1.3.4 Percentage of students undertaking field projects/ internships / student projects
(Data for the latest completed academic year)

(Final Year : Session 2020-21)

Number of students undertaking field projects

S.No.	Programme name	Program Code	Name of students undertaking field projects /internships/student projects	Page No.
1	B. Tech (Electronics & Telecommunication)	28	Number of Students Undergoing Major Project - 109	01-04
2	B. Tech. (Civil Engineering)	20	Number of Students Undergoing Major Project - 72	05-06
3	B.Tech (Computer Science Engineering)	22	Number of Students Undergoing Major Project - 132	07-09
4	B. Tech (Electrical Engineering)	24	Number of Students Undergoing Major Project - 66	10-11
5	B.Tech (Electrical & Electronics Engineering)	25	Number of Students Undergoing Major Project - 52	12-13
6	B.Tech (Information Technology)	33	Number of Students Undergoing Major Project - 57	14-15
7	B.Tech. (Mechanical Engineering)	37	Number of Students Undergoing Major Project - 134	16-18
8	M.Tech.(Data Science)	22	Number of Students undergoing Minor project - 5	19
9	M.Tech (Production Engineering)	37	Number of Students undergoing Project Work- 2	20
10	M.Tech (Structural Engineering)	29	Number of Students undergoing Projects - 10	21
11	M.Tech (Environmental Science and Engineering) (PT)	24	Number of Students undergoing Projects - 12	22
12	M.Tech (e-Security)	33	Number of Students undergoing Project Work- 1	23
13	B.Voc (Electronics manufacturing Services	72	Number of Students undergoing Project Work- 5	24

SL. No	Student name	Group no.	Title of Project	Area of Project(env, safety, ethics, Industry based, product, app, multidisciplinary etc.)
1	HITANKSHI K VIRA	1	Enhancing security inVLC using blockchain incorporated with watermarking in UMC	Application
2	ABHISHEK KUMAR JHA			
3	BHUMIKA YADAV			
4	AAFREEN KHAN	2	RFID based Warehouse/Inventory Management System	Application
5	ABHISHEK CHAKLADAR			
6	ABHISHEK EKKA			
7	ADITYA SINHA	3	Arduino based RF transmitter and receiver module	Product
8	AKANSH BISEN			
9	AMAN DUBEY			
10	DEEPESH SIHANI	4	Self Controlled solar power vacuum cleaner robot	Product
11	DENISHA M. GAJBHIYE			
12	DIVYA CHANDRAKAR	5	Real time leaf disease detection	Environment
13	HARSH AGRAWAL			
14	HIMANSHU NAHAK	6	Miniature survillience bot for military services	Application
15	JAYA SAHU			
16	RAHUL AGRAWAL			
17	KIRTI CHOUDHARY	7	IOT Based Hydroponic Monitoring And Controlling System	Industry Based
18	SHIVANI GOUDA			
19	MAYONI KHIRBAT			
20	KHYATI VERMA	8	Body Health Parameters Monitoring Using IoT	Safety
21	KRITIKA SHARMA			
22	MAUSMI MANKUPIYA			
23	DURGA GHIDOREY	9	Neuro fuzzy logic based self diagnosis of health parameters using LabVIEW and remote monitoring	Industry Based
24	EVA SARAH JOHN			
25	ASHMEERA NAWAZ SIDDIQUI			
26	NEERAJ BANNATWALA	10	Industrial Authentication System	Industry Based
27	NIKITA VERMA			
28	PRIYANSHEE SINGH			
29	DEEPIKA JAISWAL	11	Water supply distribution & monitoring in	Environment
30	YOGESH KUMAR			
31	SEEMA			

SL. No	Student name	Group no.	Title of Project	Area of Project(env, safety, ethics, Industry based, product, app, multidisciplinary etc.)
			agriculture field.	
32	NAMRATA TIKARIHA	12	IOT based flood Detection system & Avoidance	Safety
33	ONKAR PATEL			
34	PRAGATI BISHT			
35	AYUSH RAO	13	IOT based smart monitoring vehicle for surveillance	Product
36	BHAVYA VYAS			
37	CHETAN SONI			
38	ATUL KU CHOUDHARY	14	Smart Gesture Identification system to assist visually impaired people	Product
39	AYUSH MOHRIL			
40	SACHET IRAPPA SABARAD	15	IOT Based Real Time Forecasting of Battery Monitoring System For Electric Vehicles	Industry Based
41	SATYAM			
42	RITU DHURWEY	16	Internet of Things (IoT) Based Smart Water Quality Monitoring System	Multidisciplinary
43	SHIVANI DWIVEDI			
44	SHRISTY PAUL			
45	SOUMYA EKKA	17	Arduino based human detection robot using PIR sensor	Safety
46	SUYASH KUMAR AGRAWAL			
47	TANUJA CHURENDRA			
48	SUMIT	18	Gas leakage detector using Arduino and GSM Module with Sound Alert and SMS alert	Industry Based
49	VASIM AHMED			
50	AAYUSHI	19	Smart Greenhouse With UV Light Control	Environment
51	ABHISHEK DEWANGAN			
52	PRACHI AGRAWAL	20	Smart Robot for sanitization and sterilization	Product
53	NEHA SACHDEV			
54	VIKANSHU BORKER	21	Voice controlled notice board using gsm	Product
55	Y SNEHIT			
56	AISHWARYA KHARE			
57	AKANKSHA SRIVASTAVA	22	Covid Preventionary Entrance System	Safety
58	ALISHA MINU SHAJI			
59	ANUBHUTI SHARMA			
60	ANGEL ANNIE BIJU	23	Super Sensitive Intruder Alarm	Industry Based
61	AYUSH NAIK			
62	AYUSH SHUKLA			
63	KIRTEYMAN SINGH RAJPUT	24	CNC plotter machine	Product

