

CYCLE 1

AQAR 2023-2024

SUPPORTING DOCUMENT

Q.I.F Criteria: 1.3.2.1

Dumka Engineering College

SSR for NAAC

1.3.2.1

**Number of courses that include
experiential learning through project
work/field
work/internship year-wise during last
five years**



Dumka Engineering College

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Syllabus for B.Tech. 7th & 8th semester structure with effect from academic year 2018-19

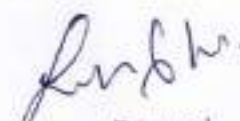
Semester -VII

Branch: Civil Engineering

S.N.	Code	Course Title	Lecture	Tutorial	Practical	Credits
1	CEC701	Advanced Steel Design	3	0	0	3
2	PEC-III	Professional Elective -III	3	0	0	3
3	PEC-IV	Professional Elective -IV	3	0	0	3
4	OEC III	Open Elective -III	3	0	0	3
5	OEC IV	Open Elective -IV	3	0	0	3
6	CE701P	Advance Steel Str . DETAILING	0	0	2	1
7	CE702D	Project-I	0	0	4	2
8	CE703I	Internship Assessment	0	0	2	2
Total credits						20

Code	Professional Elective-III (Any one)	Code	Professional Elective-IV (Any one)
CEP702	Hydraulic Structures	CEP707	Construction Planning And Management
CEP703	Composite Materials	CEP708	Industrial waste treatment
CEP704	Prestressed Concrete	CEP709	Sustainable Construction Methods
CEP705	Ground Water Hydrology	CEP710	Elements of fluvial hydraulics
CEP706	Earthquake Engineering	CEP711	Railway Engineering

Code	Open Elective-III (Any one)	Code	Open Elective-IV (Any one)
CEO712	Reliability Engineering	CEO717	Basics of computational hydraulics
CEO713	Geographical Information System	CEO718	Urban Hydrology and Hydraulics
CEO714	Quality Control and Management	CEO719	Intelligent Transportation Systems
CEO715	Repairs & Rehabilitation of Structure	CEO720	Structural geology
CEO716	Engineering Economics and Accounts	CEO721	Environmental Health and Safety Management


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Semester -VIII

Branch: Civil Engineering

S.N.	Code	Course Title	L	T	P	Credits
1.	CE801D	Project-II			16	08
Total Credit						08

NOTE- A Student can be allowed to do project outside after the permission of departmental Academic Committee. Those students doing project outside has present their project progress every month. Those students doing project outside can be permitted to present progress every fortnight though video conferencing. Students doing project in house has present their project progress every week.


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Ref. DEC/CE/2023/022

Date: 06/11/2023

Department of Civil Engineering

To all students (2020-24 Batch), it is informed that a supervisor has been allocated to each student for the completion of the Major Project (CE 702D). It is instructed to all students to meet with your supervisor and discuss your topic of interest with them, ensuring that the project is completed within the stipulated time.

The Major Project will be evaluated through **weekly project progress viva**, with a total of 10 scheduled. Each weekly project progress viva is worth 5 marks, and they collectively contribute to a total of 50 marks.

To monitor the progress of the work, the first two weekly project progress viva are scheduled as follows, with the remaining 8 weekly project progress viva to be scheduled in due course.

Sl No	Project Viva Detail	Date	Total Marks (5 Each)
1	1 st Week Project Progress Viva	8 th December	Evaluated by Attendance and PPT Presentation.
2	2 nd Week Project Progress Viva	15 th December	Evaluated by Attendance and PPT Presentation.

