SCHOOL OF ENGINEERING AND TECHNOLOGY

CRITERIA 1

SUB CRITERIA 1.3.3

Percentage of students undertaking projects /internships

Academic Year 2019-2020

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Index

S.no	Component	Link
1.	Summary Table	View
2.	Internship Syllabus	View
3.	Minor Project Syllabus	View
4.	Major Project Syllabus	View
5.	Schemes of BTECH Project	View
6.	Sample Project Report B.Tech.	View
7.	Schemes of BCA Honors	View
8.	Sample reports of BCA-Hons	View
9.	Schemes of BTech Internship	View
10.	Sample Internship Report B.Tech.	View

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SCHOOL OF ENGINEERING AND TECHNOLOGY
Summary Table

Total Number of major/Minor Projects in UG

	Course Code	Program	Total Number of students Involved in projects
Projects	CSD0601	BTech CSE	56
	CSD0804	BTech CSE	118
	BCAH 605	BCA-Honors	22

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

Total Number of Internships in UG and PG

	Course Code	Program	Total Number of students Involved in Internship
Internships	CSD0301	BTech CSE	70

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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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:

- 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.

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B.Tech. CS / MCA / BCA / BCAH Minor 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 Major 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, integration testing, and system testing will be conducted to ensure functionality and quality.

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- **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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SCHEMES B. Tech in Computer Science and Engineering -2017 batch
CSD0601-Minor Project

ITM UNIVERSITY
GWALIOR • MP • INDIA

BATCH: 2016-2020

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)				Remarks
			Theory Slot			Practical Slot			Total Marks	Period Per Week			Total Credits	
			End Sem. Exam	Mid Sem. Exam (Two Tests' Average)	Class Participation	End Sem. Exam	Progressive Evaluation	Internal Viva		L	T	P		
1	CSL0610	Computer Graphics and Multimedia	40	30	30	40	30	30	200	3	1	2	5	
2	CSL0620	Compiler Design	40	30	30	-	-	-	100	3	1	0	4	
3	CSL0628	Artificial Intelligence	40	30	30	40	30	30	200	3	1	2	5	
4	CSL0661	Distributed Systems	40	30	30	-	-	-	100	3	1	0	4	
5	CSL0662	Dot Net Programming with C#	40	30	30	40	30	30	200	3	1	2	5	
6	CSD0601	Minor Project	-	-	-	40	30	30	100	0	0	4	2	
												Total Credits	25	

Student List With project Titles

s.no	Name	Roll Number	Project-Title
1	Aaditya Singh	BETN1CS17001	To-Do List Application
2	Aastha Pandey	BETN1CS17002	To-Do List Application
3	Abhinav Goyal	BETN1CS17003	To-Do List Application
4	Abhishek Kumar Gupta	BETN1CS17004	Virtual Classroom
5	Aditya Singh Chauhan	BETN1CS17005	Obstacles Avoiding CAR
6	Amit Kumar Singh	BETN1CS17006	Virtual Classroom
7	Ankit Tiwari	BETN1CS17007	Obstacles Avoiding CAR
8	Anoushka Yadav	BETN1CS17008	Attendance Management System
9	Anuj Srivastava	BETN1CS17009	Attendance Management System
10	Arpit Khard	BETN1CS17010	Attendance Management System
11	Ashish Anish	BETN1CS17012	Attendance Management System
12	Ayush Sharma	BETN1CS17013	Weather Forecasting Application
13	Ayush Shrivastava	BETN1CS17014	Weather Forecasting Application
14	Bonkuri Vamsee Krishna	BETN1CS17015	Weather Forecasting Application
15	Chandranshu Chandil	BETN1CS17016	Blood Donation Management System
16	Dara Samteja	BETN1CS17017	Personal Finance Tracker
17	Devansh Saxena	BETN1CS17018	Blood Donation Management System
18	Devdeep Agrawal	BETN1CS17019	Blood Donation Management System