SL. No	Student name	Group no.	Title of Project	Area of Project(env, safety, ethics, Industry based, product, app, multidisciplinary etc.)
64	KRITIKA KOUSHAL			
65	VIKRAM SINGH			
66	KAUSHAMBI SHARMA	25	Password Based Circuit Breaker With Gsm Module	Product
67	KUMAR KINSHUK			
68	MAYANK KATHALE			
69	DEEPANSHU CHANDRAVANSHI	26	Dynamic Traffic Light depending on traffic density	Multidisciplinary
70	DEVANSH SINGH			
71	DIVYAJOT KAUR BIRDI			
72	CH YOGESHWAR RAO	27	Effective Fast Response Smart Stick For Blind People	Product
73	DARSHAN KUMAR CHANDRAKAR			
74	DEEPTI KASHYAP			
75	DEEPA KATARE	28	Smart Voice Search Engine	Product
76	YASHVARDHAN SINGH CHAUHAN			
77	EESHNA THAKUR	29	Face mask detection	Safety
78	GAURAV VERMA			
79	K MOUNIKA			
80	HARSHA DUBEY	30	Patient health monitoring system on android phone	Safety
81	HIMANSHU YADAV			
82	JEET DEWANGAN			
83	YOGESH KUMAR	42	IoT based Temperature Monitoring	Environment
84	NEELIKA SINGH	31	Plant disease detection using Tensor flow	Environment
85	NIKITA AGRAWAL			
86	PRADYUMNA PANDEY	32	Electronic Pasport Verification System	Industry Based
87	PURVA AGRAWAL			
88	NIRBHAY KUMAR	33	Voice Controlled Wheelchair	Product
89	P BRAMHAIYA			
90	PRASHANT KUMAR DEWANGAN			
91	SATYAM GOSWAMI	34	GPS Tracker and alcohol detector with engine locking system using GSM	Industry Based
92	RISHABH KUMAR DESHMUKH			
93	SHUBHAM AGRAWAL			
94	SAKSHI NARKHEDE	35	Anti-theft luggage security & thief catching using RF technology, Arduino & taser system	Safety
95	SOUMYA HUNDEKAR			
96	SHREYA SHUKLA	36	IoT Security Applied on Smart Door Lock System	Safety
97	SIMRAT KAUR ANAND			

SL. No	Student name	Group no.	Title of Project	Area of Project(env, safety, ethics, Industry based, product, app, multidisciplinary etc.)
98	SWATI KUMARI	37	Remote Monitoring and Control System for Premature babies	Product
99	T SAISHA			
100	JYOTI CHOUDHARY			
101	SURBHI VERMA	38	IOT based Automatic Gas Leakage Detection and Control System	Industry Based
102	VAIBHAVI MATHUR			
103	VIVEK			
104	BHAWNA WARDE	39	Brain Tumor Detection Using Segmentation and Threshold Operations	Safety
105	ANCHAL LAKRA			
106	VISHAL DEV			
107	DEVIND PATEL	41	RFID based vehicle tracking and toll system	Industry Based
108	TEEKARAM PATEL			

S.No.	Student name	Group no.	Title of Project	Area of Project (env, safety, ethics, Industry based, product, app, multidisciplinary etc.)
1	ANUSHA PANDEY	1	A Report on Modified Steel Tables for I Sections	Civil Engineering
2	ANIKET KUMAR PATEL			
3	KAMNA THAKUR			
4	RESHMA			
5	PEER MUZAMIL NAZIR	2	Analysis of Nagpur Highway Gurudwara Road Intersection	Civil Engineering
6	AMAN PAL VERMA (PR)			
7	PALASH SONI (PR)			
8	YASH GUPTA			
9	RAHUL KUMAR VERMA	3	Design of Canal	Civil Engineering
10	RAHUL KUMAR			
11	SAVYASANCHI BHATT			
12	SHIVANSH KUMAR OJHA			
13	GAURAV JAISWAL	4	Production of Concrete Roofing Tiles Using Rice Husk Ash in Partial Replacement of Cement	Civil Engineering
14	MOHIT AGRAWAL (PR)			
15	AAKANKSHA PURAM			
16	DIKSHA DEWANGAN			
17	DEVWRAT TAMRAKAR	5	Piezoelectric Roads	Civil Engineering
18	VIPUL VERMA			
19	DEV KUMAR			
20	GAURAV PATEL			
21	SRISHTI SONI	6	Low Cost Waste Water Treatment	Civil Engineering
22	PRITHA TIWARI			
23	RISHABH DABHADE			
24	HIMANSHU SHRIVASTAVA (PR)			
25	ANUJ SHARMA	7	Design of Concrete Mix With Fly-Ash & Ceramic Waste	Civil Engineering
26	NEERAJ PAUL			
27	AMIT GUPTA (PR)			
28	DUSHYANT NAG			
29	PRASHANT SHARMA	8	Use of Bamboo As Reinforcing Material : Case Study	Civil Engineering
30	RIYA JHA			
31	PRATIBHA KERPAL			
32	PRERNA			
33	HRISHABH SINGH PARIHAR	9	Sustainable Transformation In Engineering Methods For Future Homes	Civil Engineering
34	MEHOOL UKE			
35	NAVDEEP SINGH BHATIA			
36	DIVYANSH JAGTAP			
37	RAHUL SHARMA	10	Glass Fibre Reinforced Concrete	Civil Engineering
38	KUNAL SIMANKAR (PR)			
39	RAGHAV GARG (PR)			
40	DEVVRAT SINGH			
41	AMAN RAHI	11	Use of Plastic Waste In Construction of Flexible Pavement – A Creative And Sustainable Waste Management	Civil Engineering
42	AMAN SHEIKH			
43	ANSHIKA SINGH			
44	BHAWNA SINHA			
45	NEERAJ YADAV	12	Advanced High-Performance Materials	Civil Engineering
46	MOHAMMAD SIBTAIN SHEIKH			
47	LOKENDRA KUMAR SAHU			
48	NIKHIL PRASAD SAHU			
49	UPKAR PATEL	13	To Examine the Effects of Different Types of Water on Characteristics Properties of Concrete	Civil Engineering
50	SHASHIKANT PATEL			
51	SHUBHAM SINGH MARKAM			
52	SAMRUDH SAMARTH			
53	AMIT KUMAR	14	Comparative Analysis of The Compressive Strength of Stone and Burnt Brick as Coarse Aggregate	Civil Engineering
54	DIKSHA YADU			
55	KASHISH KULDEEP			
56	PRAMOD KUMAR BHANDARI			

