

UNIVERSITY  
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“CELEBRATING DREAMS”

# SCHOOL OF ENGINEERING AND TECHNOLOGY

## CRITERIA 1

### SUB CRITERIA 1.3.3

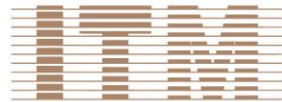
**Percentage of students undertaking  
Projects / Internships**

**Academic Year 2022-2023**

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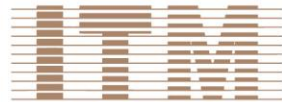
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## SCHOOL OF ENGINEERING AND TECHNOLOGY

### Total Number of Major/Minor Projects in UG


Projects	Course Code	Program	Total Number of students Involved in projects
	CSD0603	BTECH	111
BCAH-605	BCA (Hons)	37	
BCA-605	BCA	38	
MCA-206	MCA	87	

The students undertake mini and major projects for increasing their practical knowledge and experience.

### Total Number of Internships in UG and PG

Internships	Course Code	Program	Total Number of students Involved in projects
	CSD0502	BTECH	108
MCA-401	MCA	67	

In the Computer science and Applications disciplines, there is mandatory Internship. In the curriculum design it has been incorporated into the programme and complete it as a mandatory part of final year training.

  
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**SCHEMES (B.Tech.CS/MCA/BCA/BCAH)**



BATCH: 2020-2024

**STUDY AND EVALUATION SCHEME**  
(SUBJECT WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS)

Semester: 5

Name of Course: *B. Tech. in Computer Science & Engineering*

S. No.	Subject Code	Subject Name	Maximum Marks Allotted							Credits Allotted (Subject Wise)			Total Credits	Remarks
			Theory Slot			Practical Slot				Period Per Week				
			End Sem. Exam	Mid Sem. Exam (Two Tests' Average)	Class Participation	End Sem. Exam	Progressive Evaluation	Internal Viva	Total Marks	L	T	P		
1	CSL0501	Computer Graphics and Multimedia	40	30	30	40	30	30	200	3	0	2	4	
2	CSL0502	Cryptography and Network Security	40	30	30	-	-	-	100	3	1	0	4	
3	CSL0516	Theory of Computation	40	30	30	-	-	-	100	3	1	0	4	
4	CSL0563	Data Mining and Data Warehousing	40	30	30	40	30	30	200	3	0	2	4	
5	CSL0503	Fundamentals of Cloud Computing	40	30	30	-	-	-	100	3	0	0	3	
6	CSP0504	Python Programming	-	-	-	40	30	30	200	0	0	6	3	
7	CSD0502	Evaluation of Industrial Training-II	-	-	-	40	30	30	100	0	0	4	2	
8	MOOC-05	**MOOC	-	-	-	40	30	30	100	0	0	2	Credits are during based	
<b>Total Credits</b>												24		




BATCH: 2020-2024

**STUDY AND EVALUATION SCHEME**  
(SUBJECT WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS)

Name of Course: *B. Tech. in Computer Science & Engineering*

Semester: 6

S. No.	Subject Code	Subject Name	Maximum Marks Allotted							Credits Allotted (Subject Wise)			Total Credits	Remarks
			Theory Slot			Practical Slot				Period Per Week				
			End Sem. Exam	Mid Sem. Exam (Two Tests' Average)	Class Participation	End Sem. Exam	Progressive Evaluation	Internal Viva	Total Marks	L	T	P		
1	CSL0661	Digital Image Processing	40	30	30	40	30	30	200	3	0	2	4	
2	CSL0662	Compiler Design	40	30	30	-	-	-	100	3	1	0	4	
3	CSL0663	Artificial Intelligence	40	30	30	40	30	30	200	2	1	2	4	
4	CSL0664	Advance Cloud computing	40	30	30	-	-	-	100	3	0	0	3	
5	HUL0602	Principles of Management and managerial economics	40	30	30	-	-	-	100	3	0	0	3	
6	CSD0603	Minor Project	-	-	-	40	30	30	100	0	0	4	2	
7	MOOC-06	**MOOC	-	-	-	40	30	30	100	0	0	2	Credits are during based	
<b>Total Credits</b>												20		

  
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## STUDY AND EVALUATION SCHEME

(SUBJECT WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS)

Program Name: MCA

Semester: II

Course code	Course Name	L (Hrs)	T (Hrs)	P (Hrs)	Credits	Maximum Marks (Theory Slot)			Maximum Marks (Practical Slot)			Total Marks
						End term	Mid term	Class Performance	End term	Lab Performance	Internal Viva	
MCA – 201	Database Management System	3	1	4	6	40	30	30	40	30	30	200
MCA – 202	Computer Graphics	3	1	2	5	40	30	30	40	30	30	200
MCA – 203	Design and Analysis Algorithm	3	1	2	5	40	30	30	40	30	30	200
MCA – 204	Software Engineering	3	1	-	4	40	30	30	-	-	-	100
MCA – 205	Elective – II	3	1	2	5	40	30	30	40	30	30	200
MCA – 206	Minor Project – I	-	-	4	2	-	-	-	40	30	30	100
Total Credits					27	200	150	150	200	150	150	1000

Minimum pass Marks in a subject in end term theory: 30%

Minimum pass Marks in a subject in end term Practical: 50%

### SCHEME OF EXAMINATION

Subject wise Distribution of Marks and Corresponding Credits

Program Name: MCA

Semester: IV (Session 2021-23)

Course code	Course Name	L (Hrs)	T (Hrs)	P (Hrs)	Credits	Maximum Marks (Theory Slot)			Maximum Marks (Practical Slot)			Total Marks
						End term	Mid term	Class Performance	End term Practical	Seminar/ Presentation	Project Record/ Internal Viva	
MCA – 401	Major Project Dissertation / Industrial Training	-	-	-	20	-	-	-	200	100	200	500
Total Credits					20	-	-	-	200	100	200	500

#### MCA-106 ELECTIVE-I (P)

- (A) PHP
- (B) Programming with Python
- (C) ANDROID based application development

#### MCA-304 SPECIALIZATION-II (T+P)

- (A) Machine Learning
- (B) Cyber Security Fundamentals and Cyber Audit Essentials

#### MCA-205 SPECIALIZATION-I (T+P)

- (A) Data Science with Python
- (B) Cryptography and Network Security

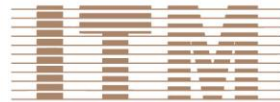
#### MCA-305 SPECIALIZATION-III (T+P)

- (A) Data Analytics
- (B) Digital Forensics and Analytics

  
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**SCHEME OF EXAMINATION**

**Subject wise Distribution of Marks and Corresponding Credits**

Program Name: BCA

Semester: VI (Session 2020-23)

Course code	Course Name	L (Hrs)	T (Hrs)	P (Hrs)	Credits	Maximum Marks (Theory Slot)			Maximum Marks (Practical Slot)			Total Marks
						End term	Mid term	Class Performance	End term	Lab Performance	Internal Viva	
BCA – 601	Software Project management	3	1	2	5	40	30	30	40	30	30	200
BCA – 602	Multimedia Systems	3	1	0	4	40	30	30	-	-	-	100
BCA – 603	Data Mining	3	1	0	4	40	30	30	-	-	-	100
BCA – 604	Elective – I	3	1	2	5	40	30	30	40	30	30	200
BCA – 605	Major Project	-	-	8	4	-	-	-	40	30	30	100
Total Credits					22	160	120	120	120	90	90	700

Minimum pass Marks in a subject in end term theory: 30%

Minimum pass Marks in a subject in end term Practical: 50%

ELECTIVE I (BCA-604)	
A.	Advance Cloud Computing
B.	Cryptography and Network Security
C.	Data Science using Python

**SCHEME OF EXAMINATION**

**Subject wise Distribution of Marks and Corresponding Credits**

Program Name: BCA(Hons.)


Semester: VI (Session 2020-23)

Course code	Course Name	L (Hrs)	T (Hrs)	P (Hrs)	Credits	Maximum Marks (Theory Slot)			Maximum Marks (Practical Slot)			Total Marks
						End term	Mid term	Class Performance	End term	Lab Performance	Internal Viva	
BCAH – 601	Software Project management	3	1	2	5	40	30	30	40	30	30	200
BCAH – 602	Multimedia Systems	3	1	-	4	40	30	30	-	-	-	100
BCAH – 603	Data Mining	3	1	-	4	40	30	30	-	-	-	100
BCAH – 604	Specialization-III	3	1	2	5	40	30	30	40	30	30	200
BCAH – 605	Major Project	-	-	6	3	-	-	-	40	30	30	100
BCAH-606	Web Designing with PHP	3	1	4	6	40	30	30	40	30	30	200
Total Credits					27	200	150	150	160	120	120	900

Minimum pass Marks in a subject in end term theory: 30%

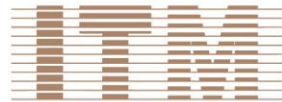
Minimum pass Marks in a subject in end term Practical: 50%

Specialization-III (BCAH-604)	
A.	Digital Forensics and Analytics
B.	Machine Learning

  
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## B.Tech. CS / MCA INTERNSHIP SYLLABUS

### Course Description:

This internship course provides students with an opportunity to gain practical experience in the field of computer science by working on a real-world project under the guidance of industry professionals. Students will apply their theoretical knowledge to solve practical problems, develop essential professional skills, and gain valuable insights into potential career paths.

### Course Outcomes (COs):

Upon successful completion of this internship course, students will be able to:

- **CO1:** Apply theoretical knowledge from coursework to solve real-world industry problems. (e.g., utilize marketing principles to develop a campaign for a local business)
- **CO2:** Demonstrate proficiency in industry-standard tools and technologies relevant to the internship field. (e.g., use design software to create graphics for a company website)
- **CO3:** Analyze and interpret data collected during the internship experience. (e.g., analyze customer feedback to improve product design)
- **CO4:** Enhance critical thinking skills by analyzing and evaluating the outcomes of assigned projects or tasks.
- **CO5:** Compile a comprehensive report documenting the learning experiences, challenges, and achievements during the internship period.

### Course Evaluation:


The student's performance will be evaluated through a combination of the following methods:

- **Project Work (50%):** Contribution to the assigned project tasks, code quality, and adherence to deadlines.
- **Mentor Evaluation (20%):** Feedback from the industry mentor on the student's performance, technical skills, and professional conduct.
- **Final Presentation & Report (20%):** Presentation of the internship project and a comprehensive written report detailing the work completed and learnings gained.
- **Self-Evaluation (10%):** Self-reflection on the internship experience, skill development, and areas for improvement.

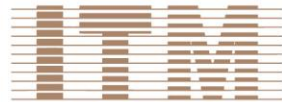
### Internship Expectations:

- Students will be assigned a specific project or tasks within a larger project by the internship company.
- Responsibilities will vary depending on the internship but may include:

  
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- Coding and development tasks using relevant programming languages and frameworks.
- System design and testing activities.
- User interface and experience (UI/UX) design (if applicable).
- Technical documentation creation.
- Participation in team meetings and discussions.
- Uphold ethical and academic integrity throughout the internship.

A handwritten signature in blue ink, appearing to be 'Sudh'.

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A handwritten signature in blue ink, appearing to be 'Kandley'.

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A handwritten signature in blue ink, appearing to be 'Omveer Singh'.