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19	Drishti Goswami	BETN1CS17020	Inventory Management System
20	Harsh Saxena	BETN1CS17021	Inventory Management System
21	Harshit Agrawal	BETN1CS17022	Inventory Management System
22	Himansh Neekhra	BETN1CS17023	Online Quiz Application
23	Jitender Singh Kushwah	BETN1CS17025	Personal Finance Tracker
24	Kartik Raj	BETN1CS17026	Online Food Ordering System
25	Kavya Gupta	BETN1CS17028	Online Food Ordering System
26	Laxman Patel	BETN1CS17029	Online Food Ordering System
27	Manjit Kumar	BETN1CS17030	Movie Ticket Booking System
28	Mithilesh Kumar Soni	BETN1CS17031	Movie Ticket Booking System
29	Molleti Anish Kumar	BETN1CS17033	Movie Ticket Booking System
30	Namarshi Palit	BETN1CS17034	Virtual Classroom
31	Nitish Kumar	BETN1CS17036	Blogging Platform
32	Prabhat Rai	BETN1CS17037	Online Quiz Application
33	Prajjawal Tiwari	BETN1CS17038	Online Quiz Application
34	Prince Kumar	BETN1CS17040	College Feedback System
35	Puja Kumari	BETN1CS17042	College Feedback System
36	Rahul Kumar	BETN1CS17043	College Feedback System
37	Rahul Rauniyar	BETN1CS17044	Digital Resume Builder
38	Saksham Maheshwari	BETN1CS17047	Expense Tracker
39	Satyam Raj	BETN1CS17049	Expense Tracker
40	Sheshank Bhardwaj	BETN1CS17050	Expense Tracker
41	Shiv Pratap Singh	BETN1CS17051	Obstacles Avoiding CAR
42	Shoaib Ansari	BETN1CS17052	Personal Finance Tracker
43	Shobhika Kuchiya	BETN1CS17053	Blogging Platform
44	Shubham Bera	BETN1CS17054	Digital Resume Builder
45	Siddharth Teli	BETN1CS17055	vent Management System
46	Sujendra Kumar Kachhap Oraon	BETN1CS17057	Fitness Tracker Application
47	Tarun Kumar Gupta	BETN1CS17058	Fitness Tracker Application
48	Thamidela SreenivasaKarthik Reddy	BETN1CS17059	Fitness Tracker Application
49	Utkarsh Bajpayee	BETN1CS17060	Blogging Platform
50	Utkarsh Srivastava	BETN1CS17061	Obstacles Avoiding CAR
51	Utsav Santosh Shekdar	BETN1CS17062	Chat Application
52	Vikas Pandey	BETN1CS17063	Chat Application
53	Vinay Ghodki	BETN1CS17064	Chat Application
54	Bandaru Sai Teja	BETN1CS17066	Digital Resume Builder
55	Prakriti Shakya	BETN1CS17067	Event Management System
56	M.D. Murad Hossain	BETN1CS17070	Event Management System

CSD0601Minor Project Sample FILES

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OBSTACLES AVOIDING CAR

A MINOR PROJECT

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE & ENGINEERING

UNIVERSITY
GWALIOR • MP • INDIA

Under the Guidance of

Asst. Prof. Rahul Yadav

(Assistant Professor)

Submitted by

Ankit Tiwari	Aditya Singh Chauhan	Shiv Pratap Singh
BETN1CS17007	BETN1CS17005	BETN1CS17051

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School of Engineering & Technology

ITM UNIVERSITY GWALIOR, (M.P.), INDIA

2017-2021

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Under the Guidance of

Asst. Prof. Rahul Yadav
(Assistant Professor)

Submitted by

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BETN1CS17021

Harshit Agrawal
BETN1CS17022

Utkarsh Bajpayee
BETN1CS17060

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BTech VIII Semester
CSD0804- Major Project Batch 2016

ITM UNIVERSITY

BATCH: 2016-2020

STUDY AND EVALUATION SCHEME

(SUBJECT WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS)