S.No.	Student name	Group no.	Title of Project	Area of Project (env, safety, ethics, Industry based, product, app, multidisciplinary etc.)
57	UDIT SONI	15	Case Study: Mainpat, Chhattisgarh	Civil Engineering
58	KRISHNA KANT KHARSAN			
59	SUMAN VASTRAKAR			
60	VIDYA VERMA			
61	AMAN AGRAWAL	16	Different Type of Crack With Their Prevention and Reapairing Methodology of Concrete Structure	Civil Engineering
62	TEJASH SINGH YADAV			
63	NIKHILESH BARADIA (PR)			
64	SAMVEG LOHIYA (PR)	17	3D Printing in Construction	Civil Engineering
65	SAGAR KASTURE			
66	POOJA EKKA			
67	HIMANSHU TANDAN			
68	ROHIT KUMAR	18	Traffic Analysis at Road Intersection in Supela Chowk	Civil Engineering
69	RISHABH THAKUR			
70	RAVI GUPTA			
71	YOGESH VERMA			
72	RAJEEV DEWANGAN			

S.No	Student Name	Group No.	Title of project	Area of Project t(env, safety, ethics, Industry based, product, app, multidisciplinary
1	Siddharth Meshram	1	Expanding a web service that allows hostellers to buy, sell, borrow and lend essential items.	Web Development
2	Vishal Ekka			
3	Prabhat Raj			
4	Anuj Ekka	2	Quarterly Information System for Non-Academic and Academic Activities	Application
5	Aashish Prasad			
6	Shweta Nikunj	3	Voice Based Mail System	Application
7	Kumud Singh Porte			
8	Sanskar jain	4	Alumni for freshers	Application
9	Aakash kumar sahu			
10	Shoiab alam			
11	SHIVANI RAI	5	Stray Animal Protection and Adoption Portal	Product
12	SANJAY SINGH BHANDARI			
13	JITESH KUMAR			
14	AARYA BAGHEL	6	Online Voting System with Biometric Authentication	Application
15	Yash Pamnani	7	HelpOut (An Android App)	Product
16	Ashutosh Abhishek Toppo	8	Android Location Service App	Application
17	Ravindra Minj			
18	Suyash Ganveer			
19	Aditi Mehar	9	Automated Academic Project Approval and Tracking System.	Application
20	Himanshi Metta			
21	Yash Agrawal			
22	Abhinanda Sar	10	Modern & Traditional ways to cope up with lockdown situation	Application
23	Jaspreet Kaur			
24	Akash Kumar	11	Implementation of Bicycle Renting Service with secure payment gateway in web.	Application
25	Md. Zainul Haque			
26	Ujjawal Dewangan			
27	Gauri Saraswat	12	Face Detection based Attendences System with email facility	Application
28	Shreyas Khangan			
29	Shivani Shukla			
30	Divyanshu Gupta	13	Mobile app to answer query of human being in all fields.	Application
31	Himanshu Lahare			
32	Ashish Khare			
33	Hemraj	14	Online Electronic Easy repair	Hardware
34	Sumit Khandel			
35	Vidyabhusan Kurre			
36	SWATI SINHA	15	Face Recognition	Application
37	KANKASHA NAIJ			
38	Amit Kumar	16	Image captioning using Deep Learning Techniques	Application
39	Ravi Kumar			
40	Vivek Ranjan			
41	Pranjalya Tiwari	17	Chess Bot - A self-learning bot using Reinforcement Learning	Product
42	Akash Verma	18	Doctor's Appointment Scheduler with IVR & Chatbot	Application
43	Aman Kumar Verma			
44	Shriya Dewangan			
45	PRAKHAR YADAV	19	Data Processing & Analysis	Application
46	RAM KUMAR			
47	RAMESH SINGH			
48	Himanshu	20	OpenCV Python program for Vehicle detection in a Video frame	Application
49	Sourabh Agrawal			
50	Praveen Singh			
51	Medha Shrivastava	21	Leaf disease detection	Application
52	Soniya Agrawal			
53	O Lalita			
54	AKASH SAHU	22	Classification of Messages into Spam and Ham by Identifying Sentiments of Messages	Research
55	AVIUM SAXENA			
56	AYUSH JADHAV			