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## B.Tech. CS / MCA / BCA / BCAH Major Project SYLLABUS

**Pre-requisites:** Completion of core programming, computer science fundamentals, and relevant project management courses

### Course Description:

This Major Project course provides students with an opportunity to showcase their acquired knowledge and skills by independently researching, designing, developing, deploying, and documenting a substantial software application or system. Working in small teams, students will gain valuable experience in the entire software development lifecycle (SDLC) or project lifecycle, from problem identification and solution design to implementation, testing, deployment, and maintenance. The course aims to develop students' critical thinking, problem-solving, software development expertise, project management skills, and communication abilities.

### Course Outcomes (COs):


Upon successful completion of this minor project course, students will be able to:


- **CO1:** Conduct in-depth research and critically analyze existing solutions in the chosen project area within computer science or information technology. (Evaluate)
- **CO2:** Design a novel and comprehensive software solution using appropriate programming languages, frameworks, and tools. (Design)
- **CO3:** Implement the designed solution effectively, demonstrating core functionalities and addressing potential limitations. (Develop)
- **CO4:** Apply project management principles to plan, schedule, track progress, manage resources, and mitigate potential risks throughout the project lifecycle. (Plan and Organize)
- **CO5:** Effectively document the project, including system design, implementation details, user manuals, deployment procedures, and future enhancements. (Communicate)

### Course Structure:

- **Project Selection and Proposal:** Students will form teams (2-4 members) and select a project topic aligned with their interests and program curriculum. A detailed project proposal outlining the problem statement, solution approach, research plan, project timeline, and resource requirements will be submitted for approval.
- **Literature Review and Design:** Students will conduct in-depth research on existing solutions, analyze their strengths and weaknesses, and design a novel solution using appropriate technologies. Design documents and system architecture diagrams will be created.
- **Development and Testing:** Students will implement the designed solution using chosen programming languages, frameworks, and tools. Unit testing, integration

  
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testing, system testing, and user acceptance testing (UAT) will be conducted to ensure functionality, quality, and user satisfaction.

- **Project Management (Ongoing):** Students will utilize project management tools and techniques to plan, schedule tasks, track progress, manage resources, identify and mitigate risks, and ensure project deliverables are met on time and within budget.
- **Deployment and Documentation:** The developed solution will be deployed on a suitable platform (local server, cloud platform) with proper configuration and security measures. Comprehensive project documentation, including user manuals, technical specifications, deployment guides, and future enhancements, will be prepared.
- **Final Presentation and Evaluation:** Students will deliver a final presentation showcasing the project goals, methodology, outcomes, limitations, and lessons learned. The project will be evaluated based on a rubric considering functionality, design, documentation, project management, and presentation skills.

### Course Evaluation:

The student's performance will be evaluated through a combination of the following methods:

- **Project Proposal (15%):** Clarity of the problem statement, feasibility of the proposed solution, research plan, timeline, and resource allocation.
- **Design Documents (15%):** Completeness and technical soundness of system architecture, design patterns, and user interface design (if applicable).
- **Project Implementation and Testing (30%):** Functionality, code quality, adherence to best practices, testing methodology, bug resolution, and user acceptance testing results.
- **Project Management (15%):** Effective utilization of project management tools and techniques, adherence to the project plan, meeting deadlines, and managing resources effectively.
- **Project Documentation (15%):** Completeness, organization, clarity, and user-friendliness of project documentation (user manuals, technical specifications, deployment guides, etc.).
- **Final Presentation and Demonstration (10%):** Effective communication skills, clarity of presentation, demonstration of project functionality, and ability to answer questions.



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## B.Tech. CS / MCA / BCA / BCAH Minor Project SYLLABUS

**Pre-requisites:** Completion of core programming and computer science fundamentals courses.

### Course Description:

This minor project course provides students with a platform to explore a specific area of computer science or information technology by independently researching, developing, and documenting a software project. Working in small teams, students will gain practical experience in the entire software development lifecycle (SDLC) or project lifecycle, from problem identification and solution design to implementation, testing, and documentation. The course aims to strengthen students' problem-solving skills, software development expertise, project management abilities, and communication skills.

### Course Outcomes (COs):

Upon successful completion of this minor project course, students will be able to:

- **CO1: Conduct in-depth research and critically analyze existing solutions** in the chosen project area within computer science or information technology. (Evaluate)
- **CO2: Design a novel and comprehensive software solution** using appropriate programming languages, frameworks, and tools. (Design)
- **CO3: Implement the designed solution effectively, demonstrating core functionalities and addressing potential limitations.** (Develop)
- **CO4: Apply advanced software engineering principles, project management principles, and design patterns** to ensure the solution is robust, scalable, and maintainable in the long term. (Design)
- **CO5: Utilize database management systems or advanced programming paradigms** (e.g., object-oriented, functional, concurrency control) to enable efficient data storage, retrieval, and manipulation within the solution or to optimize the solution's efficiency and performance. (Develop)

### Course Structure:

- **Project Selection and Proposal (Week 1-2):** Students will form teams (2-3 members) and select a project topic aligned with their interests and program curriculum. A detailed project proposal outlining the problem statement, solution approach, research plan, and project timeline will be submitted for approval.
- **Literature Review and Design (Week 3-5):** Students will conduct in-depth research on existing solutions, analyze their strengths and weaknesses, and design a novel solution using appropriate technologies. Design documents and system architecture diagrams will be created.
- **Development and Testing (Week 6-10):** Students will implement the designed solution using chosen programming languages, frameworks, and tools. Unit testing,

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integration testing, and system testing will be conducted to ensure functionality and quality.

- **Documentation and Presentation (Week 11-12):** Students will prepare comprehensive project documentation, including user manuals, technical specifications, and future enhancements. A final presentation will be delivered to the instructor and peers, showcasing the project goals, methodology, outcomes, and lessons learned.

### Course Evaluation:

The student's performance will be evaluated through a combination of the following methods:

- **Project Proposal (20%):** Clarity of the problem statement, feasibility of the proposed solution, research plan, and timeline.
- **Project Design Documents (20%):** Completeness and technical soundness of system architecture, design patterns, and user interface design (if applicable).
- **Project Implementation and Testing (30%):** Functionality, code quality, adherence to best practices, testing methodology, and bug resolution.
- **Project Documentation (20%):** Completeness, organization, clarity, and user-friendliness of project documentation (user manuals, technical specifications, etc.).
- **Project Presentation (10%):** Effective communication skills, clarity of presentation,



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**B.Tech. CS VI Sem  
Minor Project (CSD0603)**

S.No	Roll No.	Name	Title
1	BETN1CS19061	Sumanshu Bhardwaj	Smart City
2	BETN1CS20001	Aditya Singh Sikarwar	Smart City
3	BETN1CS20002	Akash yadav	Smart City
4	BETN1CS20003	Akul Gupta	signature and photograph detection
5	BETN1CS20011	Ashmit Sharma	signature and photograph detection
6	BETN1CS20015	Gaurav Bohare	signature and photograph detection
7	BETN1CS20025	mohit Mendiratta	signature and photograph detection
8	BETN1CS20026	Neeraj Rajput	Universal Web Scrapper
9	BETN1CS20027	NITIN BHAGORIA	Universal Web Scrapper
10	BETN1CS20028	Parth Arora	Universal Web Scrapper
11	BETN1CS20030	Prabhanshu sisodia	Optimization in Task Scheduling In Cloud
12	BETN1CS20033	Rahul Pawar	Optimization in Task Scheduling In Cloud
13	BETN1CS20035	Riddhi Gupta	Optimization in Task Scheduling In Cloud
14	BETN1CS20036	Rishabh Dubey	Optimization in load balancing In Cloud
15	BETN1CS20037	Rohit Dubey	Optimization in load balancing In Cloud
16	BETN1CS20038	Sanskar Dixit	Music Recommender
17	BETN1CS20039	Shikhar Bhatnagar	Employee Management System
18	BETN1CS20040	Shobhit Pandey	Employee management system
19	BETN1CS20041	Shrey Sharma	Signature Verification
20	BETN1CS20043	Suryansh sharma	Signature verification
21	BETN1CS20045	V. Naveen Chainlu	SCS
22	BETN1CS20047	Vivek Dhandhode	SCS
23	BETN1CS20049	Tiwari Yash Mithilesh	SCS
24	BETN1CS20052	Deepak rathore	grievance redressal
25	BETN1CS20054	MEET Kumar	grievance redressal
26	BETN1CS20055	Prashant Rajak	House prediction
27	BETN1CS20056	shashank shekhar	House prediction
28	BETN1CS20058	Ishan Shekhar Jha	Food delivery
29	BETN1CS20059	Khushi Makhija	Food delivery
30	BETN1CS20060	Nishant kumar	Food delivery
31	BETN1CS20064	Rohit rathore	Food delivery
32	BETN1CS20070	Siddhant Shrivastav	TAP Cell Management
33	BETN1CS20071	Sudhanshu Rathore	TAP Cell Management
34	BETN1CS20072	Ankit Batham	TAP Cell Management
35	BETN1CS20074	Radhika Gupta	auto capture selfi by detecting smile python
36	BETN1CS20075	Shruti Dixit	auto capture selfi by detecting smile python
37	BETN1CS20078	Akash Rathore	auto capture selfi by detecting smile python
38	BETN1CS20079	Konkobo Ulrich Arthur	Collaborative filtering for ecommerce site
39	BETN1CS20080	Shivam Gole	Collaborative filtering for ecommerce site
40	BETN1CS20081	Vivek Pandey	Collaborative filtering for ecommerce site
41	BETN1CS20082	Raghav Agrawal	Water Quality Prediction
42	BETN1CS20083	Abhishek Kumar	Water Quality Prediction
43	BETN1CS20084	Gunjan Nivja	Smart Contact Management System
44	BETN1CS20086	Bhoomi Gupta	Smart Contact Management System
45	BETN1CS20087	Shashank Sharma	Smart Contact Management System
46	BETN1CS20088	Priyanshu Ranjan	Smart Contact Management System