Smit Kumar
06/11/2023

Head of Department

Department of Civil Engineering
HOD, Department of Civil Engineering
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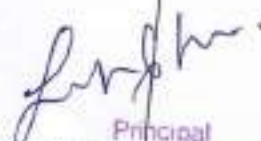
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National Assessment and Accreditation Council
India's assurance for quality
http://naac.ac.in

List of Students and Their Supervisor Name

Sl No	Name	Registration No	Guide Name
1	Shivam Kumar sah	20040435032	Mr. Sujit Kumar
2	Shivam Kumar	20040430028	
3	Shubham Kumar	20040435033	
4	Satya Prakash Jha	20040435026	
5	Shiv Shankar Jha	20040435030	
6	Nandkishor kumar	20040430032	
7	Golu Kumar Singh	20040430007	
8	Deepak Raj Marandi	20040430006	
9	Rajan Raj	20040430025	
10	Om Sundar Alok	20040430018	
11	Honey bharti	20040430008	
12	Vijay Kumar Murmu	20040435037	
13	Aaditya kumar	20040435001	
14	SATYAM KUMAR UPADHYAY	20040435027	
1	Praduman Kumar	20040430021	Dr Avijit Bardhan
2	Piyush Kumar Ray	20040430019	
3	ATISH KUMAR	20040435008	
4	Shubham Kumar	20040430029	
5	Abhishek Kumar	20040435002	
6	Abdul Rahman Ansari	20040430001	
7	Prabhat Kumar Dixit	20040435017	
8	Kundan Kumar Gupta	20040430011	
9	BHARAT BHUSHAN	20040435009	
10	Shantanu yadav	20040430027	
11	Md Rahat Ansari	20040430013	
12	Rahul Goel	20040430022	
13	Menson Merandi	20040435015	
14	Vikas Kumar	20040435038	
1	RAKHAL KISKU	20040430026	Mr. Arindam Guha
2	Giriraj Tudu	20040435011	
3	Samar kumar	20040435023	
4	VIKRAM KUMAR RAUT	20040435039	
5	Chandan kumar sah	20040430004	
6	KIRANMAI DUTTA	20040430010	
7	AMAR KUMAR HEMBROM	20040435006	
8	Shilpi Sadhana Hembrom	20040435029	
9	AMAN KUMAR	20040430002	
10	Dhananjay kumar	20040435010	
11	Ashish kumar pai	20040430003	
12	Jitendar kumar	20040435013	
13	Neha kumari	20040435016	
14	RAHUL KUMAR DAS	20040435022	


Principal

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Dumka, Jharkhand - 814101

1	Sohit Kisku	20040435034
2	Adib	20040435003
3	Chunchun Kumar	20040430005
4	Jyoti Rani Hansda	20040430009
5	Md Shahnawaz nasir	20040430014
6	MD MAKSUD ANSARI	20040430012
7	Prasenjit mahato	20040435019
8	PRITAM PRAKASH	20040435021
9	Rahul Mishra	20040430024
10	PRABHAT BHAGAT	20040430020
11	Shubham kr mahato	20040430030
12	Nikhil Kumar Rajneesh	20040430016
13	Pramesh Soren	20040435018
1	Sanjay Hansda	20040435024
2	Ashwani Kumar	20040435007
3	Nandan Kumar Rajak	20040430015
4	Rahul Kumar Mahato	20040430023
5	Prem Murmu	20040435020
6	Tushar kanti Saha	20040435036
7	Somesh Murmu	20040435035
8	Sanjay Murmu	20040435025
9	Shivam Kumar	20040435031
10	Aman Kumar	20040435005
11	Kundan Kumar Das	20040435014
12	Vishal Kumar	20040435040