Name of Course: *B. Tech. in Computer Science & Engineering* Semester: 8

S. No.	Subject Code	Subject Name	Maximum Marks Allotted							Credits Allotted (Subject Wise)			Total Credits	Remarks
			Theory Slot			Practical Slot			Total Marks	Period Per Week				
			End Sem. Exam	Mid Sem. Exam (Two Tests' Average)	Class Participation	End Sem. Exam	Progressive Evaluation	Internal Viva		L	T	P		
1	CSL0864	Modeling and Simulation	40	30	30	40	30	30	200	3	1	2	5	
2	CSL0865	Software Project Management	40	30	30	40	30	30	200	3	1	2	5	
3		*Elective - 3*	40	30	30	-	-	-	100	3	1	0	4	
4		*Elective - 4*	40	30	30	-	-	-	100	3	1	0	4	
5	CSD0804	Major Project - II	-	-	-	40	30	30	100	0	0	16	8	
												Total Credits	26	

List of Elective - 3 Subjects	(1) CSE0833 - Embedded Computer Systems	(2) CSE0852 - *Cloud Computing*	(3) CSE0880 - Pattern Recognition
List of Elective - 4 Subjects	(1) CSE0815 - *Information Storage and Management*	(2) CSE0855 - Parallel Computing	(3) CSE0867 - Humanoid Robotics

Student List-B.TECH VIII Semester(batch-2016)

s.no	Name	Roll Number	Project Title
1	Abhai Katiyar	BETN1CS16002	AI-Based Chatbot for Customer Support
2	Abhinaba Mukherjee	BETN1CS16003	Alumni management System
3	Abhinav Kumar	BETN1CS16004	Alumni management System
4	Abhinav Baghel	BETN1CS16005	Blockchain-Based Voting System
5	Abhishek Tomar	BETN1CS16006	AI-Based Chatbot for Customer Support
6	Aishwarya Sahai	BETN1CS16007	AI-Based Online Exam Proctoring System
7	Aishwarya Anand	BETN1CS16008	Artificial Artist
8	Akash Kumar	BETN1CS16009	Blockchain-Based Voting System
9	Akash Ranjan	BETN1CS16010	Blockchain-Based Voting System
10	Amit Yadav	BETN1CS16011	IoT-Based Smart Home Automation
11	Amit Sharma	BETN1CS16012	IoT-Based Smart Home Automation
12	Anshi Jain	BETN1CS16013	IoT-Based Smart Home Automation
13	Anshul Chawla	BETN1CS16014	Cloud-Based Healthcare Management System
14	Anuj Arora	BETN1CS16015	AI-Based Chatbot for Customer Support
15	Arjun Singh	BETN1CS16016	AI-Powered Image Recognition System
16	Ashish Kumar Singh	BETN1CS16017	AI-Powered Image Recognition System
17	Ayush Pandey	BETN1CS16018	Cloud-Based Healthcare Management System
18	Ayushi Singh	BETN1CS16019	AI-Powered Image Recognition System
19	Bhanu Pratap Singh	BETN1CS16022	Secure Online Payment System using Blockchain