S.No	Student Name	Group No.	Title of project	Area of Project t(env, safety, ethics, Industry based, product, app, multidisciplinary
57	Aakanksha Dhurandhar	23	The Perfect Profile	Application
58	Ayushi Gupta			
59	SUPRIYA AHIR	24	Smart Self Help Group	Application
60	HEMASHREE SHRIVASTAVA			
61	Surya Kant Sahu	25	Large Scale Session-based Recommendation with Transformers	Research
62	Shalini Sidar	26	Hospital Management System (using Android)	Application
63	Shweta			
64	Aakanksha Pandey	27	Social Distancing Detector using Machine Learning and Computer Vision	Product
65	Yukta Pradhan			
66	Y SAI SUVARNA	28	Image Steganography	Application
67	SHILPA SHAHU			
68	Jaikishan Dhurve	29	Android application for student attendance	Application
69	Pawan Gupta			
70	Pratham Thawait			
71	GOURI SINGH	30	College Space	Application
72	HONEY MAKHIJA			
73	PRATIBHA THAKUR			
74	Akshat Joshi	31	Location Alarm	Hardware
75	Amogh Tiwari			
76	Ashutosh Gupta			
77	Shriyash Karnik	32	Make It Easy #Padhai (E-learning platform) Module-1	Product
78	Vinay Mishra			
79	Manas Sharma	33	Make It Easy #Padhai (E-learning platform) Module-2	Product
80	Mohit Dhamejani			
81	SHUBHAM KUMAR	34	Students eFeedback System	Application
82	Riya Elwadhi	35	Web Portal for students in terms of academic and general awareness.	Web Development
83	DIKSHA NAGPAL	36	Face Mask Detector	Application
84	SHIROMI DAVE			
85	SHLOKA JAIN			
86	Anju Lata Kashyap	37	VIBECHAT Social Networking Site	Product
87	Divya Thakur			
88	Garima Mandal			
89	Anju Bhagat	38	Quora for BIT	Application
90	Dikeshwari Verma			
91	Shivani Satone			
92	Devansh Doshi	39	Attendance Assistance	Application
93	Prabhakar Shukla			
94	Saagar Raj Tiwari			
95	Diwakar Shukla	40	Stand alone system for A Voice to Sign Language Convertor for the deaf	Product
96	Mrinal Bhattacharya			
97	Nipun Taunk			
98	Samyak Chopra	41	An Android Application for Virtual Assimilation, Approval & Advancement of	Application
99	Shreesh Kesharwani			
100	VINAY KUMAR VERMA	42	Reconnaissance Engine Framework	Application
101	J Raag Naidu	43	VIRTUAL REALITY PLATFORM FOR LABORATORY EXPERIMENTS	Application
102	Mohammad Faizan Azim			
103	Domeshwar Ram	44	Online Service Management System	Application
104	Md Ajaz Ansari			
105	Akash Thakur			
106	AYUSH SUDHAKAR	45	Android app to manage screenshots and convert them into notes	Application
107	VARDHMAN ANAND UIKEY			
108	PRIYANSHU KUMBHKAR			
109	Dani Kumar Thakur	46	ScrapZone : Sell your scrap items easily	Application
110	Samyak Jain			
111	Shitij Rai			
112	AYUSH GANVIR	47	A simple E-commerce Website	Web Development
113	KartikeyDubey			
114	DIVYANSH KUMAR			
115	Harjinder Singh Alreja	48	An E-commerce site for rental cars using Bootstrap and MySql	Web Development
116	Jaideep Dutta			
117	S.Siddharth			
118	Sharad Kumar Shrivas	49	Website Transforming Disabled Life	Application

S.No	Student Name	Group No.	Title of project	Area of Project t(env, safety, ethics, Industry based, product, app, multidisciplinary
119	Priyanka Ekka	50	Service Provider Directory	Application
120	Tejashvani Thakur			
121	Uwais Nihal			
122	Chinmay Bokade	51	Air gesture recognition using computer vision	Product
123	Vivek Sharma			
124	Brijesh Kumar Sahu	52	Website to suggest best crop for land	Web Development
125	Shivam Suri	53	Covid-19 Mask Detector	Application
126	Soumitra Pande			
127	Dev narayan	54	E-commerce market for Old and New Books	Web Development
128	Saksham Dubey	55	Virtual BIT	Application
129	Shiv Shankar Vats			
130	Siddhesh Sharma			
131	Jayant sharma	56	Job Portal- An application Portal for underprivileged individuals to find Work	Application
132	Nishant Celstion Tirkey	57	IOT Based Water Level Monitoring System	Hardware

Bhilai Institute of Technology ,Durg

Department of Electrical Engineering

List of B. Tech Final Year Project 2020-2021

1.3.4 (Percentage of students undertaking student projects(final Yr))

S. No.	Name of Student	Group no.	Title of Project	Area of Project(env, safety, ethics, Industry based, product, app, multidisciplinary etc.)
1	Prachi Maheshwari	1	Power Grid Monitoring using IOT	Industry based (Power system)
2	K.Revati			
3	Ritu Sahu			
4	Sushant Poddar	2	Load Forecasting Using Python And Machine Learning	Industry based (Power system)
5	Yogesh Kumar Verma			
6	Vikrant Madhariya			
7	Sachin Barle			
8	Shivanjal Sharma	3	Battery Based Hybrid Stand Alone Solar Inverter	Industry based (Renewable Energy)
9	Swarnim Singh			
10	Sachin Gautam			
11	Saurabh Tripathi			
12	Vartika Dewangan	4	Control and Monitoring of Solar Panel generated energy using LabVIEW	Industry based (Renewable Energy)
13	Siddhant Nayak			
14	Shweta Sahu			
15	Shrawanti Shukla	5	Solar Panel condition monitoring system	Industry based (Renewable Energy)
16	Nitya Rajput			
17	Rashmi			
18	Ritik Agrawal	6	Design and Development of a Real Time Battery Monitoring System With Data Acquisition System Based on IOT	Industry based (Renewable Energy)
19	Rishabh Upadhyay			
20	Arjit Dubey			
21	Bholeshwar Kumar Gangele	7	Vortex Bladeless Wind Turbine	Industry based (Renewable Energy)
22	Bhavesh Gahire			
23	Bhupesh Kumar Medihare			
24	Chandraprakash Tandan			
25	Shruti Sahu	8	Solar Tracking System with Automatic Panel Cleaning Mechanism	Industry based (Renewable Energy)
26	Tejaswini Singh Painkra			
27	Tripti Bhuarya			
28	Jaisica Anjelin Beck			
29	Prakhar Kumar Chandravanshi	9	Comprehensive Analysis on various parameters of vegetable oil mixtures as used in Transformer	Electrical Materials
30	Kunal			
31	Krishnakant Mandavi			
32	Daizy Rani			
33	Pradyumn Agrawal	10	Solar Panel condition monitoring system	Industry based (Renewable Energy)
34	Jaideep Rao			
35	Aman Rathore			