Mr. Shashi Raj

Mr. Mani Manohar

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(NAAC & NBA Accredited)					
Sl No	Name	Registration No	Topic Name	Group Name	Guide Name
1	Shiv Shankar Jha	20040435030	Statistical Analysis of Temperature and Rainfall Trend in Santhal Pargana of Jharkhand.	1	Mr. Sujit Kumar
2	Nandkishor kumar	20040430032			
3	Om Sundar Alok	20040430018			
4	Honey bharti	20040430008			
5	SATYAM KUMAR UPADHYAY	20040435027			
6	Shubham kr mahato	20040430030			
7	Shubham Kumar	20040435033	Ground Water Quality Assesment of Dumka Region	2	
8	Deepak Raj Marandi	20040430006			
9	Vijay Kumar Murmu	20040435037			
10	PRABHAT BHAGAT	20040430020			
11	Nikhil Kumar Rajneesh	20040430016			
12	Rajan Raj	20040430025			
13	Shivam Kumar sah	20040435032	Design of water distribution network for dumka City using EPANET 2.0 and Google Earth Pro	3	
14	Shivam Kumar	20040430028			
15	Satya Prakash Jha	20040435026			
16	Golu Kumar Singh	20040430007			
17	Aaditya kumar	20040435001			

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Reference Number: DEC/CE/2024/048

Dated: 07. 06. 2024

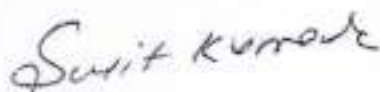
NOTICE

All students of 8th semester are informed that 8th Semester Final External Project Viva-Voce will be conducted on 13-06-2024 as per below schedule. It is mandatory to present in the 8th semester Final External Project Viva-Voce for his/her partial fulfilment of B.Tech Degree.

Name of Subject	Subject Code	Semester	Date	Time
Project - II	CE 802D	8th	13.06.2024	10:00 A.M – 5:00 P.M

Below instructions must be followed.

1. B.Tech Thesis report **must be in format** and must be hard bound covered with blue cover paper.
2. Copy of the title page must be printed **in the front side of the stated cover paper**.
3. Number of Copies to be submitted: **2 for the department** and 1 hard copy for each students.
4. All Thesis report must be **signed by your supervisor before attending the seminar**.
5. You have to briefly present the report with presentation slides so **keep your PPT ready before attending the seminar**.
6. All students **must wear formal dress and formal shoes**, otherwise they will not be allowed to participate in the seminar.


Sujit Kumar

Assistant Professor and HOD

Department of Civil Engineering
Dumka Engineering College, Dumka


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Department of Electrical Engineering
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Ref. No. DEC/EE/2023/070
 Dated: 02-11-2023

Final Year Project Group Distribution (2020 – 2024)

Important Instructions:

1. Project group and allotted guide will not change under any circumstances.
2. Submission of project working model will be mandatory for all.
3. Thesis should be written as per the prescribed format given by the department.
4. Project Progression Seminar / Meeting will be conducted once every month with all students to review the work progress.
5. All students are hereby instructed to create a WhatsApp Group including all group members and their respective guide.
6. Following projects should not be selected as these were created various times by our pass out students:
 - (i) Solar Tracking System.
 - (ii) Home Automation.
 - (iii) Automatic Water Flow Control in Overhead Tanks.
 - (iv) Smart Dustbin.
 - (v) LDR Based Street Light Control.
 - (vi) Speed Control of Motors.
7. Project should be selected such that it must covers at least 5 themes out of the following themes:
 - (i) Healthcare & Biomedical Devices.
 - (ii) Agriculture & Rural Development.
 - (iii) Smart Vehicles / Electric Vehicle / Electric Vehicle Motor and Battery Technology.
 - (iv) Food Processing / Nutrition / Biotech.
 - (v) Robotics and Drones.
 - (vi) Waste Management / Waste to Wealth Creation.

Email: deceehod@gmail.com
 Website: www.dumkaengg.edu.in

Address: Department of Electrical Engineering, First Floor, Academic Building – II, Dumka Engineering College, Shivpahar, Dumka, Pin – 814101, Jharkhand.