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20	Charu Yadav	BETN1CS16024	Secure Online Payment System using Blockchain
21	Deepak Tiwari	BETN1CS16025	Secure Online Payment System using Blockchain
22	Deepam Daroga	BETN1CS16026	Machine Learning-Based Stock Market Prediction
23	Dhananjay Kumar	BETN1CS16027	Machine Learning-Based Stock Market Prediction
24	Dhrubajyoti Karjee	BETN1CS16028	Alumni management System
25	Dipanshu Kumar Purbey	BETN1CS16029	College Social Media Platform
26	Dipesh Barnwal	BETN1CS16030	Artificial Artist
27	Divy Kumar Sinha	BETN1CS16032	Data Mining for E-commerce Recommendation
28	Divya Nidhi	BETN1CS16033	Data Mining for E-commerce Recommendation
29	G Pratyusha	BETN1CS16034	Data Mining for E-commerce Recommendation
30	Gantakolla Sri Sai Tejasvi	BETN1CS16035	College Social Media Platform
31	Gaurav Soni	BETN1CS16036	Smart Traffic Management System using IoT
32	Harsh Arya	BETN1CS16037	Smart Traffic Management System using IoT
33	Harsh Sharma	BETN1CS16038	College Social Media Platform
34	Hemang Sharma	BETN1CS16039	Smart Traffic Management System using IoT
35	Himangi Saxena	BETN1CS16040	Virtual Reality-Based Learning Platform
36	Himanshu Verma	BETN1CS16041	AI Chatbot for College Admission Queries
37	Homneesh Kumar	BETN1CS16042	AI Chatbot for College Admission Queries
38	Irie Bi Zivo Henri Joel	BETN1CS16043	Cloud-Based Healthcare Management System
39	Jha Sakshi Sanjay	BETN1CS16044	Virtual Reality-Based Learning Platform
40	Kaushal Kishore	BETN1CS16046	Sentiment Analysis for Social Media
41	Kollati Ganesh	BETN1CS16047	Automated Resume Screening System
42	Krishan Murti Gond	BETN1CS16048	Automated Resume Screening System
43	Kushagra Rohatgi	BETN1CS16049	Cybersecurity Threat Detection System
44	Manish Singh	BETN1CS16051	Sentiment Analysis for Social Media
45	Mayank Gupta	BETN1CS16052	Cybersecurity Threat Detection System
46	Md Nabil Hossain	BETN1CS16053	Cybersecurity Threat Detection System
47	Mridul Singh	BETN1CS16055	Sentiment Analysis for Social Media
48	Mrinal	BETN1CS16056	Automated Resume Screening System
49	Mukul Gupta	BETN1CS16057	Virtual Reality-Based Learning Platform
50	Nikita Chetwani	BETN1CS16060	Facial Recognition Attendance System

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51	Nunsavath Phani Vinay Bhaskar	BETN1CS16062	Facial Recognition Attendance System
52	Piyush Kumar Jayant	BETN1CS16063	Facial Recognition Attendance System
53	Prateek Kumar	BETN1CS16064	Predictive Maintenance System for Machines
54	Prathvi Kant Choudhary	BETN1CS16065	Predictive Maintenance System for Machines
55	Preethwish Chakraborty	BETN1CS16066	Predictive Maintenance System for Machines
56	Pritesh Kumar Verma	BETN1CS16067	Real-Time Air Pollution Monitoring System
57	Purushottam Singh	BETN1CS16069	Real-Time Air Pollution Monitoring System
58	Pushpendra Singh	BETN1CS16070	Real-Time Air Pollution Monitoring System
59	Pushpendra Prajapati	BETN1CS16071	Online Examination and Proctoring System
60	Nasrullah Makhdon	BETN1CS16117	AI Chatbot for College Admission Queries
61	Mohibullah Nazari	BETN1CS16119	Online Examination and Proctoring System
62	Ashu Kumar Roy	BETN1CS16121	Augmented Reality for Indoor Navigation
63	Aayush Pandey	BETN1CS16122	Augmented Reality for Indoor Navigation
64	Arpit Sharma	BETN1CS15024	Augmented Reality for Indoor Navigation
65	Raveena Jain	BETN1CS16073	Cloud-Based File Sharing and Collaboration System
66	Rishabh Vaid	BETN1CS16075	Cloud-Based File Sharing and Collaboration System
67	Rishav Tiwari	BETN1CS16076	Online Examination and Proctoring System
68	Ritesh Kumar	BETN1CS16077	AI-Based Personal Fitness Trainer
69	Rohit Kumar	BETN1CS16079	AI-Based Personal Fitness Trainer
70	Rukavendra Singh Yadav	BETN1CS16080	Secure File Storage System using Blockchain
71	Sachin Chourasiya	BETN1CS16081	Secure File Storage System using Blockchain
72	Saima Rahmani	BETN1CS16083	Secure File Storage System using Blockchain
73	Shashank Kumar	BETN1CS16084	Big Data Analytics for E-commerce Insights
74	Shashank Bharadwaj	BETN1CS16085	Big Data Analytics for E-commerce Insights
75	Shashank Dandotiya	BETN1CS16086	Big Data Analytics for E-commerce Insights
76	Shivam Kumar	BETN1CS16087	AI-Powered Virtual Assistant