S. No.	Name of Student	Group no.	Title of Project	Area of Project(env, safety, ethics, Industry based, product, app, multidisciplinary etc.)
36	Shivam Gupta			
37	Suraj Sah	11	DesignAnd Development Of Cost Effective Numeric Relay Using Arduino	Industry based (Power system protection)
38	Rupesh Bhandari			
39	Leeladhar Gupta			
40	Ayushya Choudhary			
41	Simran Jaiswal	12	Automation switching system for industrial automation using microcontroller in repetitive nature of work	Industry based (Automation)
42	Bhavna Tiwari			
43	Shagufta Shahin			
44	Namrata Manikpuri			
45	Bhavana Banchhor	13	7 level inverter	Industry based (Power Electronics)
46	Archana Sahu			
47	Babita Prasad			
48	Arya Sahu	14	Power monitoring and theft detection using IoT	Industry based (Power system)
49	Jaspreet Kaur Saluja			
50	Ishita Shrivastava			
51	Itesh Meshram			
52	Rashmee Thakur	15	Design of self switching power supply	Industry based (Automation)
53	Kirti Tirkey			
54	Piyusha			
55	Juhi Bhardwaj			
56	Animesh Borker	16	Face detection based D.C motor	Industry based (Electrical Machines)
57	Animesh Kand			
58	Rishabh Singh			
59	Jai Khemani			
60	Abhiskek Lakra	17	Speed Control Of Brushless Dc Motor	Industry based (Electrical Machines)
61	Aditya Goel			
62	Sakshi			
63	Hemlata Bharti			
64	Kalpana Soni	18	Ro-generator	Industry based (Electrical Machines)
65	Manish Pradhan			
66	Bhupendra Ratre			

DrAnupama P Huddar
Prof. & Head

Dr Nagendra Tripathi
Prof. I/c Student Project

Bhilai Institute of Technology ,Durg
Department of Electrical & Electronics Engineering
List of B. Tech Final Year Project 2020-2021
1.3.4 (Percentage of students undertaking student projects(final Yr))

S. No.	Name of Student	Group No.	Title of Project	Area of Project
1	DEEPIKA SHARMA	1	Assistance to Isolated Covid Patients Using Pill Dispenser	Digital Signal Processing & Communication System
2	NIKITA CHOUHAN			Digital Signal Processing & Communication System
3	PREKSHA SAHU			Digital Signal Processing & Communication System
4	RAJEEV RANJAN NAYAK			Digital Signal Processing & Communication System
5	SURAJ PRAKASH			Digital Signal Processing & Communication System
6	AASHAY SIMON BENJAMIN	2	Denoising and Feature Extraction of ECG Signal Using MATLAB	Digital Signal Processing
7	HIRAK ROY			Digital Signal Processing
8	SAMARTH CHANDRAKAR			Digital Signal Processing
9	SHOAIB ANSARI			Digital Signal Processing
10	AYUSH CHANDRAKAR			Digital Signal Processing
11	R. MAHESHWARI	3	Fuzzy Logic Based Automatic Power Factor Correction For Predefined Load	Optimization Techniques Fuzzy Logic
12	SHARON MARY SHAJI			Optimization Techniques Fuzzy Logic
13	SHEFALI SAHA			Optimization Techniques Fuzzy Logic
14	SHIKHI SOLANKI			Optimization Techniques Fuzzy Logic
15	RAJNI	4	Heart Rate Monitor Using Average of Two Fingertip Sensors With Graphical ECG Record	Analog & Digital Electronics, Communication System
16	SURVESH CHINCHOLKAR			Analog & Digital Electronics, Communication System
17	SURYADEV MARAVI			Analog & Digital Electronics, Communication System
18	VIKASH KUMAR			Analog & Digital Electronics, Communication System
19	DHEERAJ DUBEY			Analog & Digital Electronics, Communication System
20	MANEET KUMAR	5	Laser Security System	Automation
21	TANISHA GUPTA			Automation
22	VIKAS JANGDE			Automation
23	VINITA NAYAK			Automation
24	AADESH SINGH YADAV			Automation
25	ANUSHKA JAISWAL	6	Remote Monitoring of a Transformer	Modeling of Electrical Machines
26	JOSYULA SAI BHARATI			Modeling of Electrical

S. No.	Name of Student	Group No.	Title of Project	Area of Project
				Machines
27	KHUSHBOO DAS VAISHNAV			Modeling of Electrical Machines
28	KIRTI WAGHADE			Modeling of Electrical Machines
29	AMAN RANJAN RAJA	7	Solar Panel Tracking & Monitoring	Non Conventional Energy Sources
30	ANANYA SHARMA			Non Conventional Energy Sources
31	ANKIT BHUARYA			Non Conventional Energy Sources
32	BHANU PRATAP SINGH			Non Conventional Energy Sources
33	ANKIT TEMBHURKAR	8	Solar Tracker Without Microcontroller	Non Conventional Energy Sources
34	NEERAJ KU DWIVEDI			Non Conventional Energy Sources
35	PRAVIN KUMAR AMDE			Non Conventional Energy Sources
36	JYOTI NIRMALKAR			Non Conventional Energy Sources
37	JYOTI			Non Conventional Energy Sources
38	DEVANSHU BARSA	9	Solid Waste Management By Biomethanation	Non Conventional Energy Sources
39	J RAHUL			Non Conventional Energy Sources
40	MD SADIQUE RAZA			Non Conventional Energy Sources
41	NEMISH NARAYAN PATEL			Non Conventional Energy Sources
42	Sudhanshu Kodopi			Non Conventional Energy Sources
43	BAL KRISHNA DWIVEDI	10	Three Phase Induction Motor Protection From Single Phasing & Over Heating	System Automation
44	CENTURI KHANDE			System Automation
45	HEMANT KUMAR BARLE			System Automation
46	HIMANSHI RAJPUT			System Automation
47	KULDEEP BANJARE			System Automation
48	AKASH KUMAR VERMA	11	Water Level & Turbidity Monitoring System	Instrumentation
49	AKASH SAHU			Instrumentation
50	ASMITA BISWAS			Instrumentation
51	FARZ KUMAR DESHMUKH			Instrumentation
52	OMESH KUMAR			Instrumentation