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47	BETN1CS20090	Munendra Singh Kushwah	School Management System
48	BETN1CS20091	Ansh Singh	school management system
49	BETN1CS20093	Nabhanya Singh	Learning Management System
50	BETN1CS20094	Sunny Raipuriya	Learning Management System
51	BETN1CS20096	Shivam Yadav	visualizing and forecasting stocks using dash
52	BETN1CS20097	Singh Raksha Ajeetpal	visualizing and forecasting stocks using dash
53	BETN1CS20101	Bhawesh Agrawal	visualizing and forecasting stocks using dash
54	BETN1CS20102	Vishal Kanvajiya	visualizing and forecasting stocks using dash
55	BETN1CS20103	Anshul sharma	Face Recognition Attendance System
56	BETN1CS20104	Palak Agarwal	AI Chatbot
57	BETN1CS20105	Ubair Farooq Sheikh	AI Chatbot
58	BETN1CS20108	Blessed Chisanga	Leaf Disease Detection
59	BETN1CS20111	Vaibhav Singh Jadon	Leaf Disease Detection
60	BETN1CS20113	Satyam Raj	Matrimonial Prediction
61	BETN1CS20115	Aman Pandey	Matrimonial Prediction
62	BETN1CS20116	Umar Ansari	Matrimonial Prediction
63	BETN1CS20117	Bikram Kumar Chaudhary	House prediction
64	BETN1CS20118	Govind Kumar Majhi	House prediction
65	BETN1CS20120	Rupesh Kumar Sah	Food delivery
66	BETN1CS20121	MD Rasid	Food delivery
67	BETN1CS20122	Sachitanand Prasad Sah	Food delivery
68	BETN3CS21D01	Hridendra Singh Gautam	Food delivery
69	BETN3CS21T01	Aman Phaltankar	TAP Cell Management
70	BETN3CS21T02	Kartik khare	TAP Cell Management
71	BETN1CS20004	Anmol Sharma	Food Nutrition Analyzer
72	BETN1CS20006	Anuj singh jadoun	Dynamic Social Network Analysis Tool
73	BETN1CS20008	Aryan Sharma	Online Job Portal
74	BETN1CS20009	Aryan Singh Rathore	Mobile-Based Banking Application
75	BETN1CS20010	Ashlesha kriti	Sentiment Analysis
76	BETN1CS20012	Ashutosh Singh Gautam	Home Security Surveillance System
77	BETN1CS20013	Bhushan Kumar	Smart Weather Station
78	BETN1CS20018	Harsh Surve	Food Nutrition Analyzer
79	BETN1CS20019	Himanshu rai	Dynamic Social Network Analysis Tool
80	BETN1CS20020	Ishita Parira	Vibration Signal Analysis in Cantilever beam using Machine Learning
81	BETN1CS20022	Laiva Shakir	Mobile-Based Banking Application
82	BETN1CS20023	Mahak Gupta	Virtual Reality (VR) Shopping Experience
83	BETN1CS20024	Mansi Chauhan	Home Security Surveillance System
84	BETN1CS20029	Payal Jadon	Smart Weather Station
85	BETN1CS20031	Priyanshu soni	Food Nutrition Analyzer
86	BETN1CS20032	PUSHPENDRA KUMAR SINGH	Dynamic Social Network Analysis Tool
87	BETN1CS20034	Rahul Wadhvani	Online Job Portal
88	BETN1CS20042	Siddharth Rajoria	Mobile-Based Banking Application
89	BETN1CS20044	Tushar Sharma	Virtual Reality (VR) Shopping Experience
90	BETN1CS20046	Vishwajeet Singh Tomar	Home Security Surveillance System
91	BETN1CS20048	Yash Sakure	Vibration Signal Analysis in Cantilever beam using

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Dr. Omveer Singh  
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			Machine Learning
92	BETN1CS20050	Yogendra Tomar	Food Nutrition Analyzer
93	BETN1CS20051	Anmol Soni	Dynamic Social Network Analysis Tool
94	BETN1CS20053	Jahnvi Sinha	Online Job Portal
95	BETN1CS20057	shubhanshu Mishra	Mobile-Based Banking Application
96	BETN1CS20061	Rudra Pratap Singh Chauhan	Virtual Reality (VR) Shopping Experience
97	BETN1CS20062	Somya Sharma	Sentiment Analysis
98	BETN1CS20065	Aador Dasgupta	Smart Weather Station
99	BETN1CS20066	Prateek Kevre	Food Nutrition Analyzer
100	BETN1CS20068	Priyanshu Saurav	Dynamic Social Network Analysis Tool
101	BETN1CS20069	Ayush Pandey	Online Job Portal
102	BETN1CS20076	Byreddy Haneesh Reddy	Mobile-Based Banking Application
103	BETN1CS20077	Jaydeep Gupta	Virtual Reality (VR) Shopping Experience
104	BETN1CS20085	Azad Alam	Home Security Surveillance System
105	BETN1CS20089	Lali Sharma	Vibration Signal Analysis in Cantilever beam using Machine Learning
106	BETN1CS20092	Eti Shrivastava	Food Nutrition Analyzer
107	BETN1CS20095	Yashasvee Jha	Sentiment Analysis
108	BETN1CS20106	Gopal Sharma	Online Job Portal
109	BETN1CS20107	Sachin Sihare	Mobile-Based Banking Application
110	BETN1CS20110	Shruti Agnihotri	Virtual Reality (VR) Shopping Experience
111	BETN1CS20119	Ishika Agrawal	Home Security Surveillance System

  
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**ITM University Gwalior**  
**Minor Project Evaluation Sheet**  
**B.Tech. VI A (CSD0603)**

S.No.	Roll No.	Student Name	Project Topic	Faculty Guide
1	BETN1CS19061	Sumanshu Bhardwaj	Smart City	Dr. Geetanjali Surange
2	BETN1CS20001	Aditya Singh Sikarwar	Smart City	Dr. Geetanjali Surange
3	BETN1CS20002	Akash yadav	Smart City	Dr. Geetanjali Surange
4	BETN1CS20003	Akul Gupta	signature and photograph detection	Dr. Nidhi Dandotiya
5	BETN1CS20011	Ashmit Sharma	signature and photograph detection	Dr. Nidhi Dandotiya
6	BETN1CS20015	Gaurav Bohare	signature and photograph detection	Dr. Nidhi Dandotiya
7	BETN1CS20025	mohit Mendiratta	signature and photograph detection	Dr. Nidhi Dandotiya
8	BETN1CS20026	Neeraj Rajput	Universal Web Scrapper	Neeraj Goyal Sir
9	BETN1CS20027	NITIN BHAGORIA	Universal Web Scrapper	Neeraj Goyal Sir
10	BETN1CS20028	Parth Arora	Universal Web Scrapper	Neeraj Goyal Sir
11	BETN1CS20030	Prabhanshu sisodia	Optimization in Task Scheduling In Cloud	Dr. Vani Agrawal
12	BETN1CS20033	Rahul Pawar	Optimization in Task Scheduling In Cloud	Dr. Vani Agrawal
13	BETN1CS20035	Riddhi Gupta	Optimization in Task Scheduling In Cloud	Dr. Vani Agrawal
14	BETN1CS20036	Rishabh Dubey	Optimization in load balancing In Cloud	Dr. Vani Agrawal
15	BETN1CS20037	Rohit Dubey	Optimization in load balancing In Cloud	Dr. Vani Agrawal
16	BETN1CS20038	Sanskar Dixit	Music Recommender	Dr. BODHI CHAKRABORTY
17	BETN1CS20039	Shikhar Bhatnagar	Employee Management System	Dr. Vani Agarwal
18	BETN1CS20040	Shobhit Pandey	Employee management system	Dr. Vani Agarwal
19	BETN1CS20041	Shrey Sharma	Signature Verification	Mr. H.N. Verma
20	BETN1CS20043	Suryansh sharma	Signature verification	Mr. H.N. Verma
21	BETN1CS20045	V. Naveen Chainlu	SCS	Ms. Ayushi Gupta
22	BETN1CS20047	Vivek Dhandhode	SCS	Ms. Ayushi Gupta
23	BETN1CS20049	Tiwari Yash Mithilesh	SCS	Ms. Ayushi Gupta
24	BETN1CS20052	Deepak rathore	grievance redressal	Neeraj Goyal Sir
25	BETN1CS20054	MEET Kumar	grievance redressal	Neeraj Goyal sir
26	BETN1CS20055	Prashant Rajak	House prediction	Dr. Vani Agrawal
27	BETN1CS20056	shashank shekhar	House prediction	Dr. Vani Agrawal
28	BETN1CS20058	Ishan Shekhar Jha	Food delivery	Ms. Ayushi Gupta
29	BETN1CS20059	Khushi Makhija	Food delivery	Ms. Ayushi Gupta
30	BETN1CS20060	Nishant kumar	Food delivery	Ms. Ayushi Gupta
31	BETN1CS20064	Rohit rathore	Food delivery	Ms. Ayushi Gupta
32	BETN1CS20070	Siddhant Shrivastav	TAP Cell Management	Ms. Ayushi Gupta
33	BETN1CS20071	Sudhanshu Rathore	TAP Cell Management	Ms. Ayushi Gupta
34	BETN1CS20072	Ankit Batham	TAP Cell Management	Ms. Ayushi Gupta
35	BETN1CS20074	Radhika Gupta	auto capture selfi by detecting smile python	Mr.praveen gupta
36	BETN1CS20075	Shruti Dixit	auto capture selfi by detecting smile python	Mr.praveen gupta
37	BETN1CS20078	Akash Rathore	auto capture selfi by detecting smile	Mr.praveen gupta

			python	
38	BETN1CS20079	Konkobo Ulrich Arthur	Collaborative filtering for ecommerce site	Mr. Sheo Kumar
39	BETN1CS20080	Shivam Gole	Collaborative filtering for ecommerce site	Mr. Sheo Kumar
40	BETN1CS20081	Vivek Pandey	Collaborative filtering for ecommerce site	Mr. Sheo Kumar
41	BETN1CS20082	Raghav Agrawal	Water Quality Prediction	Dr. Vani Agarwal
42	BETN1CS20083	Abhishek Kumar	Water Quality Prediction	Dr. Vani Agarwal
43	BETN1CS20084	Gunjan Nivja	Smart Contact Management System	Ms. Gaurisha
44	BETN1CS20086	Bhoomi Gupta	Smart Contact Management System	Ms. Gaurisha
45	BETN1CS20087	Shashank Sharma	Smart Contact Management System	Ms. Gaurisha
46	BETN1CS20088	Priyanshu Ranjan	Smart Contact Management System	Ms. Gaurisha
47	BETN1CS20090	Munendra Singh Kushwah	School Management System	Dr. Bodhi Chakraborty
48	BETN1CS20091	Ansh Singh	school management system	Dr. Bodhi Chakraborty
49	BETN1CS20093	Nabhanya Singh	Learning Management System	Ms. Gaurisha
50	BETN1CS20094	Sunny Raipuriya	Learning Management System	Ms. Gaurisha
51	BETN1CS20096	Shivam Yadav	visualizing and forecasting stocks using dash	Dr. Vani Agrawal
52	BETN1CS20097	Singh Raksha Ajeetpal	visualizing and forecasting stocks using dash	Dr. Vani Agrawal
53	BETN1CS20101	Bhawesh Agrawal	visualizing and forecasting stocks using dash	Dr. Vani Agrawal
54	BETN1CS20102	Vishal Kanvajiya	visualizing and forecasting stocks using dash	Dr. Vani Agrawal
55	BETN1CS20103	Anshul sharma	Face Recognition Attendance System	Ms. Gaurisha Sisodia
56	BETN1CS20104	Palak Agarwal	AI Chatbot	Ms. Gaurisha Sisodia
57	BETN1CS20105	Ubair Farooq Sheikh	AI Chatbot	Ms. Gaurisha Sisodia
58	BETN1CS20108	Blessed Chisanga	Leaf Disease Detection	Ms. Ayushi Gupta
59	BETN1CS20111	Vaibhav Singh Jadon	Leaf Disease Detection	Ms. Ayushi Gupta
60	BETN1CS20113	Satyam Raj	Matrimonial Prediction	Dr. Vani Agrawal
61	BETN1CS20115	Aman Pandey	Matrimonial Prediction	Dr. Vani Agrawal
62	BETN1CS20116	Umar Ansari	Matrimonial Prediction	Dr. Vani Agrawal
63	BETN1CS20117	Bikram Kumar Chaudhary	House prediction	Mr. Sheo Kumar
64	BETN1CS20118	Govind Kumar Majhi	House prediction	Mr. Sheo Kumar
65	BETN1CS20120	Rupesh Kumar Sah	Food delivery	Mr. Sheo Kumar
66	BETN1CS20121	MD Rasid	Food delivery	Dr. Vani Agarwal
67	BETN1CS20122	Sachitanand Prasad Sah	Food delivery	Dr. Vani Agarwal
68	BETN3CS21D01	Hridendra Singh Gautam	Food delivery	Ms. Gaurisha
69	BETN3CS21T01	Aman Phaltankar	TAP Cell Management	Ms. Gaurisha
70	BETN3CS21T02	Kartik khare	TAP Cell Management	Ms. Gaurisha
71	BETN1CS20004	Anmol Sharma	Food Nutrition Analyser	Ms. Gaurisha
72	BETN1CS20006	Anuj singh jadoun	Dynamic Social Network Analysis Tool	Dr. Bodhi Chakraborty
73	BETN1CS20008	Aryan Sharma	Online Job Portal	Dr. Bodhi Chakraborty
74	BETN1CS20009	Aryan Singh Rathore	Mobile-Based Banking Application	Ms. Gaurisha
75	BETN1CS20010	Ashlesha kriti	Sentiment Analysis	Dr. Pallavi Khatri
76	BETN1CS20012	Ashutosh Singh Gautam	Home Security Surveillance System	Dr. Vani Agrawal
77	BETN1CS20013	Bhushan Kumar	Smart Weather Station	Dr. Vani Agrawal