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77	Shivani Sharma	BETN1CS16089	Online Crime Reporting System
78	Shivani Chauhan	BETN1CS16090	Online Crime Reporting System
79	Shubham Singh Bisht	BETN1CS16091	Intelligent Traffic Signal Management using AI
80	Shwet Oberoi	BETN1CS16092	Intelligent Traffic Signal Management using AI
81	Shwetank	BETN1CS16093	Intelligent Traffic Signal Management using AI
82	Siddhant Sharma	BETN1CS16094	Smart Waste Management System using IoT
83	Siddhartha Roy	BETN1CS16095	Smart Waste Management System using IoT
84	Sudhanshu Shrivastava	BETN1CS16096	Smart Waste Management System using IoT
85	Sudhanshu Singh	BETN1CS16097	Real-Time Intrusion Detection System
86	Sudipto Mallick	BETN1CS16098	Real-Time Intrusion Detection System
87	Sumit Sah	BETN1CS16099	AI-Powered Virtual Assistant
88	Suraj Kumar	BETN1CS16100	Real-Time Intrusion Detection System
89	Soro Soulegame Abou	BETN1CS16101	Smart Energy Meter Monitoring System
90	Sushant Singh	BETN1CS16102	Smart Energy Meter Monitoring System
91	Susmit Kumar	BETN1CS16103	Smart Energy Meter Monitoring System
92	Suyash Srivastava	BETN1CS16104	Gesture-Controlled Robotic Arm
93	Tanmay Ranjan	BETN1CS16105	Gesture-Controlled Robotic Arm
94	Tarun Gupta	BETN1CS16106	Image Forgery Detection System
95	Thurimella Revanth	BETN1CS16107	Image Forgery Detection System
96	Uddesh Jain	BETN1CS16108	Online Banking Application
97	Uddeshya Upmanyu	BETN1CS16109	Online Banking Application
98	Vaddi Sai Gunaraj Sekhar	BETN1CS16110	AI-Powered Virtual Assistant
99	Vaibhav Chaubey	BETN1CS16111	Cloud-Based College Management System
100	Vedpal Jangir	BETN1CS16112	Cloud-Based College Management System
101	Vijay Kumar Choudhary	BETN1CS16113	Artificial Artist
102	Vikash Patel	BETN1CS16114	AI-Based Fraud Detection in Banking
103	Yash Sharma	BETN1CS16116	AI-Based Fraud Detection in Banking
104	Tanmay Trivedi	BETN1CS16118	AI-Based Fraud Detection in Banking
105	Sobhit Singh	BETN1CS16120	Social Media Application
106	Rytham Debnath	BETN1CS16123	Social Media Application
107	Awnish Kumar Manu	BETN1IT16002	Image Forgery Detection System
108	Ayush Vyas	BETN1IT16003	Social Media Application
109	Gajendra Singh	BETN1IT16004	Smart Healthcare Monitoring System
110	Krishna Tomar	BETN1IT16005	Smart Healthcare Monitoring System

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111	Richa Jain	BETN1IT16007	Smart Healthcare Monitoring System
112	Shivam Shekhar	BETN1IT16009	Artificial Artist
113	Tiwari Shreya Anil	BETN1IT16010	Real-Time Collaborative Code Editor
114	Uttam Kumar Mishra	BETN1IT16011	Real-Time Collaborative Code Editor
115	Shivam Kumar	BETN1IT16013	Real-Time Collaborative Code Editor
116	Krishnendu Mallick	BETN3CS17D01	AI-Based Online Exam Proctoring System
117	Mohd BilawalRaja	BETN3CS17D02	AI-Based Online Exam Proctoring System
118	Ashish Upadhyay	BETN5CS18T01	AI-Based Online Exam Proctoring System

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Alumni Management System

A Project Report
Submitted in Partial fulfillment of Major Project for the award of
Bachelor of Technology in (Computer Science & Engineering)

Submitted to
ITM UNIVERSITY GWALIOR (M.P.)