S.No.	Student Name	Group Number	Title of Project	Area of Project
1	KALPANA BANJARE	1	Smart Farm Monitoring System	Information Technology
2	PRIYA PRAKASH			
3	ROSHINI AGRAWAL			
4	SRIJAN SHARMA	2	Web Intrusion Mitigation System	Information Technology
5	SOHAIL MEMON			
6	S SALMAN			
7	BUDI AYUSH NARAYAN MURTY			
8	RUCHIKA SHARMA	3	Face Mask Detection System	Information Technology
9	SWATI VERMA			
10	POOJA SINGH			
11	MILI PANDEY			
12	POOJA VERMA	4	Data Analytics for Customer Insights Using R	Information Technology
13	RITIKA TOLANI			
14	HARSH SONWANI	5	Odd Even System Using Vehicle Number Plate Detection	Information Technology
15	MAHENDRA PATEL			
16	DEEXA MESHRAM	6	Medilocker	Information Technology
17	PANKAJ MANIKPURI	7	Digital Examination System Website	Information Technology
18	RITESH VERMA			
19	MUSKAN VERMA	8	Online Pharmacy	Information Technology
20	VIBHUTI TIKARIHA			
21	AISHWARYA NAIK	9	Smart Attendance System	Information Technology
22	AKASH KUMAR MISHRA			
23	MANSI MUNDHRA			
24	NIHAL KUMAR	10	Apppointment Scheduling App With Chatbot	Information Technology
25	SRIJAN KARMAHE			
26	PREETI BAGHEL	11	Hindi Spelling Correction	Information Technology
27	RIYA PATHAK			
28	ANJALI SAGAR JANGDE			
29	OMPRAKASH NAYAK	12	Agroworld 2.0	Information Technology
30	SAYAN BAGCHI			
31	KRISHNA KANT			
32	ATINDER PAL SINGH	13	Self-Driving Car Using Udacity's Car Simulator Environment	Information Technology
33	ABHISHEK BAGARTI			
34	RAHUL SINHA			
35	AMIT KUMAR *	14	Hospital Management System	Information Technology
36	ISHANT RAJ KASHYAP			
37	AKHILESH KUMAR SONWANI *			
38	ANURAG SHARMA	15	Hindi Article Categories Classification	Information Technology
39	NAYAN RAUT			
40	SHUBHAM YADAV			
41	KRITI A. AJWANI			
42	SIMRAN KHIRBAT			
43	AARTI SAHU	16	Real Time Flod Monitoring System	Information Technology
44	AKRITI NIGAM			
45	NAILA NAUSIN			
46	ANKITA GUPTA	17	Online Job Portal Management System	Information Technology
47	AYUSHI GUPTA			
48	KUNICA GUPTA			
49	GARGI SAHU	18	Automatic Text Summarization In Hindi	Information Technology
50	GARIMA JOSHI			
51	DHARINEE CHANDRAKAR			

S.No.	Student Name	Group Number	Title of Project	Area of Project
52	DHANESHWARI	19	Notice Board System	Information Technology
53	NEELESH CHURENDRA			
54	ASHUTOSH AGRAWAL	20	Face Expression Detection System	Information Technology
55	GUNJAN KUMAR			
56	MANISH LAUTRE			
57	SANDESH AGRAWAL			

S. No.	Name of Student	Group No.	Title of the Project	Area of Project
1	HARSHIT SHRIVASTAVA	1	Densification of rice husk and paddy for Energy generation	THERMAL ENGINNERING
2	MANSI DESHMUKH			
3	ALOK KUMAR			
4	RAHUL MAHAJAN			
5	SHUBHAM BAJPAI	2	Simulation of Pressure Differences in multistaged flow tesla One Way Valve	THERMAL ENGINNERING
6	SHUBHAM SAHU			
7	SURYAKANT SAHU			
8	T.GIRISH			
9	SIDDHARTH SINGH	3	Design of Multipurpose All Terrain vehicle	THERMAL ENGINNERING
10	MOHAMMAD ABID KHAN			
11	JYOTSNA GUPTA			
12	SHEETAL MINJ			
13	ABHISHEK JOSHI	4	Dual axis sun solar tracker using LDR sensor for increasing efficiency of solar panel	THERMAL ENGINNERING
14	ABHAY DAS			
15	ANSHU KUMAR JHA			
16	SATYARTH PANDEY			
17	OMPRAKASH MANKAR	5	Conical Continuously Variable Transmission (Cvt)	THERMAL ENGINNERING
18	HEMANT KUMAR THAKUR			
19	ABHISEK AWASTHI			
20	HIMANSHU GILHARE			
21	SHIKHAR SINGH BAGHEL	6	Design and Analysis of Sliding Ram by using Gear Based Quick Return Mechanism	THERMAL ENGINNERING
22	SAURABH SINGH THAKUR			
23	SAURABH GAJBHIYE			
24	PANKAJ KUMAR DHRUW			
25	RUDRA DEV TIWARI	7	Design of special purpose machine for combination machining.	THERMAL ENGINNERING
26	CHETAN KUMAR SAHU			
27	VIKAS KUMAR DWIVEDI			
28	T PHANEENDRA			
29	ADITYA MALVIYA	8	Design and analysis of car chasis	THERMAL ENGINNERING
30	AMAN NAHATA			
31	BHARAT KASHYAP			
32	KESHAV DHRITLEHRE			
33	HARSH VARDHAN SINGH	9	Plastic Cleanup in water bodies	THERMAL ENGINNERING
34	ABHISHEK MEHTA			
35	ANKIT RAJ			
36	MILIND SHARMA			
37	DOLLY NISHAD	10	Design and analysis of pneumatic Robotic Arm	THERMAL ENGINNERING
38	GAURAV ROY CHOUDHURY			
39	PRATEEK PATHAK			
40	PURUSOTTAM AJAY KUMAR			
41	PRATIK ADHIKARI	11	Backup Compressor For Two &	THERMAL
42	MAHENDRA KUMAR KAMDE			

