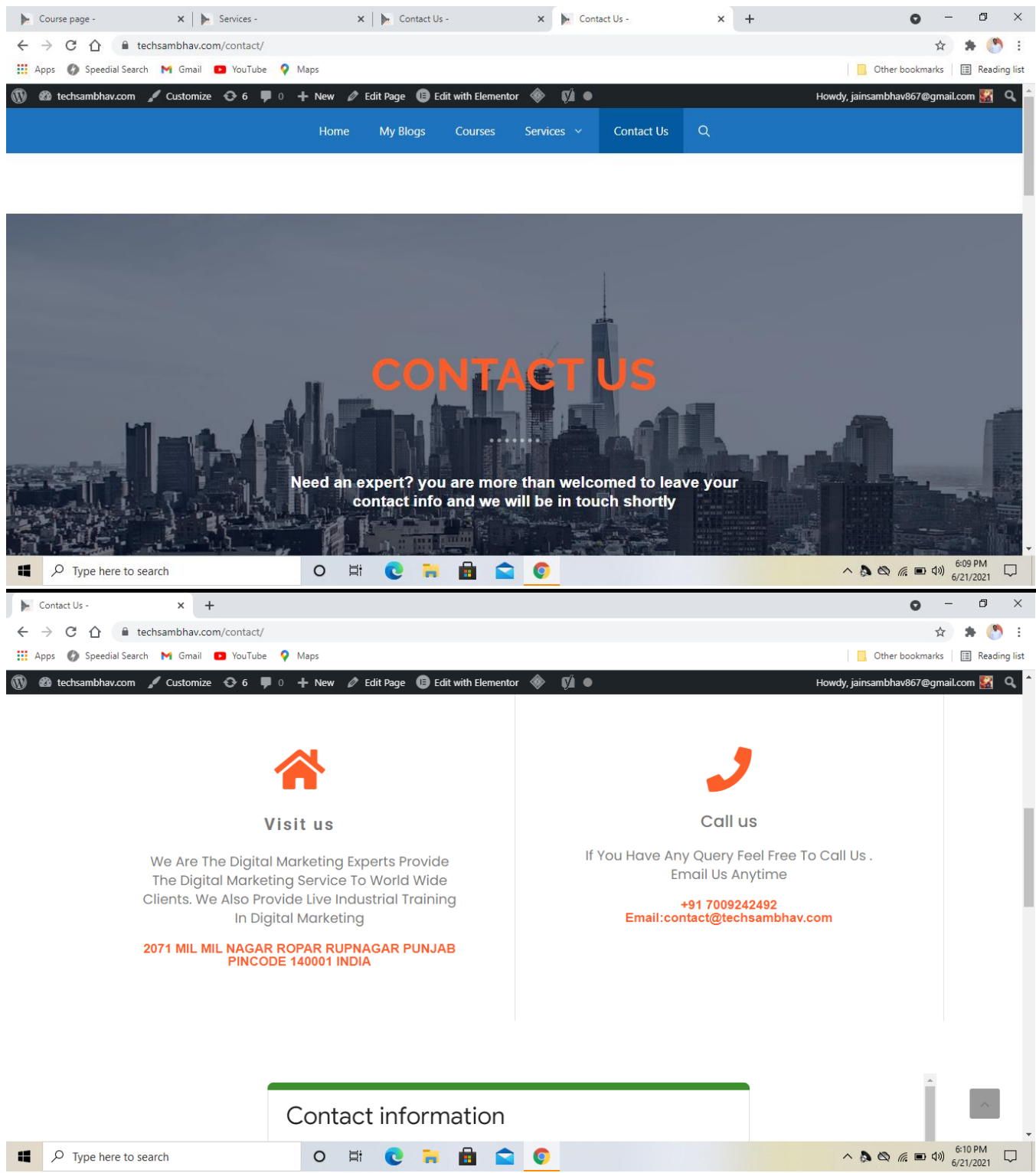
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Business consultants provide management consulting to help organizations improve their performance and efficiency. These professionals analyze businesses and create solutions while also helping companies meet their goals. Consultants also provide a significant amount of value for an organization. They can help to develop strategies for growth or manage projects. A consultant may have a higher level of business expertise than the average employee and can provide unique solutions for businesses. According to the dictionary, consulting is the practice of providing expert advice within a particular field. The consultant's role is to solve these problems by formulating a diagnosis and appropriate recommendations. He or she will then participate, to a certain extent, in the implementation of the proposed changes. Management Consultants help businesses make strategic decisions that directly impact the entire company.