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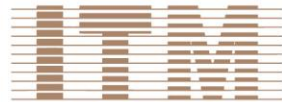
78	BETN1CS20018	Harsh Surve	Food Nutrition Analyser	Dr. Vani Agrawal
79	BETN1CS20019	Himanshu rai	Dynamic Social Network Analysis Tool	Dr. Vani Agrawal
80	BETN1CS20020	Ishita Parira	Vibration Signal Analysis in Cantilever beam using Machine Learning	Dr.Pallavi Khatri
81	BETN1CS20022	Laiva Shakir	Mobile-Based Banking Application	Ms. Gaurisha Sisodia
82	BETN1CS20023	Mahak Gupta	Virtual Reality (VR) Shopping Experience	Ms. Gaurisha Sisodia
83	BETN1CS20024	Mansi Chauhan	Home Security Surveillance System	Ms. Ayushi Gupta
84	BETN1CS20029	Payal Jadon	Smart Weather Station	Ms. Ayushi Gupta
85	BETN1CS20031	Priyanshu soni	Food Nutrition Analyser	Dr. Vani Agrawal
86	BETN1CS20032	PUSHPENDRA KUMAR SINGH	Dynamic Social Network Analysis Tool	Dr. Vani Agrawal
87	BETN1CS20034	Rahul Wadhvani	Online Job Portal	Dr. Vani Agrawal
88	BETN1CS20042	Siddharth Rajoria	Mobile-Based Banking Application	Dr. Geetanjali Surange
89	BETN1CS20044	Tushar Sharma	Virtual Reality (VR) Shopping Experience	Dr. Geetanjali Surange
90	BETN1CS20046	Vishwajeet Singh Tomar	Home Security Surveillance System	Dr. Geetanjali Surange
91	BETN1CS20048	Yash Sakure	Vibration Signal Analysis in Cantilever beam using Machine Learning	Dr.Pallavi Khatri
92	BETN1CS20050	Yogendra Tomar	Food Nutrition Analyser	Dr. Nidhi Dandotiya
93	BETN1CS20051	Anmol Soni	Dynamic Social Network Analysis Tool	Dr. Nidhi Dandotiya
94	BETN1CS20053	Jahnvi Sinha	Online Job Portal	Dr. Nidhi Dandotiya
95	BETN1CS20057	shubhanshu Mishra	Mobile-Based Banking Application	Neeraj Goyal Sir
96	BETN1CS20061	Rudra Pratap Singh Chauhan	Virtual Reality (VR) Shopping Experience	Neeraj Goyal Sir
97	BETN1CS20062	Somya Sharma	Sentiment Analysis	Dr.Pallavi Khatri
98	BETN1CS20065	Aador Dasgupta	Smart Weather Station	Dr. Vani Agrawal
99	BETN1CS20066	Prateek Kevre	Food Nutrition Analyser	Dr. Vani Agrawal
100	BETN1CS20068	Priyanshu Saurav	Dynamic Social Network Analysis Tool	Dr. Vani Agrawal
101	BETN1CS20069	Ayush Pandey	Online Job Portal	Dr. Vani Agrawal
102	BETN1CS20076	Byreddy Haneesh Reddy	Mobile-Based Banking Application	Dr. Vani Agrawal
103	BETN1CS20077	Jaydeep Gupta	Virtual Reality (VR) Shopping Experience	Dr. BODHI CHAKRABORTY
104	BETN1CS20085	Azad Alam	Home Security Surveillance System	Dr. Vani Agarwal
105	BETN1CS20089	Lali Sharma	Vibration Signal Analysis in Cantilever beam using Machine Learning	Dr.Pallavi Khatri
106	BETN1CS20092	Eti Shrivastava	Food Nutrition Analyser	Mr. H.N. Verma
107	BETN1CS20095	Yashasvee Jha	Sentiment Analysis	Dr.Pallavi Khatri
108	BETN1CS20106	Gopal Sharma	Online Job Portal	Ms. Ayushi Gupta
109	BETN1CS20107	Sachin Sihare	Mobile-Based Banking Application	Ms. Ayushi Gupta
110	BETN1CS20110	Shruti Agnihotri	Virtual Reality (VR) Shopping Experience	Ms. Ayushi Gupta
111	BETN1CS20119	Ishika Agrawal	Home Security Surveillance System	Neeraj Goyal Sir

  
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## Reports of B.Tech VI Semester Minor Project

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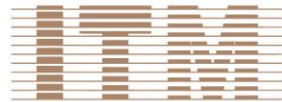
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A handwritten signature in blue ink, appearing to be 'Kandley'.

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A handwritten signature in blue ink, appearing to be 'Omveer Singh'.

**Dr. Omveer Singh**  
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## Sentiment Analysis

A Minor Project

*Submitted in partial fulfilment for the award of the degree of*

BACHELORS OF TECHNOLOGY

IN

Computer Science Engineering



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by

Ashlesha Kriti (BETN1CS20010)

Somya Sharma (BETN1CS20062)

Yashasvee Jha (BETN1CS20095)

Under the guidance of

Dr. Pallavi Khatri

Department of Computer Science Engineering

School of Engineering and Technology

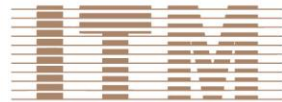
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(November 2022)

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“ CELEBRATING DREAMS ”

**Vibration Signal Analysis in Cantilever Beam using  
Machine Learning**

A Minor Project

*Submitted in partial fulfilment for the award of the degree of*

BACHELORS OF TECHNOLOGY

IN

Computer Science Engineering



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by

Lali Sharma , Ishita Parira , Yash Sakure

BETN1CS20089 , BETN1CS20020 , BETN1CS20048

Under the guidance of


Mr. Jai Kumar / Dr. Pallavi Khatri

Department of Computer Science Engineering


School of Engineering and Technology

ITM UNIVERSITY, GWALIOR - 475001 MP, INDIA

(NOVEMBER 2022)

  
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Dr. Omveer Singh  
REGISTRAR  
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**B.C.A (H) VI Semester  
Major Project (BCA-605)**

S.No	Roll No.	Name	Title
1	BCAH1CA20001	Abhishek Sharma	Smart City
2	BCAH1CA20002	Aftab Gani	Smart City
3	BCAH1CA20003	Anmol Singh	Smart City
4	BCAH1CA20004	Arpan Dubey	signature and photograph detection
5	BCAH1CA20007	Ahtisham Khan	signature and photograph detection
6	BCAH1CA20008	Awadhesh Baghel	signature and photograph detection
7	BCAH1CA20009	Dhairya Savita	signature and photograph detection
8	BCAH1CA20010	Harsh Pratap Singh	Universal Web Scrapper
9	BCAH1CA20012	Krishna Sikarwar	Universal Web Scrapper
10	BCAH1CA20013	Neetigya Yogi	Universal Web Scrapper
11	BCAH1CA20014	Nicky bandil	Optimization in Task Scheduling In Cloud
12	BCAH1CA20015	pankaj sharma	Optimization in Task Scheduling In Cloud
13	BCAH1CA20016	Paras Jain	Optimization in Task Scheduling In Cloud
14	BCAH1CA20017	Prakhar Vashisth	Optimization in load balancing In Cloud
15	BCAH1CA20018	Rex Dsouza	Optimization in load balancing In Cloud
16	BCAH1CA20019	Sahil Valmiki	Music Recommender
17	BCAH1CA20020	Sandeep Majhi	Employee Management System
18	BCAH1CA20022	Sanskar ghosh	Employee management system
19	BCAH1CA20023	shivam sharan	Signature Verification
20	BCAH1CA20024	Shivam Shukla	Signature verification
21	BCAH1CA20025	Sumit	SCS
22	BCAH1CA20026	Suraj Sharma	SCS
23	BCAH1CA20027	Vineet Tiwari	SCS
24	BCAH1CA20028	Akash Rawat	grievance redressal
25	BCAH1CA20029	Kapil Shahi	grievance redressal
26	BCAH1CA20030	Mohammad Daud	House prediction
27	BCAH1CA20031	Rohit Singh	House prediction
28	BCAH1CA20032	Tushar Gupta	Food delivery
29	BCAH1CA20033	Avdhendra Singh	Food delivery
30	BCAH1CA20034	Prashant Singh Rajawat	Food delivery
31	BCAH1CA20035	Om Wankhede	Food delivery
32	BCAH1CA20036	YAO NGUESSAN EUGENE	TAP Cell Management
33	BCAH1CA20037	Tanishk Sahu	TAP Cell Management
34	BCAH1CA20038	Astha Geda	TAP Cell Management
35	BCAH1CA20039	Archit Lal	auto capture selfi by detecting smile python
36	BCAH1CA20040	MD Habibullah	auto capture selfi by detecting smile python
37	BCAH1CA20041	Ankit Shrestha	auto capture selfi by detecting smile python

  
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**ITM University Gwalior**  
**Major Project Evaluation Sheet**  
**B.C.A(H) VI BCA-605**