S. No.	Name of Student	Group No.	Title of the Project	Area of Project
43	KHEER SAGAR PATEL	11	Four Wheel Vehicle	ENGINNERING
44	CHHABI KUMAR DHRUW			
45	DIVYANSHU LUNKAD	12	Analysis of single point cutting tool using ansys	THERMAL ENGINNERING
46	DEEPENDRA SINGH KUSHWAHA			
47	SANSKRITI DUBEY			
48	JENY TIRKEY			
49	PREYASH PANDEY	13	Cost Optimization of Mechanical ven	DESIGN
50	PRANSHUL GUPTA			
51	RAJ TAMRAKAR			
52	HASNAIN RAHMAN			
53	ADITYA	14	Foot Step Electric Converter Device	DESIGN
54	RISHABH MARATHE			
55	KUNAL KUMAR SINGH			
56	ANUGRAH PANDEY			
57	VIVEK GAHARWAL	15	Modeling & Analysis of the Crankshaft Using Ansys Software	DESIGN
58	TARUN KUMAR DEWANGAN			
59	PRANJAL CHANDRAKAR			
60	VIKASH SAHU	16	360 Degree Steering Wheel Rotation	DESIGN
61	VISHESH KASHYAP			
62	VIKAS BARLA			
63	DANISH AHMED	17	Design and analysis of Wheel Rim	DESIGN
64	YOGENDRA KUMBHKAR			
65	LILESH PATEL			
66	BHANU PRAKASH JOGWANSHI			
67	ANUJ PRABHAKAR	18	Study of depth of penetration by using different kinds of flux via TIG welding	DESIGN
68	AMAN VERMA			
69	ASHISH KUMAR			
70	YOGESH TANDON	19	Solenoid engine for applying mechanical force to valve	DESIGN
71	AKHIL TANDAY			
72	SANJAY SUNA			
73	RUPESH KUMAR KOMRA			
74	SANDHYA KASHYAP	20	A design of three wheel stair walker	DESIGN
75	KUMUD CHURENDRA(F)			
76	ABHISHEK TIWARI	21	Analysis of IC Engine Fin for effective cooling performance	DESIGN
77	VINAY CHANDRA			
78	PREMSHANKAR SAHU			
79	SIBU TIKARIHA			
80	AARUSH INGOLE	22	Analysis of wind turbine inspired turbine rotating due to the weight of its own blade	DESIGN
81	ADITYA BISEN			
82	SHASHANK SHUKLA			
83	SUMIT SARKAR			
84	KRISHNA KANT SHARMA	23	Solar Cooking by using phase change material	DESIGN
85	NIKHIL VERMA			
86	RISHI KANT CHOUDHARY			
87	ROHAN KUMAR NIRMALKAR			
88	ANANY DUBEY	24	Design and fabrication of CAM Operated hammer	DESIGN
89	FAIZAN KHAN			
90	VIKALP GUPTA			
91	SHIVAM SINGH			
92	SAKET KUMAR SHUKLA	25	POWER GENERATION FROM RAILWAY TRACK VIA WHEEL FLANGE	PRODUCTION
93	RAMKISHAN SAHU			
94	YOGESHWAR MARKAM			

S. No.	Name of Student	Group No.	Title of the Project	Area of Project
95	RUPESH CHANDRAKAR		⊥LANGE	
96	YUGAL KISHOR DHRUW	26	FABRICATION OF ADJUSTABLE STRETCHER	PRODUCTION
97	PRASHANT MEHAR			
98	DIVYANSH SAHU			
99	AMIT KUMAR SINGH			
100	AJEET YADAV	27	Application of Linked Braking System in handicapped tricycle	PRODUCTION
101	PRABHU AGRAWAL			
102	RAHUL PATEL			
103	NIKHIL SINGH THAKUR			
104	VIKAS KUMAR GAYAKWAD	28	Study and Fabrication of Dual Axis Solar Tracking System	PRODUCTION
105	RAHUL KUMAR GUPTA			
106	BHUSHAN LAL PATIL			
107	MOHAMMED DANISH PARVEZ			
108	AVINASH SINGH KANWAR	29	Performance optimization of radiator fan design using computational fluid dynamics	PRODUCTION
109	SHUBHAM RAI			
110	RAVISHANKAR KUMAR			
111	SAURABH SINHA			
112	UMESH KUMAR HIDKO	30	Biomass Energy Base Co-Generation System	PRODUCTION
113	ASHISH DEWANGAN			
114	SATISH KUMAR			
115	AMAN SHUKLA			
116	DEVANSHU PATEL	31	DESIGN AND OPTIMIZATION OF BIKE CHASSIS	PRODUCTION
117	SHANTANU NAYAK			
118	AVINASH SHREY			
119	PREETI SHORI			
120	AVINASH SHREY	32	Regenerative Breaking System	PRODUCTION
121	PREETI SHORI			
122	ANMOL SINGH RANA	33	Design and Analysis of Microjet Impeller	PRODUCTION
123	MAYANK TONDON			
124	BRIJESH KUMAR SAHU			
125	ABHISHEK TOPPO			
126	ADITYA SINGH	34	Comparison between Solenoid and electric Engine	PRODUCTION
127	RISHABH JAISWAL			
128	SAMEER OJHA			
129	NAMAN GUPTA			
130	VIRASAT MISHRA *	35	To study effects of Implementation of FGD units for sox nox and Carbon removal from flue gas	PRODUCTION
131	HIMANSHU KOUSHAL			
132	NIVESH CHANDRAKR			
133	VIPIN RATRE			
134	SAURABH KUMAR SINGH			

Bhilai Institute of Technology ,Durg

Department of Computer Science & Engineering

List of M. Tech Data Science Final Year Project 2022-23

1.3.4 (Percentage of students undertaking student projects(final Yr))

Sl. No	Name of Student	Name of Topic	Area of Research
1	SUMEDHA RISHABH SHINDE	Tourist Recommendation System based on Modified Slope one Algorithm	Machine Learning
2	AVANI BHATIA	A Predictive Framework for Proactive retention Strategies in Telecom Industry	Machine Learning
3	TANYA GUPTA	Intrusion Detection System Using Machine Learning	Machine Learning
4	ANMOL CHAURE	Classification of Essential Oil Components in the context of anti-microbial properties using Quantum Machine Learning	Machine Learning
5	HARISH KUMAR	Anomaly Detection in Brain Tumor MRI	Deep Learning & Machine Learning

Coordinator (M. Tech.)   **Dr. Sunita Soni**

                                                             HOD (CSE)

DEPARTMENT OF MECHANICAL ENGINEERING
BHILAI INSTITUTE OF TECHNOLOGY, DURG

M.Tech 4th Production
Major Project List 2021-2022

Sl. No	Name of Student	Name of Topic	Area of Research
1	Yashwant Sahu	Application of Taguchi Optimization in Lathe Tool Cutting Operation using Ansys software	Production
2	Laxmikant Patil	Finite Element Analysis of Role chock for two high rolling mill-A Case Study	Production

Dr. Mukesh Dubey

Coordinator (M. Tech.)