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- (vii) Clean & Potable Water.
- (viii) Renewable and Affordable Energy.
- (ix) IoT Based Technologies (e.g. Security & Surveillance Systems etc).
- (x) ICT, Cyber-Physical Systems, Block Chain, Cognitive Computing, Cloud Computing, AI & ML.
- (xi) Other Emerging Areas Innovation for Start-up.
- (xii) Software - Mobile App Development.
- (xiii) Software - Web App Development.
- (xiv) Travel & Tourism.
- (xv) Finance Life Sciences.
- (xvi) Smart Education.
- (xvii) Smart Cities.
- (xviii) Sports & Fitness.
- (xix) Smart Textiles.
- (xx) Sustainable Environment.
- (xxi) Infrastructure.
- (xxii) Manufacturing.
- (xxiii) Defence & Security.
- (xxiv) Mining, Metals, Materials.
- (xxv) Consumer Goods and Retail.
- (xxvi) Fashion and Textiles.
- (xxvii) Education.


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Email: deceehod@gmail.com

Website: www.dumkaengg.edu.in

Address: Department of Electrical Engineering, First Floor, Academic Building – II, Dumka Engineering College,
Shivpohar, Dumka, Pin – 814101, Jharkhand.



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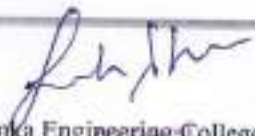
Group A				
Sl. No.	Name of Student	Registration No.	Name of Guide	Class Timing
1	Rahul Kumar Gupta	20040450008	Prof. Arnab Ghosh	Monday 02:20 PM – 05:40 PM
2	Priti Kumari	20040450006		
3	Aman Kumar	20040450001		
4	Abhigyan Aditya	20040450011		
5	Milan Sagar	20040450005		
6	Punit Kumar Sen	20040450007		

Group B				
Sl. No.	Name of Student	Registration No.	Name of Guide	Class Timing
1	Shivam Kumar	20040455039	Prof. Arindam Dey	Wednesday 02:20 PM – 05:40 PM
2	Sanjeet Kumar Das	20040455036		
3	Satyam Ranjan Singh	20040455037		
4	Vikram Hansda	20040455046		
5	Kumar Nishikant	20040455014		
6	Piyush Kumar	20040455021		

Group C				
Sl. No.	Name of Student	Registration No.	Name of Guide	Class Timing
1	Harsh Raj	20040450003	Prof. Raju Goswami	Wednesday 02:20 PM – 05:40 PM
2	Akshay Kumar	20040455005		
3	Ayush Raj	20040455010		
4	Rahul Kumar	20040455026		
5	Dibya Prabha	20040455011		

Email: deccehod@gmail.com
Website: www.dumkaengg.edu.in

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Dated: 02-11-2023

Group D				
Sl. No.	Name of Student	Registration No.	Name of Guide	Class Timing
1	MD Abid Hussain	20040450004	Prof. Pankaj Sarkar	Monday 02:20 PM – 05:40 PM
2	Chintu Kumar	20040450002		
3	Sahid Hasan	20040455034		
4	Prince Kumar Sah	20040455024		
5	Manish Kumar Gupta	20040455015		

Group E				
Sl. No.	Name of Student	Registration No.	Name of Guide	Class Timing
1	Raja Keshri	20040455029	Prof. Raju Goswami	Wednesday 02:20 PM – 05:40 PM
2	Ritik Kumar	20040455031		
3	Ritika Kumari	20040455032		
4	Alok Das	20040455006		
5	Suman Kumar Singh	20040455042		

Group F				
Sl. No.	Name of Student	Registration No.	Name of Guide	Class Timing
1	Ram Parvesh Kumar	20040455030	Prof. Arnab Ghosh	Monday 02:20 PM – 05:40 PM
2	Sandeep Kumar Mahato	20040455035		
3	Mukesh Kumar Mahato	20040455016		
4	Vicky Kumar Das	20040455045		
5	Rocky Hansda	20040455033		


Principal

Email: deceehod@gmail.com
Website: www.dumkaengg.edu.in

Address: Department of Electrical Engineering, First Floor, Academic Building – II, Dumka Engineering College, Shivpohar, Dumka, Pin – 814101, Jharkhand.