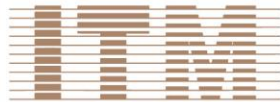
S.No.	Roll No.	Student Name	Project Topic	Faculty Guide
1	BCAH1CA20001	Abhishek Sharma	Smart City	Dr. Geetanjali Surange
2	BCAH1CA20002	Aftab Gani	Smart City	Dr. Geetanjali Surange
3	BCAH1CA20003	Anmol Singh	Smart City	Dr. Geetanjali Surange
4	BCAH1CA20004	Arpan Dubey	signature and photograph detection	Dr. Nidhi Dandotiya
5	BCAH1CA20007	Ahtisham Khan	signature and photograph detection	Dr. Nidhi Dandotiya
6	BCAH1CA20008	Awadhesh Baghel	signature and photograph detection	Dr. Nidhi Dandotiya
7	BCAH1CA20009	Dhairya Savita	signature and photograph detection	Dr. Nidhi Dandotiya
8	BCAH1CA20010	Harsh Pratap Singh	Universal Web Scrapper	Neeraj Goyal Sir
9	BCAH1CA20012	Krishna Sikarwar	Universal Web Scrapper	Neeraj Goyal Sir
10	BCAH1CA20013	Neetigya Yogi	Universal Web Scrapper	Neeraj Goyal Sir
11	BCAH1CA20014	Nicky bandil	Optimization in Task Scheduling In Cloud	Dr. Vani Agrawal
12	BCAH1CA20015	pankaj sharma	Optimization in Task Scheduling In Cloud	Dr. Vani Agrawal
13	BCAH1CA20016	Paras Jain	Optimization in Task Scheduling In Cloud	Dr. Vani Agrawal
14	BCAH1CA20017	Prakhar Vashisth	Optimization in load balancing In Cloud	Dr. Vani Agrawal
15	BCAH1CA20018	Rex Dsouza	Optimization in load balancing In Cloud	Dr. Vani Agrawal
16	BCAH1CA20019	Sahil Valmiki	Music Recommender	Dr. BODHI CHAKRABORTY
17	BCAH1CA20020	Sandeep Majhi	Employee Management System	Dr. Geetanjali Surange
18	BCAH1CA20022	Sanskar ghosh	Employee management system	Dr. Vani Agarwal
19	BCAH1CA20023	shivam sharan	Signature Verification	Mr. H.N. Verma
20	BCAH1CA20024	Shivam Shukla	Signature verification	Mr. H.N. Verma
21	BCAH1CA20025	Sumit	SCS	Ms. Ayushi Gupta
22	BCAH1CA20026	Suraj Sharma	SCS	Ms. Ayushi Gupta
23	BCAH1CA20027	Vineet Tiwari	SCS	Ms. Ayushi Gupta
24	BCAH1CA20028	Akash Rawat	grievance redressal	Neeraj Goyal Sir
25	BCAH1CA20029	Kapil Shahi	grievance redressal	Neeraj Goyal sir
26	BCAH1CA20030	Mohammad Daud	House prediction	Dr. Vani Agrawal
27	BCAH1CA20031	Rohit Singh	House prediction	Dr. Vani Agrawal
28	BCAH1CA20032	Tushar Gupta	Food delivery	Dr. Vani Agrawal
29	BCAH1CA20033	Avdhendra Singh	Food delivery	Ms. Ayushi Gupta
30	BCAH1CA20034	Prashant Singh Rajawat	Food delivery	Ms. Ayushi Gupta
31	BCAH1CA20035	Om Wankhede	Food delivery	Ms. Ayushi Gupta
32	BCAH1CA20036	YAO NGUESSAN EUGENE	TAP Cell Management	Ms. Ayushi Gupta
33	BCAH1CA20037	Tanishk Sahu	TAP Cell Management	Ms. Ayushi Gupta
34	BCAH1CA20038	Astha Geda	TAP Cell Management	Ms. Ayushi Gupta
35	BCAH1CA20039	Archit Lal	auto capture selfi by detecting smile python	Mr.praveen gupta
36	BCAH1CA20040	MD Habibullah	auto capture selfi by detecting smile python	Mr.praveen gupta
37	BCAH1CA20041	Ankit Shrestha	auto capture selfi by detecting smile	Mr.praveen gupta

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*Keandley*  
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School of Engg. & Techn  
ITM University  
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mail: info@itmuniversity.ac.in, web: www.itmuniversity.ac.in

*Dr. Omveer Singh*  
REGISTRAR  
ITM University  
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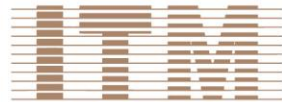
python

  
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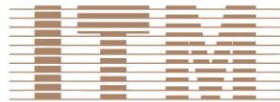
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## Reports of B.C.A (H) Major Project

  
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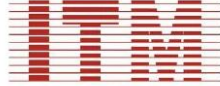
  
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# Employee Management System

A Project Report

Submitted in Partial fulfillment of Major Project for the award of  
Bachelor of Computer Application in (SOAT)

Submitted to

**ITM UNIVERSITY GWALIOR (M.P.)**

## MAJOR PROJECT REPORT

Submitted by

Sandeep Majhi [BCAH1CA20020]

Under the supervision of

Associate Professor Dr. Geetanjali Surange

Dept. of Computer Science & Applications

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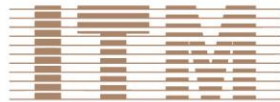
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# FOOD DELIVERY

A Project Report

Submitted in Partial fulfillment of Major Project for the award of  
Bachelor of Computer Application in (SOAT)

Submitted to

**ITM UNIVERSITY GWALIOR (M.P.)**

## MAJOR PROJECT REPORT

Submitted by

Tushar Gupta [BCAH1CA20032]

Under the supervision of

Associate Professor Dr. Vani Agrawal

**Dept. of Computer Science & Applications**

**Head**  
Dept of CSA  
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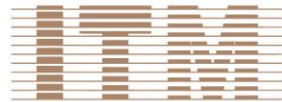
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**BCA VI Semester  
Major Project (BCA-605)**

S.No	Roll No.	Name	Title
1	BCAN1CA20001	Abhishek Dhakar	Smart City
2	BCAN1CA20002	Aman Sharma	Smart City
3	BCAN1CA20003	Aman Tamrakar	Smart City
4	BCAN1CA20004	Anshul Parihar	signature and photograph detection
5	BCAN1CA20005	Anshul Shakya	signature and photograph detection
6	BCAN1CA20006	Ashish Mudgal	signature and photograph detection
7	BCAN1CA20007	CHILESHE MULENGA	signature and photograph detection
8	BCAN1CA20008	Jatin Panjwani	Universal Web Scrapper
9	BCAN1CA20009	Kaushlendra Singh	Universal Web Scrapper
10	BCAN1CA20010	Kunal soni	Universal Web Scrapper
11	BCAN1CA20011	Manshi Dixit	Optimization in Task Scheduling In Cloud
12	BCAN1CA20012	Meghansh Gupta	Optimization in Task Scheduling In Cloud
13	BCAN1CA20013	Mihul dubey	Optimization in Task Scheduling In Cloud
14	BCAN1CA20014	Mohan Singh	Optimization in load balancing In Cloud
15	BCAN1CA20015	Pankaj sharma	Optimization in load balancing In Cloud
16	BCAN1CA20016	PUSHPENDRA SINGH	Music Recommender
17	BCAN1CA20018	SARTHAK GUPTA	Employee Management System
18	BCAN1CA20019	Satyam Kumar Chauhan	Employee management system
19	BCAN1CA20020	Shashank Tiwari	Signature Verification
20	BCAN1CA20021	Shivam Singh Rajawat	Signature verification
21	BCAN1CA20022	Shivendra Sengar	SCS
22	BCAN1CA20024	Siddhant sahu	SCS
23	BCAN1CA20025	Suraj Kuril	SCS
24	BCAN1CA20026	suryansh shivhare	grievance redressal
25	BCAN1CA20027	Yash Kumar	grievance redressal
26	BCAN1CA20028	YOGESH PRATAP SINGH	House prediction
27	BCAN1CA20029	Girraj Jha	House prediction
28	BCAN1CA20030	lakshya lochan	Food delivery
29	BCAN1CA20031	Naman Jain	Food delivery
30	BCAN1CA20032	Ritik soni	Food delivery
31	BCAN1CA20034	Yashika Chawla	Food delivery
32	BCAN1CA20035	Blesson Sam	TAP Cell Management
33	BCAN1CA20036	Kangkim Pertin	TAP Cell Management
34	BCAN1CA20038	Lucky Chauhan	TAP Cell Management
35	BCAN1CA20040	Prashant Sharma	auto capture selfi by detecting smile python
36	BCAN1CA20041	Shivly Shakya	auto capture selfi by detecting smile python
37	BCAN1CA20042	Niket Kumar	auto capture selfi by detecting smile python
38	BCAN1CA20043	Shivanshu Mishra	auto capture selfi by detecting smile python

  
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**ITM University Gwalior**  
**Major Project Evaluation Sheet**  
**B.C.A VI (BCA-605)**

S.No.	Roll No.	Student Name	Project Topic	Faculty Guide
1	BCAN1CA20001	Abhishek Dhakar	Smart City	Dr. Geetanjali Surange
2	BCAN1CA20002	Aman Sharma	Smart City	Dr. Geetanjali Surange
3	BCAN1CA20003	Aman Tamrakar	Smart City	Dr. Geetanjali Surange
4	BCAN1CA20004	Anshul Parihar	signature and photograph detection	Dr. Nidhi Dandotiya
5	BCAN1CA20005	Anshul Shakya	signature and photograph detection	Dr. Nidhi Dandotiya
6	BCAN1CA20006	Ashish Mudgal	signature and photograph detection	Dr. Nidhi Dandotiya
7	BCAN1CA20007	CHILESHE MULENGA	signature and photograph detection	Dr. Nidhi Dandotiya
8	BCAN1CA20008	Jatin Panjwani	Universal Web Scrapper	Neeraj Goyal Sir
9	BCAN1CA20009	Kaushlendra Singh	Universal Web Scrapper	Neeraj Goyal Sir
10	BCAN1CA20010	Kunal soni	Universal Web Scrapper	Neeraj Goyal Sir
11	BCAN1CA20011	Manshi Dixit	Optimization in Task Scheduling In Cloud	Dr. Vani Agrawal
12	BCAN1CA20012	Meghansh Gupta	Optimization in Task Scheduling In Cloud	Dr. Vani Agrawal
13	BCAN1CA20013	Mihul dubey	Optimization in Task Scheduling In Cloud	Dr. Vani Agrawal
14	BCAN1CA20014	Mohan Singh	Optimization in load balancing In Cloud	Dr. Vani Agrawal
15	BCAN1CA20015	Pankaj sharma	Optimization in load balancing In Cloud	Dr. Vani Agrawal
16	BCAN1CA20016	PUSHPENDRA SINGH	Music Recommender	Dr. BODHI CHAKRABORTY
17	BCAN1CA20018	SARTHAK GUPTA	Employee Management System	Dr. Vani Agarwal
18	BCAN1CA20019	Satyam Kumar Chauhan	Employee management system	Dr. Vani Agarwal
19	BCAN1CA20020	Shashank Tiwari	Signature Verification	Mr. H.N. Verma
20	BCAN1CA20021	Shivam Singh Rajawat	Signature verification	Mr. H.N. Verma
21	BCAN1CA20022	Shivendra Sengar	SCS	Ms. Ayushi Gupta
22	BCAN1CA20024	Siddhant sahu	SCS	Ms. Ayushi Gupta
23	BCAN1CA20025	Suraj Kuril	SCS	Ms. Ayushi Gupta
24	BCAN1CA20026	suryansh shivhare	grievance redressal	Neeraj Goyal Sir
25	BCAN1CA20027	Yash Kumar	grievance redressal	Neeraj Goyal sir
26	BCAN1CA20028	YOGESH PRATAP SINGH	House prediction	Dr. Vani Agrawal
27	BCAN1CA20029	Girraj Jha	House prediction	Dr. Vani Agrawal
28	BCAN1CA20030	lakshya lochan	Food delivery	Ms. Ayushi Gupta
29	BCAN1CA20031	Naman Jain	Food delivery	Ms. Ayushi Gupta
30	BCAN1CA20032	Ritik soni	Food delivery	Ms. Ayushi Gupta
31	BCAN1CA20034	Yashika Chawla	Food delivery	Ms. Ayushi Gupta
32	BCAN1CA20035	Blesson Sam	TAP Cell Management	Ms. Ayushi Gupta
33	BCAN1CA20036	Kangkim Pertin	TAP Cell Management	Ms. Ayushi Gupta
34	BCAN1CA20038	Lucky Chauhan	TAP Cell Management	Ms. Ayushi Gupta
35	BCAN1CA20040	Prashant Sharma	auto capture selfi by detecting smile python	Mr.praveen gupta
36	BCAN1CA20041	Shivly Shakya	auto capture selfi by detecting smile python	Mr.praveen gupta
37	BCAN1CA20042	Niket Kumar	auto capture selfi by det	Mr.praveen gupta



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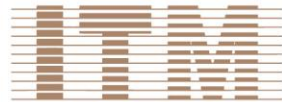
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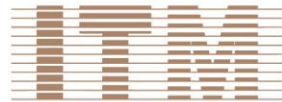
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			python	
38	BCAN1CA20043	Shivanshu Mishra	auto capture selfi by detecting smile python	Mr.praveen gupta

  
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## Reports of B.C.A Major Project

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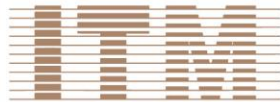
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A handwritten signature in blue ink, appearing to read 'Singh'.