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CHAPTER-6

TESTING

White Box Testing

- White box testing is the software testing method in which internal structure is known to the tester who is going to test the software. Generally, this type of testing is carried out by software developers. Implementation Knowledge is required to carry out White Box Testing. Programming Knowledge is required to carry out White Box Testing.
- The HOME page was successful.
- The SERVICES page is successful.
- The SERVICES list is successful updated.
- The CONTACT US list is successful updated
- The BLOG UPDATE is successful.

Black Box Testing

- Black box testing is the Software testing method which is used to test the software without knowing the internal structure of code or program. This type of testing is carried out by testers.
- Implementation Knowledge is not required to carry out Black Box Testing.
- Programming Knowledge is not required to carry out Black Box Testing

CHAPTER-7

LEARNINGS

- Get to know about challenges and opportunities for digital marketing in India.
- Gain basic understanding of SEO, SEM, SMM, ORM, etc.
- Fulfilling each and every requirement of client is very important regardless of whether that requirement
 - is small or big.
- I learned how to pitch the client while meeting.
- I experienced the corporate feeling which gives me a good exposure.
- I was able to put in practice what I have learnt in my first year of marketing management curriculum.
- Leadership quality, it's all about the impact you have on other people. You need to have leaders within an organization. Leaders will deal with the customer, project, etc. as a leader.
- Healthy Competition forced to do better job the trick is to learn from your competitors quicker than they
 - can learn from you. Always look for your competitors' strengths.
- Digital marketing work is all about a team work and it always try to give best out of all.
- Time management is the big management lesson I have learnt as make individual more divert to words it work.
- How to do a formal communication, the way how to communicate with each level of management to get
 - work done.
- Every day same task, but the situations are different
- It's not only from my experience, but also from my observation. All colleagues are doing the same type of work, but the situation is different. Sometime they have problem with a client, but

on the next day they problems with vendors or with creative team. While coming to me, my first month was more concentrated with pitch presentation. Industry or clients are different or requirements of the client are

- different, but contents or the flow of pitch presentations are same.
- Observation is the best teacher
- There are lots of situations where I am completely blank and I don't know how to do some task. In those situations I observed my colleagues to know how they are doing it and I understood the importance of
- observation.
- Work life balancing
- This is the most important learning for me. This internship thought me how to balance your personal responsibility and professional responsibility together and how to enjoy life even after getting a job. Working in an agency is not an easy task, the person wants to face a lot of stress and challenges. I am the only person in my office leaving early, while comparing with others. Because my colleagues have lots of work, sometime they will leave by late night only. But they are really enjoying all the moments in their life. They don't have any difference between professional life and personal life.

CHAPTER-8

FUTURE ENHANCEMENTS

1. Digital Marketing Benefits For Business

- Digital marketing uses technologically advanced mediums for marketing.
- The effectiveness of campaigns can be measured and optimized.
- Marketing can be targeted at anyone irrespective of geographical location.
- Businesses have many marketing options within the digital spectrum.
- Digital marketing is very cost-effective compared to traditional media.

2. Digital Marketing Benefits For Students

- One of the fastest rising streams of education amongst emerging technologies.
- Digital marketing courses are available in all the top universities and institutes.
- Courses and certifications can also be done online.
- Digital marketing courses are job-oriented, and you can easily start your career.
- Digital marketing courses will also get a good salary and benefits.

CHAPTER-9

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