MAJOR PROJECT REPORT
Submitted by

Abhinaba Mukherjee [BETN1Cs16003]
Abhinav Kumar [BETN1CS16004]
Dhrubajyoti Kariee [BETN1CS16028]

Under the supervision of

Mrs. Nidhi Dandotiya

Undertaken At

ITM University Gwalior

Dept. of Computer Science & engineering
ITM UNIVERSITY
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SESSION-2019-20

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Artificial Artist

A Project Report
Submitted in Partial fulfillment of Major Project for the award of
Bachelor of Technology in (Computer Science & Engineering)

Submitted to
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MAJOR PROJECT REPORT

Submitted by
Aishwarya Anand [ITMET16S0081]
Dipesh Barnwal [ITMET16S0104]
Shivam Shekhar [ITMET16S0244]
Vijay Choudhary [ITMET16S0189]

Under the supervision of

Dr. Kapil Govil

Dept. of Computer Science Engineering
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SESSION - 2019-20

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BCAH605
BCA-Honours 6 semester (2017 Batch)

Scheme:

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STUDY AND EVALUATION SCHEME (2017-2020)
(SUBJECT-WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS)

Programme :BCA-Honors **Semester:6th**

.No.	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credit
			Theory			Practical			Total Marks				
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Progressive Evaluation	Internal Viva		L	T	P	
1	BCAH – 601[T]	Software Project management	40	30	30	0	0	0	100	3	1	0	4
2	BCAH– 602 [T]	Multimedia Systems	40	30	30	0	0	0	100	3	1	0	4
3	BCAH – 603	Object Oriented analysis and Design	40	30	30	0	0	0	100	3	1	0	4
4	BCAH – 601[P]	Software Project management	0	0	0	40	30	30	100	0	0	1	1
5	BCAH – 602 [P]	Multimedia Systems	0	0	0	40	30	30	100	0	0	1	1
6	BCAH – 605	Major Project	0	0	0	40	30	30	100	0	0	4	4
7		Elective1.	40	30	30	0	0	0	100	3	1	0	4
												Total Credits	22

Student List with Project Title

s.no	Name	Roll Number	Project Topic
1	Abdul Basit	BCAH1CA17001	Online Examination System
2	Aditi Gupta	BCAH1CA17002	Vehicle parking management
3	Akash Roy	BCAH1CA17003	Online Examination System
4	Akhil Teli	BCAH1CA17004	Online Examination System
5	AlbertMathenge Ngamau	BCAH1CA17005	Personal Finance Management App
6	Ashutosh Kumar	BCAH1CA17007	Hospital Management System
7	Ayushi Chandil	BCAH1CA17008	Vehicle parking management
8	Balram Singh	BCAH1CA17009	Personal Finance Management App
9	Bipin Jindal	BCAH1CA17010	Vehicle parking management

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10	Devanshu Chauhan	BCAH1CA17011	Employee Leave Management System
11	Doumbia Issa Abdoul Aziz	BCAH1CA17013	Digital Portfolio Website
12	Mambwe Moseni	BCAH1CA17014	Digital Portfolio Website
13	Mayur Gupta	BCAH1CA17015	Digital Portfolio Website
14	Mohil Khemariya	BCAH1CA17016	Vehicle parking management
15	Neelam Mankele	BCAH1CA17017	College Event Management System
16	Pankaj Gupta	BCAH1CA17018	College Event Management System
17	Rahul Yadav	BCAH1CA17019	College Event Management System
18	Rishabh Jain	BCAH1CA17020	Hostel Management System
19	Sammed Modi	BCAH1CA17021	Fitness Tracker App
20	Shivani Chanderiya	BCAH1CA17022	Blogging Website with CMS
21	Tanuj Shrivastava	BCAH1CA17023	Vehicle parking management
22	Yashika Agrawal	BCAH1CA17024	Hostel Management System

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VEHICLE PARKING MANAGEMENT

A Project Report
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Bachelor of Computer Application
Submitted to
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MAJOR PROJECT REPORT
Submitted by

Ayushi Chandil(BCAH1CA17008)
Aditi Gupta(BCAH1CA17002)
Tanuj Shrivastava(BCAH1CA17023)
Bipin Jindal(BCAH1CA17010)
Mohil Khemaria(BCAH1CA17016)

Under the supervision of

Project guide (In Organization)

Undertaken At
Name of Organization

Dept. of Computer Science & Applications

ITM UNIVERSITY

GWALIOR (M.P.)