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A handwritten signature in blue ink, appearing to read 'Omveer Singh'.

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# Optimization in Task Scheduling in Cloud

A Project Report

Submitted in Partial fulfillment of Major Project for the award of  
Bachelor of Computer Application in (SOAT)

Submitted to

**ITM UNIVERSITY GWALIOR (M.P.)**

**MAJOR PROJECT REPORT**

Submitted by

Manshi Dixit [BCAN1CA20011]

Under the supervision of


Associate Professor Dr. Vani Agrawal

**Dept. of Computer Science & Applications**

**ITM UNIVERSITY**

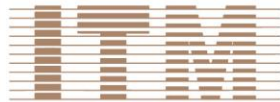
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# HOUSE PREDICATION

A Project Report

Submitted in Partial fulfillment of Major Project for the award of  
Bachelor of Computer Application in (SOAT)

Submitted to

**ITM UNIVERSITY GWALIOR (M.P.)**

## MAJOR PROJECT REPORT

Submitted by

Girraj Jha [BCAN1CA20029]

Under the supervision of

Associate Professor Dr. Vani Agrawal

**Dept. of Computer Science & Applications**

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REGISTRAR  
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## MCA II Semester Minor Project (MCA-206)

S.No	Roll No.	Name	Title
1	MCAN1CA22001	Abhishek Singh Tomar	Smart City
2	MCAN1CA22002	Shivam Garg	Smart City
3	MCAN1CA22003	Arvind Kushwah	Smart City
4	MCAN1CA22004	Satyendra Kumar Thakur	signature and photograph detection
5	MCAN1CA22005	Pradyumn Kumar	signature and photograph detection
6	MCAN1CA22006	Akanksha Budhaliya	signature and photograph detection
7	MCAN1CA22007	Abhishek Kushwah	signature and photograph detection
8	MCAN1CA22008	Kartikey Pandey	Universal Web Scrapper
9	MCAN1CA22009	Sankalp Yadav	Universal Web Scrapper
10	MCAN1CA22010	Kapil Manjhi	Universal Web Scrapper
11	MCAN1CA22011	Milan Maraiya	Optimization in Task Scheduling In Cloud
12	MCAN1CA22012	Pinki Kumari	Optimization in Task Scheduling In Cloud
13	MCAN1CA22013	Rinku Gurjar	Optimization in Task Scheduling In Cloud
14	MCAN1CA22014	Khushi Chaturvedi	Optimization in load balancing In Cloud
15	MCAN1CA22015	Vikram Rawat	Optimization in load balancing In Cloud
16	MCAN1CA22016	Ayush Jain	Music Recommender
17	MCAN1CA22017	Vaishnavi Dhare	Employee Management System
18	MCAN1CA22018	Mohd Altaf Mansoori	Employee management system
19	MCAN1CA22019	Prashant Singh	Signature Verification
20	MCAN1CA22020	Ajeet Sharma	Signature verification
21	MCAN1CA22021	Dheeraj Parashar	SCS
22	MCAN1CA22022	Karan Jadaun	SCS
23	MCAN1CA22023	Sachin Pathak	SCS
24	MCAN1CA22024	Rudrapratap Singh	grievance redressal
25	MCAN1CA22025	Shubham Dhakarey	grievance redressal
26	MCAN1CA22026	Gagan Sharma	House prediction
27	MCAN1CA22027	Nancy Gupta	House prediction
28	MCAN1CA22028	Mohd Saif	Food delivery
29	MCAN1CA22029	Anushka Dhakar	Food delivery
30	MCAN1CA22030	Daman Shakya	Food delivery
31	MCAN1CA22031	Janardan kumar	Food delivery
32	MCAN1CA22032	Jeetu Arya	TAP Cell Management
33	MCAN1CA22033	Manish Dhakar	TAP Cell Management
34	MCAN1CA22034	Pankaj Singh Tomar	TAP Cell Management
35	MCAN1CA22035	Vikash Rathor	auto capture selfi by detecting smile python
36	MCAN1CA22036	Dharamveer	auto capture selfi by detecting smile python
37	MCAN1CA22037	Prayanshu Pratap Singh	auto capture selfi by detecting smile python
38	MCAN1CA22038	Nandini Singh Parmar	Smart City
39	MCAN1CA22039	Yash Upadhyay	Smart City
40	MCAN1CA22040	Vivek Sharma	Smart City
41	MCAN1CA22041	Prabhakar Tiwari	signature and photograph detection
42	MCAN1CA22042	Sachin Bajpayi	signature and photograph detection
43	MCAN1CA22043	Deepti Sharma	signature and photograph detection
44	MCAN1CA22044	Neelu Devi	signature and photograph detection

  
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45	MCAN1CA22045	Aditya Kumar	Universal Web Scrapper
46	MCAN1CA22046	Sachin Gupta	Universal Web Scrapper
47	MCAN1CA22047	Sahil Prajapati	Universal Web Scrapper
48	MCAN1CA22048	Chirag Kankane	Optimization in Task Scheduling In Cloud
49	MCAN1CA22049	Hritik Jain	Optimization in Task Scheduling In Cloud
50	MCAN1CA22050	Anshita Bansal	Optimization in Task Scheduling In Cloud
51	MCAN1CA22052	Tarun Dhakar	Optimization in load balancing In Cloud
52	MCAN1CA22053	Pawan Rathore	Optimization in load balancing In Cloud
53	MCAN1CA22054	Ravi Kashyap	Music Recommender
54	MCAN1CA22055	Simran	Employee Management System
55	MCAN1CA22056	Deepak Singh Tomar	Employee management system
56	MCAN1CA22057	Abhishek Sharma	Signature Verification
57	MCAN1CA22058	Kalpana Agrawal	Signature verification
58	MCAN1CA22059	Vipin Jadon	SCS
59	MCAN1CA22060	Rajat Singh Tomar	SCS
60	MCAN1CA22061	Gautam Rana	SCS
61	MCAN1CA22062	Vivek Pandit	grievance redressal
62	MCAN1CA22064	Nandkishor	grievance redressal
63	MCAN1CA22065	Deependra Singh Rajawat	House prediction
64	MCAN1CA22066	Nitin Kumar	House prediction
65	MCAN1CA22067	Vaibhav Shrivastava	Food delivery
66	MCAN1CA22068	Tanushka Gupta	Food delivery
67	MCAN1CA22069	Mohit Arya	Food delivery
68	MCAN1CA22070	Megha Bhadoriya	Food delivery
69	MCAN1CA22071	Vaibhav Srivastava	TAP Cell Management
70	MCAN1CA22072	Pawan Kumar	TAP Cell Management
71	MCAN1CA22074	Varsha Rajak	TAP Cell Management
72	MCAN1CA22075	HAROUN RASHID SHANGAZI	auto capture selfi by detecting smile python
73	MCAN1CA22076	Shubham Singh Gurjar	auto capture selfi by detecting smile python
74	MCAN1CA22077	Anil Dhakad	auto capture selfi by detecting smile python
75	MCAN1CA22078	Piyush Arya	Food delivery
76	MCAN1CA22080	Sonu Yadav	Food delivery
77	MCAN1CA22081	Jitendra Sharma	Food delivery
78	MCAN1CA22082	Anshul Sharma	Food delivery
79	MCAN1CA22083	Kamlesh Batham	TAP Cell Management
80	MCAN1CA22084	Pradeep Singh Tomar	TAP Cell Management
81	MCAN1CA22085	Pranjal Singh Rajput	TAP Cell Management
82	MCAN1CA22086	Nitesh Shrivasis	auto capture selfi by detecting smile python
83	MCAN1CA22087	Amit Mahoviya	auto capture selfi by detecting smile python
84	MCAN1CA22088	Abhishek Bhadoria	auto capture selfi by detecting smile python
85	MCAN1CA22089	Sourav Jadon	TAP Cell Management
86	MCAN1CA22090	Raj Mangal	TAP Cell Management
87	MCAN1CA22091	Djidja Koko Ange Partricia	TAP Cell Management

  
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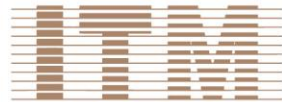
  
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Minor Project Evaluation Sheet				
M.C.A II MCA-206				
S.No.	Roll No.	Student Name	Project Topic	Faculty Guide
1	MCAN1CA22001	Abhishek Singh Tomar	Smart City	Dr. Geetanjali Surange
2	MCAN1CA22002	Shivam Garg	Smart City	Dr. Geetanjali Surange
3	MCAN1CA22003	Arvind Kushwah	Smart City	Dr. Geetanjali Surange
4	MCAN1CA22004	Satyendra Kumar Thakur	signature and photograph detection	Dr. Nidhi Dandotiya
5	MCAN1CA22005	Pradyumn Kumar	signature and photograph detection	Dr. Nidhi Dandotiya
6	MCAN1CA22006	Akanksha Budhaliya	signature and photograph detection	Dr. Nidhi Dandotiya
7	MCAN1CA22007	Abhishek Kushwah	signature and photograph detection	Dr. Nidhi Dandotiya
8	MCAN1CA22008	Kartikay Pandey	Universal Web Scrapper	Neeraj Goyal Sir
9	MCAN1CA22009	Sankalp Yadav	Universal Web Scrapper	Neeraj Goyal Sir
10	MCAN1CA22010	Kapil Manjhi	Universal Web Scrapper	Neeraj Goyal Sir
11	MCAN1CA22011	Milan Maraiya	Optimization in Task Scheduling In Cloud	Dr. Vani Agrawal
12	MCAN1CA22012	Pinki Kumari	Optimization in Task Scheduling In Cloud	Dr. Vani Agrawal
13	MCAN1CA22013	Rinku Gurjar	Optimization in Task Scheduling In Cloud	Dr. Vani Agrawal
14	MCAN1CA22014	Khushi Chaturvedi	Optimization in load balancing In Cloud	Dr. Vani Agrawal
15	MCAN1CA22015	Vikram Rawat	Optimization in load balancing In Cloud	Dr. Vani Agrawal
16	MCAN1CA22016	Ayush Jain	Music Recommender	Dr. BODHI CHAKRABORTY
17	MCAN1CA22017	Vaishnavi Dhare	Employee Management System	Dr. Vani Agarwal
18	MCAN1CA22018	Mohd Altaf Mansoori	Employee management system	Dr. Vani Agarwal
19	MCAN1CA22019	Prashant Singh	Signature Verification	Mr. H.N. Verma
20	MCAN1CA22020	Ajeet Sharma	Signature verification	Mr. H.N. Verma
21	MCAN1CA22021	Dheeraj Parashar	SCS	Ms. Ayushi Gupta
22	MCAN1CA22022	Karan Jadaun	SCS	Ms. Ayushi Gupta
23	MCAN1CA22023	Sachin Pathak	SCS	Ms. Ayushi Gupta
24	MCAN1CA22024	Rudrapratap Singh	grievance redressal	Neeraj Goyal Sir
25	MCAN1CA22025	Shubham Dhakarey	grievance redressal	Neeraj Goyal sir
26	MCAN1CA22026	Gagan Sharma	House prediction	Dr. Vani Agrawal
27	MCAN1CA22027	Nancy Gupta	House prediction	Dr. Vani Agrawal
28	MCAN1CA22028	Mohd Saif	Food delivery	Ms. Ayushi Gupta
29	MCAN1CA22029	Anushka Dhakar	Food delivery	Ms. Ayushi Gupta
30	MCAN1CA22030	Daman Shakya	Food delivery	Ms. Ayushi Gupta
31	MCAN1CA22031	Janardan kumar	Food delivery	Ms. Ayushi Gupta
32	MCAN1CA22032	Jeetu Arya	TAP Cell Management	Ms. Ayushi Gupta
33	MCAN1CA22033	Manish Dhakar	TAP Cell Management	Ms. Ayushi Gupta
34	MCAN1CA22034	Pankaj Singh Tomar	TAP Cell Management	Ms. Ayushi Gupta
35	MCAN1CA22035	Vikash Rathor	auto capture selfi by detecting smile python	Mr.praveen gupta
36	MCAN1CA22036	Dharamveer	auto capture selfi by detecting smile python	Mr.praveen gupta
37	MCAN1CA22037	Prayanshu Pratap Singh	auto capture selfi by detecting smile	Mr.praveen gupta