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1.3.24
2/4

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Dated: 02-11-2023

Group G				
Sl. No.	Name of Student	Registration No.	Name of Guide	Class Timing
1	Muskan Singh	20040455018	Prof. Pankaj Sarkar	Monday 02:20 PM – 05:40 PM
2	Ajay Kumar Sahu	20040455004		
3	Sweta Prakash	20040455044		
4	Nayan Kumar Gupta	20040455019		
5	Ankit Kumar Raut	20040455009		

Group H				
Sl. No.	Name of Student	Registration No.	Name of Guide	Class Timing
1	John Hembrom	20040455013	Prof. Arnab Ghosh	Monday 02:20 PM – 05:40 PM
2	Abhishek Kumar	20040455001		
3	Muniram Hansdah	20040455017		
4	Ajay Kumar Sahu	20040455003		
5	Shreya Bharti	20040455040		
6	Himanshu Chouhan	20040455012		

Group I				
Sl. No.	Name of Student	Registration No.	Name of Guide	Class Timing
1	Punam Marandi	20040455025	Prof. Raju Goswami	Wednesday 02:20 PM – 05:40 PM
2	Prakriti Pallavi	20040455022		
3	Amar Kumar Yadav	20040455008		
4	Suman Mallick	20040455043		
5	Shridhar Chattopadhyay	20040455041		

Email: deceehod@gmail.com
Website: www.dumkaengg.edu.in

Address: Department of Electrical Engineering, First Floor, Academic Building – II, Dumka Engineering College,
Shivpohar, Dumka, Pin – 814101, Jharkhand.


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Ref. No. DEC/EE/2023/070

Dated: 02-11-2023

Group J				
Sl. No.	Name of Student	Registration No.	Name of Guide	Class Timing
1	Nikhil Chandra	20040455020	Prof. Arindam Dey	Wednesday 02:20 PM – 05:40 PM
2	Shashi Kumar Sharma	20040455038		
3	Praveen Kumar	20040455023		
4	Rahul Sharma	20040455028		
5	Aman Kumar Singh	20040455007		

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Email: deceehod@gmail.com

Website: www.dumkaengg.edu.in

Address: Department of Electrical Engineering, First Floor, Academic Building – II, Dumka Engineering College,
Shivpahar, Dumka, Pin – 814101, Jharkhand.

PROJECT REPORT FORMAT

The thesis has to be organized in the following order.

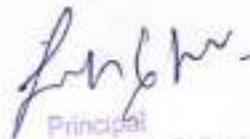
1. Title Page
2. Certificate of the Supervisor(s) (in the stipulated format)
3. Declaration signed by the Candidate (in the stipulated format)
4. Acknowledgement
5. Abstract
6. Table of Contents
7. Abbreviations
8. List of Figures
9. List of Tables
10. List of Algorithms (If any)
11. Chapter 1: Introduction
12. Chapter 2: Literature Survey
13. Chapter 3 (Main works and continuation onwards...)
14.
15. Conclusion and Future Scopes
16. Appendices
17. Bibliography/References
18. Curriculum Vitae

(Students are permissible to add as many as number of chapters as required)

Note:

From point number 2 to point number 10, the page number will be in Roman format.

From point number 11 (Beginning of Chapter 1) to point number 18, the page number will be in Number format (e.g. 1, 2, 3, 4.....)



Principal

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(Est. by Govt of West Bengal & Govt of India)
Major Govt. Polytechnic College, P.O. Dalka
Dunka, West Bengal, India

PROJECT TITLE

Submitted by

Name of the students
(Reg. No.)