SESSION-2017-20

Dept. of Computer Science & Applications

ITM UNIVERSITY, Gwalior (M.P

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Online Examination System

A Project Report
Submitted in Partial fulfillment of Major Project for the award of
Bachelor of computer application Honours

Submitted to
ITM UNIVERSITY GWALIOR (M.P.)

MAJOR PROJECT REPORT

Submitted by

Abdul Basit-BCAH1CA17001

Akash Roy-BCAH1CA17003

Akhil Teli-BCAH1CA17004

Under the supervision of

Mrs. Keerti Shrivastava

Dept. of Computer Science & Applications
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BTech Computer Science & Engineering
CSD0301 Industrial training

Scheme:

ITM UNIVERSITY
GWALIOR • MP • INDIA

BATCH: 2019-2023

STUDY AND EVALUATION SCHEME

(SUBJECT WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS)

Name of Course: ***B. Tech. in Computer Science & Engineering*** **Semester: 3**

S. No.	Subject Code	Subject Name	Maximum Marks Allotted							Credits Allotted (Subject Wise)			Total Credits	Remarks
			Theory Slot			Practical Slot			Total Marks	Period Per Week				
			End Sem. Exam	Mid Sem. Exam (Two Tests' Average)	Class Participation	End Sem. Exam	Progressive Evaluation	Internal Viva		L	T	P		
1	MAL0305	Engineering Mathematics-III	40	30	30	-	-	-	100	3	1	0	4	
2	ECL0306	Digital Electronics	40	30	30	40	30	30	200	3	1	2	5	
3	CSL0306	Operating System	40	30	30	40	30	30	200	3	1	2	5	
4	CSL0357	Data Structures & Applications	40	30	30	40	30	30	200	2	1	4	5	
5	CSL0358	Software Engineering	40	30	30	-	-	-	100	3	1	0	4	
6.	CSP0304	Java Programming	-	-	-	40	30	30	100	0	0	6	3	
7.	CSD0301	Industrial Training-I	-	-	-	40	30	30	100	0	0	2	1	
												Total Credits	27	

Student List:

s.no	Name	Roll Number	Company name
1	Abdul Khaliq	BETN1CS19001	Bharat Intern
2	Abhay Kumar	BETN1CS19002	AWS CLOUD INTERNSHIP
3	Abhijit Anand	BETN1CS19003	AICTE
4	Abhishek Bajpai	BETN1CS19004	NETXIS
5	Abhishek Singh Rajput	BETN1CS19005	Wonder walls Solutions
6	Anil Kumar	BETN1CS19008	ASPEXX Health Solution Pvt. Ltd. (CUREYA)
7	Anirudha Soni	BETN1CS19009	Team Innovation
8	Ankit Sahu	BETN1CS19010	TCA (Mentortca Technology PVT. LTD.)
9	Anshu Kumari	BETN1CS19011	Suven Consultants
10	Anshul Jaiswani	BETN1CS19012	Nelumbos Technologies
11	Anuj Choudhary	BETN1CS19013	ACITE
12	Avantika Singh	BETN1CS19014	Lets Grow More
13	Ayush Batham	BETN1CS19015	Celonis
14	Bhanu Pratap Singh Bais	BETN1CS19016	AWS Academy
15	Chhavi Sachdeva	BETN1CS19017	AICTE
16	Dev Pratap Singh Rathore	BETN1CS19018	Praedico global research
17	Dibyajyoti Priyadarshini	BETN1CS19019	Webtek Services Pvt Ltd.