Dr. Shiena Shekhar

HOD (Mechanical)

S.No.	Student name	Title of Project	Area of Project (env, safety, ethics, Industry based, product, app, multidisciplinary etc.)
1	YOGENDRA KUMAR SAHU	Study of Re-Establishment of Natural Ecosystem And Rejuvenation of Raipur City Lake, Chhattisgarh (India)"	Environment Based
2	SHWETA VERMA	Study of Removal of Heavy Metal By Electrocoagulation Process in The Treatment of Sugar Industrial Waste Water	Environment Based
3	ROHAN SINGH	Not Decided	-
4	PRACHI RAI	Utilisation of Low Density Polyethylene Waste in Manufacture of Paver Block	Environment Based
5	SANDEEP KUMAR TIWARI	Organic Manure Production Under Field Conditions : Using Vermicomposting and Using Decomposer	Environment Based
6	SRILAKSHMI TIWARI	Post Harvest Soil Properties After Horticulture : Comparative Study Using Organic Fertilizer, Inorganic Fertilizer and Standard Soil	Environment Based
7	NANDKISHORE DADSENA	Study of Effectiveness of Rainwater Harvesting (Eri Method) For Water Conservation In Urban Areas	Environment Based
8	TULESHWAR CHOUDHARY	Utilisation of Rap With Plastic Waste As Road Pavement Material In Flexible Pavement Using Hma Technique	Environment Based
9	KIRAN JANGHEL	Study The Effect of Vehicular Servicing and Control Techniques on Exhaust Emission At Siltara Raipur	Environment Based
10	GAUTAM PURI	Not Decided	-
11	DEEPSHIKHA BASU ROY	A Study of The Method of Flue Gas Desulphurization Process to be Adopted for Sox Emission Reduction In 250 Mw Thermal Power Station of Chhattisgarh Power Generation Company Limited	Environment Based
12	SUNIL KUMAR SINGH	A Study of Safe Disposal of Bm Liquid Waste From The District Hospital and Health Centre in Raipur Division	Environment Based

Bhilai Institute of Technology ,Durg
Department of Civil Engineering
List of M.Tech (Environmental Science and Engineering) (PT) Final Year Project
1.3.4 (Percentage of students undertaking student projects(final Yr))

S.No.	Student name	Title of Project	Area of Project (env, safety, ethics, Industry based, product, app, multidisciplinary etc.)
1	YOGENDRA KUMAR SAHU	Study of Re-Establishment of Natural Ecosystem and Rejuvenation of Raipur City Lake, Chhattisgarh (INDIA)	Environment Based
2	SHWETA VERMA	Study of Removal of Heavy Metal by Electrocoagulation Process in the Treatment of Sugar Industrial Waste Water	Environment Based
3	ROHAN SINGH	not decided	-
4	PRACHI RAI	Utilisation of Low Density Polyethylene Waste in Manufacture of Paver Block	Environment Based
5	SANDEEP KUMAR TIWARI	Organic Manure Production Under Field Conditions : Using Vermicomposting and Using Decomposer	Environment Based
6	SRILAKSHMI TIWARI	Post Harvest Soil Properties after Horticulture : Comparative Study Using Organic Fertilizer, Inorganic Fertilizer and Standard Soil	Environment Based
7	NANDKISHORE DADSENA	Study of Effectiveness of Rainwater Harvesting (ERI Method) for Water Conservation in Urban Areas	Environment Based
8	TULESHWAR CHOUDHARY	Utilisation of RAP with plastic waste as road pavement material in flexible pavement using HMA technique	Environment Based
9	KIRAN JANGHEL	Study The Effect of Vehicular Servicing and Control Techniques on Exhaust Emission at Siltara Raipur	Environment Based
10	GAUTAM PURI	not decided	-
11	DEEPSHIKHA BASU ROY	A Study of The Method of Flue Gas Desulphurization Process to be Adopted for Sox Emission Reduction In 250 Mw Thermal Power Station of Chhattisgarh Power Generation Company Limited	Environment Based
12	SUNIL KUMAR SINGH	A study of safe disposal of BM liquid waste from the district hospital and health centre in Raipur division	Environment Based

Bhilai Institute of Technology ,Durg
Department of Information Technology
List of M.Tech (e Security) Final Year Project
1.3.4 (Percentage of students undertaking student projects(final Yr))

Major Project List 2021-2022

Sl. No	Name of Student	Name of Topic	Area of Research
1	SARU CHANDRAKAR	Comparison of Authentication Techniques	Network Security

Mr.Vikas Pandey   **Dr. Ani Thomas**

Coordinator (M. Tech.)   **HOD (I.T)**

BHILAI INSTITUTE OF TECHNOLOGY, DURG

Department of Electronics & Telecommunication Engineering

B.Voc Level 7, Semester-II. Electronics Manufacturing Services

Project Work 2022-2023

S.No	URN	Name of Student	Project Title
1	800110219001	Govind Kumar Sapha	Automatic water plant system
2	800110219002	Kaushal Kumar	Street light control
3	800110219003	Kaushlendra Kumar	Biodirectional Visitor Counter
4	800110219004	Lekhram Nirmalkar	Real Time LPG Monitoring System
5	800110219007	Thaneswar Sahu	Measure distance with the help of ultrasonic sensor

B. Voc. Project I/C: **H.O.D (ETC)**

Prof. R. M. Potdar   **Dr. Naveen Kumar Dewangan**

Prof. Neha Singh