			python	
38	MCAN1CA22038	Nandini Singh Parmar	Universal Web Scrapper	Neeraj Goyal Sir
39	MCAN1CA22039	Yash Upadhyay	Universal Web Scrapper	Neeraj Goyal Sir
40	MCAN1CA22040	Vivek Sharma	Universal Web Scrapper	Neeraj Goyal Sir
41	MCAN1CA22041	Prabhakar Tiwari	Optimization in Task Scheduling In Cloud	Dr. Vani Agrawal
42	MCAN1CA22042	Sachin Bajpayi	Optimization in Task Scheduling In Cloud	Dr. Vani Agrawal
43	MCAN1CA22043	Deepti Sharma	Optimization in Task Scheduling In Cloud	Dr. Vani Agrawal
44	MCAN1CA22044	Neelu Devi	Optimization in load balancing In Cloud	Dr. Vani Agrawal
45	MCAN1CA22045	Aditya Kumar	Optimization in load balancing In Cloud	Dr. Vani Agrawal
46	MCAN1CA22046	Sachin Gupta	Music Recommender	Dr. BODHI CHAKRABORTY
47	MCAN1CA22047	Sahil Prajapati	Employee Management System	Dr. Vani Agarwal
48	MCAN1CA22048	Chirag Kankane	Employee management system	Dr. Vani Agarwal
49	MCAN1CA22049	Hritik Jain	Signature Verification	Mr. H.N. Verma
50	MCAN1CA22050	Anshita Bansal	Signature verification	Mr. H.N. Verma
51	MCAN1CA22052	Tarun Dhakar	SCS	Ms. Ayushi Gupta
52	MCAN1CA22053	Pawan Rathore	SCS	Ms. Ayushi Gupta
53	MCAN1CA22054	Ravi Kashyap	SCS	Ms. Ayushi Gupta
54	MCAN1CA22055	Simran	grievance redressal	Neeraj Goyal Sir
55	MCAN1CA22056	Deepak Singh Tomar	grievance redressal	Neeraj Goyal sir
56	MCAN1CA22057	Abhishek Sharma	House prediction	Dr. Vani Agrawal
57	MCAN1CA22058	Kalpna Agrawal	House prediction	Dr. Vani Agrawal
58	MCAN1CA22059	Vipin Jadon	Food delivery	Ms. Ayushi Gupta
59	MCAN1CA22060	Rajat Singh Tomar	Food delivery	Ms. Ayushi Gupta
60	MCAN1CA22061	Gautam Rana	Food delivery	Ms. Ayushi Gupta
61	MCAN1CA22062	Vivek Pandit	Food delivery	Ms. Ayushi Gupta
62	MCAN1CA22064	Nandkishor	TAP Cell Management	Ms. Ayushi Gupta
63	MCAN1CA22065	Deependra Singh Rajawat	TAP Cell Management	Ms. Ayushi Gupta
64	MCAN1CA22066	Nitin Kumar	TAP Cell Management	Ms. Ayushi Gupta
65	MCAN1CA22067	Vaibhav Shrivastava	auto capture selfi by detecting smile python	Mr.praveen gupta
66	MCAN1CA22068	Tanushka Gupta	auto capture selfi by detecting smile python	Mr.praveen gupta
67	MCAN1CA22069	Mohit Arya	auto capture selfi by detecting smile python	Mr.praveen gupta
68	MCAN1CA22070	Megha Bhadoriya	Smart City	Dr. Geetanjali Surange
69	MCAN1CA22071	Vaibhav Srivastava	Smart City	Dr. Geetanjali Surange
70	MCAN1CA22072	Pawan Kumar	Smart City	Dr. Geetanjali Surange
71	MCAN1CA22074	Varsha Rajak	signature and photograph detection	Dr. Nidhi Dandotiya
72	MCAN1CA22075	HAROUN RASHID SHANGAZI	signature and photograph detection	Dr. Nidhi Dandotiya
73	MCAN1CA22076	Shubham Singh Gurjar	signature and photograph detection	Dr. Nidhi Dandotiya
74	MCAN1CA22077	Anil Dhakad	signature and photograph detection	Dr. Nidhi Dandotiya
75	MCAN1CA22078	Piyush Arya	Universal Web Scrapper	Neeraj Goyal Sir
76	MCAN1CA22080	Sonu Yadav	Universal Web Scrapper	Neeraj Goyal Sir
77	MCAN1CA22081	Jitendra Sharma	Universal Web Scrapper	Neeraj Goyal Sir
78	MCAN1CA22082	Anshul Sharma	Smart City	Dr. Geetanjali Surange
79	MCAN1CA22083	Kamlesh Batham	Smart City	Dr. Geetanjali Surange
80	MCAN1CA22084	Pradeep Singh Tomar	Smart City	Dr. Geetanjali Surange

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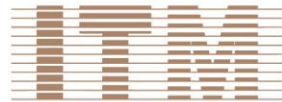
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81	MCAN1CA22085	Pranjal Singh Rajput	signature and photograph detection	Dr. Nidhi Dandotiya
82	MCAN1CA22086	Nitesh Shrivastava	signature and photograph detection	Dr. Nidhi Dandotiya
83	MCAN1CA22087	Amit Mahoviya	signature and photograph detection	Dr. Nidhi Dandotiya
84	MCAN1CA22088	Abhishek Bhadoria	signature and photograph detection	Dr. Nidhi Dandotiya
85	MCAN1CA22089	Sourav Jadon	Universal Web Scrapper	Neeraj Goyal Sir
86	MCAN1CA22090	Raj Mangal	Universal Web Scrapper	Neeraj Goyal Sir
87	MCAN1CA22091	Djidja Koko Ange Partricia	Universal Web Scrapper	Neeraj Goyal Sir

  
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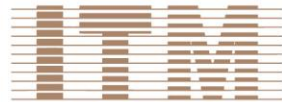
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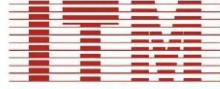
  
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# SMART CITY

A Project Report

Submitted in Partial fulfillment of Minor Project for the award of  
Master of Computer Application in (SOAT)

Submitted to

**ITM UNIVERSITY GWALIOR (M.P.)**

## MINOR PROJECT REPORT

Submitted by

Anshul Sharma [MCAN1CA22082]

Under the supervision of

Associate Professor Dr. Geetanjali Surange

Dept. of Computer Science & Applications

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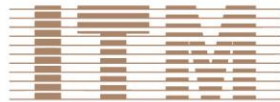
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# UNIVERSAL WEB SCRAPPER

A Project Report

Submitted in Partial fulfillment of Minor Project for the award of  
Master of Computer Application in (SOAT)

Submitted to

**ITM UNIVERSITY GWALIOR (M.P.)**

**MINOR PROJECT REPORT**

Submitted by

Kartikey Pandey [MCAN1CA22008]

Under the supervision of

Associate Professor Mr. Neeraj Goyal Sir

Dept. of Computer Science & Applications

ITM UNIVERSITY

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SESSION-2022-23

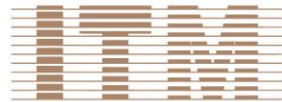
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**B.Tech V Semester  
Internship (CSD0502)**

S.No	Roll No.	Name	Company
1	BETN1CS20001	Aditya Singh Sikarwar	SAP Labs
2	BETN1CS20002	Akash yadav	PwC
3	BETN1CS20003	Akul Gupta	Ernst & Young (EY)
4	BETN1CS20011	Ashmit Sharma	KPMG
5	BETN1CS20015	Gaurav Bohare	Deloitte
6	BETN1CS20025	mohit Mendiratta	HubSpot
7	BETN1CS20026	Neeraj Rajput	Elastic
8	BETN1CS20027	NITIN BHAGORIA	Shopify
9	BETN1CS20028	Parth Arora	PayPal
10	BETN1CS20030	Prabhanshu sisodia	Tech Mahindra
11	BETN1CS20033	Rahul Pawar	Mindtree
12	BETN1CS20036	Rishabh Dubey	L&T Infotech
13	BETN1CS20037	Rohit Dubey	Persistent Systems
14	BETN1CS20038	Sanskar Dixit	Zoho Corporation
15	BETN1CS20039	Shikhar Bhatnagar	Epic Systems
16	BETN1CS20040	Shobhit Pandey	Palantir Technologies
17	BETN1CS20041	Shrey Sharma	ServiceTitan
18	BETN1CS20043	Suryansh sharma	Square
19	BETN1CS20045	V. Naveen Chainlu	Stripe
20	BETN1CS20047	Vivek Dhandhode	Atlassian
21	BETN1CS20052	Deepak rathore	SAP Labs
22	BETN1CS20054	MEET Kumar	PwC
23	BETN1CS20056	shashank shekhar	Ernst & Young (EY)
24	BETN1CS20058	Ishan Shekhar Jha	KPMG
25	BETN1CS20059	Khushi Makhija	Deloitte
26	BETN1CS20060	Nishant kumar	HubSpot
27	BETN1CS20064	Rohit rathore	Elastic
28	BETN1CS20070	Siddhant Shrivastav	Shopify
29	BETN1CS20071	Sudhanshu Rathore	PayPal
30	BETN1CS20072	Ankit Batham	HCL Technologies
31	BETN1CS20074	Radhika Gupta	Persistent Systems
32	BETN1CS20075	Shruti Dixit	Zoho Corporation
33	BETN1CS20078	Akash Rathore	Epic Systems
34	BETN1CS20080	Shivam Gole	Palantir Technologies
35	BETN1CS20081	Vivek Pandey	ServiceTitan
36	BETN1CS20082	Raghav Agrawal	Square
37	BETN1CS20083	Abhishek Kumar	Stripe
38	BETN1CS20084	Gunjan Nivja	Atlassian
39	BETN1CS20086	Bhoomi Gupta	SAP Labs
40	BETN1CS20087	Shashank Sharma	PwC
41	BETN1CS20088	Priyanshu Ranjan	Ernst & Young (EY)
42	BETN1CS20090	Munendra Singh Kushwah	KPMG
43	BETN1CS20091	Ansh Singh	Deloitte
44	BETN1CS20093	Nabhanya Singh	HubSpot
45	BETN1CS20094	Sunny Raipuria	Elastic
46	BETN1CS20097	Singh Raksha Ajeetpal	Shopify