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18	DMK Raj	BETN1CS19020	LetsGrowMore
19	Donkada Balaji Aadesh	BETN1CS19021	AICTE
20	Gadudula Praveen	BETN1CS19022	WebTek Services pvt. Ltd.
21	Gaurav Kumar Pal	BETN1CS19023	Amazon web services Academy virtual intenship
22	Gaurav Kumar Rathore	BETN1CS19024	EduSkills , AICITE
23	Harsh Rawat	BETN1CS19026	Monkeydunkey
24	Harshit Shrivastava	BETN1CS19027	ITM UNIVERSITY GWALIOR
25	Himanshu Paul	BETN1CS19028	MunkyDunky
26	Kanishq Soni	BETN1CS19030	Lets Grow More
27	Karan Gautam	BETN1CS19031	ITM UNIVERSITY GWALIOR
28	Karri Sathwik	BETN1CS19032	MyCaptain
29	Kartik Agarwal	BETN1CS19033	ITM University
30	Lutfullah Amarkhil	BETN1CS19034	Amazon
31	Manish Kumar	BETN1CS19035	Celonis
32	Manish Sharma	BETN1CS19036	WebSeries review
33	Mansi Kuchiya	BETN1CS19037	Ineuron.ai
34	Mantu Kumar	BETN1CS19038	CUSTOSHOE PRIVATE LIMITED
35	Mohammad Akram	BETN1CS19039	Webtek Services Private Limited
36	Mohd. Suhel	BETN1CS19040	MYCAPTAIN
37	Mohit Kumar Singh Baghel	BETN1CS19041	ITM University
38	Musawer Ahmad	BETN1CS19043	Nelumbus Technology
39	Nidhi Kumari	BETN1CS19045	ITM University Gwalior
40	Niharika Singh	BETN1CS19046	AICTE Virtual Internship
41	Pragya Gupta	BETN1CS19047	AWS
42	Pranav Kashyap	BETN1CS19048	AWS
43	Priyansh Kamal Pahuja	BETN1CS19049	LAADLI FOUNDATION
44	Puneet Kumar	BETN1CS19050	Asiana times
45	Rehan Raza	BETN1CS19052	Letsgrow moore
46	Sankalp Pandey	BETN1CS19054	Zscaler Academy
47	Saurabh Kumar	BETN1CS19055	AICTE (Amazon Web Services)
48	Shiv Sharma	BETN1CS19056	ITM University
49	Shivam Jain	BETN1CS19057	EduSkills
50	Shubham Kumar	BETN1CS19058	Eduskills
51	Shubham Singh	BETN1CS19059	ASIANA TIMES
52	Sumant Bhargava	BETN1CS19062	Alityart
53	Sunny Singh	BETN1CS19063	Udemy
54	Sunny Tiwari	BETN1CS19064	Aicte
55	Suyash Chawda	BETN1CS19065	CELONIS
56	Tejeshwer Singh Sachdeva	BETN1CS19066	Aws Academy
57	Vaibhav Gupta	BETN1CS19067	Binary system

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58	Vinayak Singh	BETN1CS19068	Aicte
59	Vishal Khajuria	BETN1CS19069	Let'sgrowmore
60	Vishal Kumar Mishra	BETN1CS19070	AWS
61	Vishal Rajoria	BETN1CS19071	Amazon web service
62	Vivek Singh Gurjar	BETN1CS19072	AICTE AWS VIRTUAL ACADEMY
63	Yash Pandey	BETN1CS19073	HYPTUMA
64	Yash Parmar	BETN1CS19074	ICS India private limited
65	Abhishek Raj	BETN1CS19104	ITM University
66	Shovon Bhowmick Jitu	BETN1CS19105	AWS AICTE EduSkills
67	Kapil Garg	BETN1CS19106	Netxis edu pvt
68	Shreyansh Sisodia	BETN1CS19107	Alteryx
69	Abhishek Kumar	BETN1CS19108	Webtach service limited
70	Divya Rai	BETN3CS20D02	ZScalar

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Industrial Training Report

Submitted for partial fulfillment of Award of
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Bachelor of Technology
in
Computer Science

INDUSTRIAL TRAINING – I
CSD0301[P]

Submitted to

Dr. Anand Pandey
[Assistant Professor]

Submitted by
Saurabh Kumar
[BETN1CS19055]

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Submitted for partial fulfillment of Award of
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Bachelor of Technology
in
Computer Science

INDUSTRIAL TRAINING – I
CSD0301[P]

Submitted to

Dr. Sanjay Jain
[Associate Professor]

Submitted by
Kanishq Soni
[BETN1CS19030]

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Location:
Date: 2024-11-21 15:10+05:30