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47	BETN1CS20101	Bhawesh Agrawal	PayPal
48	BETN1CS20102	Vishal Kanvajiya	HCL Technologies
49	BETN1CS20103	Anshul sharma	SAP Labs
50	BETN1CS20105	Ubair Farooq Sheikh	PwC
51	BETN1CS20111	Vaibhav Singh Jadon	Ernst & Young (EY)
52	BETN1CS20113	Satyam Raj	KPMG
53	BETN1CS20115	Aman Pandey	Deloitte
54	BETN1CS20116	Umar Ansari	HubSpot
55	BETN1CS20117	Bikram Kumar Chaudhary	Elastic
56	BETN1CS20118	Govind Kumar Majhi	Shopify
57	BETN1CS20120	Rupesh Kumar Sah	Atlassian
58	BETN1CS20121	MD Rasid	SAP Labs
59	BETN1CS20122	Sachitanand Prasad Sah	PwC
60	BETN3CS21T01	Aman Phaltankar	Ernst & Young (EY)
61	BETN1CS20004	Anmol Sharma	KPMG
62	BETN1CS20006	Anuj singh jadoun	Deloitte
63	BETN1CS20008	Aryan Sharma	HubSpot
64	BETN1CS20009	Aryan Singh Rathore	Atlassian
65	BETN1CS20010	Ashlesha kriti	SAP Labs
66	BETN1CS20012	Ashutosh Singh Gautam	PwC
67	BETN1CS20013	Bhushan Kumar	Ernst & Young (EY)
68	BETN1CS20018	Harsh Surve	KPMG
69	BETN1CS20019	Himanshu rai	Deloitte
70	BETN1CS20020	Ishita Parira	HubSpot
71	BETN1CS20022	Laiva Shakir	Elastic
72	BETN1CS20023	Mahak Gupta	Shopify
73	BETN1CS20024	Mansi Chauhan	PayPal
74	BETN1CS20029	Payal Jadon	HCL Technologies
75	BETN1CS20031	Priyanshu soni	Persistent Systems
76	BETN1CS20032	PUSHPENDRA KUMAR SINGH	Zoho Corporation
77	BETN1CS20034	Rahul Wadhvani	Epic Systems
78	BETN1CS20042	Siddharth Rajoria	Palantir Technologies
79	BETN1CS20044	Tushar Sharma	ServiceTitan
80	BETN1CS20046	Vishwajeet Singh Tomar	Square
81	BETN1CS20048	Yash Sakure	Stripe
82	BETN1CS20050	Yogendra Tomar	Atlassian
83	BETN1CS20051	Anmol Soni	SAP Labs
84	BETN1CS20053	Jahnvi Sinha	PwC
85	BETN1CS20057	shubhanshu Mishra	Atlassian
86	BETN1CS20061	Rudra Pratap Singh Chauhan	SAP Labs
87	BETN1CS20062	Somya Sharma	PwC
88	BETN1CS20065	Aador Dasgupta	Ernst & Young (EY)
89	BETN1CS20066	Prateek Kevre	KPMG
90	BETN1CS20068	Priyanshu Saurav	Deloitte
91	BETN1CS20069	Ayush Pandey	HubSpot
92	BETN1CS20076	Byreddy Haneesh Reddy	Elastic
93	BETN1CS20077	Jaydeep Gupta	Shopify

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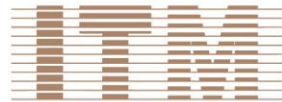
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94	BETN1CS20085	Azad Alam	PayPal
95	BETN1CS20089	Lali Sharma	HCL Technologies
96	BETN1CS20092	Eti Shrivastava	Persistent Systems
97	BETN1CS20095	Yashasvee Jha	Zoho Corporation
98	BETN1CS20106	Gopal Sharma	Epic Systems
99	BETN1CS20107	Sachin Sihare	Palantir Technologies
100	BETN1CS20110	Shruti Agnihotri	ServiceTitan
101	BETN1CS20119	Ishika Agrawal	Square
102	BETN1CS20007	Arghodeep	Stripe
103	BETN1CS20014	Farhan Ahmed	Atlassian
104	BETN1CS20016	Gauri kothekar	SAP Labs
105	BETN1CS20017	Harsh Sharma	PwC
106	BETN1CS20063	Vishakha Goyal	Persistent Systems
107	BETN1CS20067	Hazra Subhankar shivshankar	Zoho Corporation
108	BETN1CS20073	Adarsh Singh Tomar	Epic Systems
109	BETN1CS20098	Sourit Singh Rajawat	Palantir Technologies
110	BETN1CS20099	Deepak Dhirani	ServiceTitan
111	BETN1CS20109	Kandukuri Lokesh	Persistent Systems
112	BETN1CS20112	Jatan agarwal	Zoho Corporation
113	BETN1CS20114	Neelima Rai	Epic Systems

  
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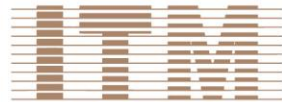
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## Reports of B.Tech Internship

  
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## Industrial Training Report

Submitted for partial fulfillment of Award of  
Degree of  
**Bachelor of Technology**  
In  
**Computer Science**

### INDUSTRIAL TRAINING –I (CSD0502)

Submitted to:  
**Dr. Geetanjali Surange**  
[Assistant Professor]

Submitted by:  
**Yash Sakure**  
[BETN1CS20048]

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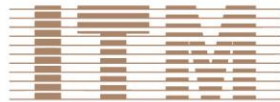
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### INDUSTRIAL TRAINING –I (CSD0502)

Submitted to:  
**Dr. Geetanjali Surange**  
[Assistant Professor]


Submitted by:  
**Neeraj Rajput**  
[BETN1CS20026]

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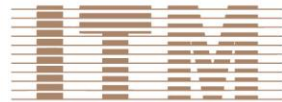
**MCA IV Semester  
Internship (MCA-401)**

S.No	Roll No.	Name	Company
1	MCAN1CA21001	Aanchal Shrivastava	Ernst & Young (EY)
2	MCAN1CA21002	Ajay Singh Tomar	KPMG
3	MCAN1CA21003	Akhil Sikarwar	Deloitte
4	MCAN1CA21004	Akhilesh Singh Sikarwar	HubSpot
5	MCAN1CA21005	Akshat dwivedi	Atlassian
6	MCAN1CA21006	Aniket Singh Baghel	SAP Labs
7	MCAN1CA21008	Ashi Gupta	PwC
8	MCAN1CA21009	Ashik Sarkar	Ernst & Young (EY)
9	MCAN1CA21010	Asif Khan	KPMG
10	MCAN1CA21011	Ayush Mangal	Deloitte
11	MCAN1CA21012	Chanchal Shrivastava	HubSpot
12	MCAN1CA21013	Chitranshu Kankar	Elastic
13	MCAN1CA21014	Deepak Sharma	Shopify
14	MCAN1CA21016	Gourav Prajapati	PayPal
15	MCAN1CA21017	Govind Garg	HCL Technologies
16	MCAN1CA21018	Himanshu Sahay	Persistent Systems
17	MCAN1CA21019	Intkhab Alam	Zoho Corporation
18	MCAN1CA21020	Kajal Tejani	Epic Systems
19	MCAN1CA21021	Karan Yadav	Palantir Technologies
20	MCAN1CA21022	Kargil Singh	ServiceTitan
21	MCAN1CA21023	Kushal kumar	Square
22	MCAN1CA21024	Neelesh Singh	Stripe
23	MCAN1CA21025	Neeraj Manjhi	Atlassian
24	MCAN1CA21026	Nikhil	SAP Labs
25	MCAN1CA21027	Piyush Kumar Singh	PwC
26	MCAN1CA21028	Rajveer Baghel	Atlassian
27	MCAN1CA21029	Raksha Upadhyay	SAP Labs
28	MCAN1CA21031	Rohit Kumar Singh	PwC
29	MCAN1CA21034	Sejal Tejani	Ernst & Young (EY)
30	MCAN1CA21035	Shikhar Saxena	KPMG
31	MCAN1CA21036	Shyam Sundar	Deloitte
32	MCAN1CA21037	Sohail Khan	Ernst & Young (EY)
33	MCAN1CA21038	Sonali Singh Rajawat	KPMG
34	MCAN1CA21039	Sourabh Ojha	Deloitte
35	MCAN1CA21040	Sumit Mishra	HubSpot
36	MCAN1CA21041	Sumit Sahu	Atlassian
37	MCAN1CA21042	Vaishali Singh Kushwah	SAP Labs
38	MCAN1CA21043	Vishwas Gupta	PwC
39	MCAN1CA21044	Yogendra Singh Bhadouriya	Ernst & Young (EY)
40	MCAN1CA21046	Rishita Shrivastava	KPMG
41	MCAN1CA21047	Sonali Garg	Deloitte
42	MCAN1CA21048	Aniket Savita	HubSpot
43	MCAN1CA21049	Mayank Singh Tomar	Elastic
44	MCAN1CA21050	Akash Chaurasiya	Shopify
45	MCAN1CA21052	Kavaljeet Singh Bhogal	PayPal
46	MCAN1CA21053	Kapil Tiwari	HCL Technologies

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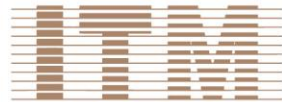
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47	MCAN1CA21054	Uday Pratap Singh Tomar	Persistent Systems
48	MCAN1CA21056	Abhay dixit	Zoho Corporation
49	MCAN1CA21057	Rahul Gaud	Epic Systems
50	MCAN1CA21059	Shubham Datta	Palantir Technologies
51	MCAN1CA21060	Piyush Salunke	ServiceTitan
52	MCAN1CA21061	Tarun Gupta	Square
53	MCAN1CA21062	Pushpendra Jadon	Stripe
54	MCAN1CA21064	Kamini Bhadoria	Atlassian
55	MCAN1CA21065	Akash Kumar	SAP Labs
56	MCAN1CA21067	Ashu Jain	PwC
57	MCAN1CA21068	Kunal Madankar	Atlassian
58	MCAN1CA21069	Mohd Tufail Khan	SAP Labs
59	MCAN1CA21070	Shalini Pandey	PwC
60	MCAN1CA21071	Ayush Kaushal	Ernst & Young (EY)
61	MCAN1CA21072	Rishabh Tiwari	KPMG
62	MCAN1CA21073	Ayush Shrivastava	Deloitte

  
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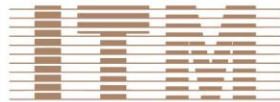
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# Industrial Training Report


Submitted for partial fulfillment of Award of  
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**Master of Computer Application**

**INDUSTRIAL TRAINING –I**  
**MCA-401**

Submitted to:  
Dr.Sanjay Jain  
[Associate Professor]

Submitted by:  
Govind Garg  
[MCA1CA21017]

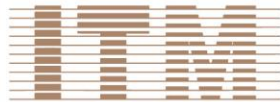
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