Under the Guidance of

Dr./Prof. Faculty Name
(Designation, Department of Electrical Engineering)



Techno India, Polytechnic Compound Road, Dumka, Jharkhand 814101

Project Report

Submitted to

Dumka Engineering College

in Partial Fulfillment

For the Award of the Degree of

BACHELOR OF TECHNOLOGY

In the Department of Electrical

Engineering

May 2022



[Signature]
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Jharkhand University of Technology, Ranchi



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Pin: 814101

CERTIFICATE OF THE SUPERVISOR

Certified that this project report titled "**PROJECT NAME**" is the bonafide work of "**STUDENTS' NAME (Roll and Reg. numbers)**" who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported herein does not form any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Signature
Dr./Prof. FACULTY NAME
Designation
Department

Signature
Dr./Prof. HOD NAME
Head of the Department
Department


Principal
Dumka Engineering College
(Estd. by Govt. of Jharkhand & Run by Techno India Under PPP)
Near Govt. Polytechnic College, P.O. Shyampur
Dumka, Jharkhand, Pin-814101

DECLARATION

I declare that this written submission represents my ideas in my own words and where others' ideas or words have been included, I have adequately cited and referenced the original sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission. I understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

.....

Name and Signature of the Students

Note: Certificates and Declaration should be printed in bond paper



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Near Govt. Polytechnic College, P.C. Chh.
Durika, Jharkhand - 835121/51

ACKNOWLEDGEMENT

I would like to express my deepest gratitude to my guide, Prof. XXXXXXXXXXXX his valuable guidance, consistent encouragement, personal caring, timely help and providing me with an excellent atmosphere for doing the project. All through the work, in spite of his busy schedule, he has extended cheerful and cordial support to me for completing this project work.

(Students are permissible their own acknowledgement)

.....
Name and Signature of the Students


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Near Govt. Polytechnic College, P.O. Shripatpur
Dumka, Jharkhand. Pin-814101

ABSTRACT

Type your abstract here.

Abstract should be one page synopsis of the project report typed double line spacing, Font Style Times New Roman and Font Size 12.


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Near Govt. Polytechnic College, P.O. - Shivpur
Dumka, Jharkhand, PIN-814101

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CHAPTER 1: INTRODUCTION

1.1 Preamble

XX

1.2 Literature Review

XX

1.2.1 Proposal of control

XX


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Guidelines for Preparation of Project Reports

The project report is written proof of processes, tasks and activities that are carried out and accomplished by the final year students while pursuing their projects and implementing them. This is an important document that reproduces concrete and precise information about the various aspects of the project ranging from the overview, requirements, practical aspects, theoretical considerations, tasks furnished, outcomes gained, objectives listed, reports attached, abstracts, experiments and results, conclusions to the implementation and scope of the project. Thus, it gives complete information about the project to the researchers, thus it is a mandatory document that must be submitted to the corresponding department after the successful completion of the final year projects.


(Title and cover page, all the certifications, declarations, abstract, acknowledgement, starting page of the chapters should start from odd numbered pages of the thesis)

1. Title & Cover Page

The contains of the front page are given below-

- i. **Full title of the project report** [Font Style:- Times New Roman and Font Size:- 16].
- ii. **Full name of the candidate with roll no.** [Font Style:- Times New Roman and Font Size:- 12].
- iii. **Name of the guide** [Font Style:- Times New Roman and Font Size:- 12].
- iv. **Name of the department** [Font Style:- Times New Roman and Font Size:- 12].
- v. **Name of the institute** [Font Style:- Times New Roman and Font Size:- 14].
- vi. **Year of submission** [Font Style:- Times New Roman and Font Size:- 14].

2. Certification


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It is required to certify the project work.

Heading [Font Style:- Times New Roman and Font Size:- 16].

Text [Font Style:- Times New Roman and Font Size:- 12].

3. Declaration

A declaration is required regarding the originality of the project report and the work that is to be done in the project should assure individual performance and hard work. Font style and Font size are given below-

Heading [Font Style:- Times New Roman and Font Size:- 16].

Text [Font Style:- Times New Roman and Font Size:- 12].

4. Abstract

Abstract is required to represent a précis report of the complete final project. It is written in such a way so that it can cover all the important information regarding objective, back ground information, metrology, result and further enhancement of project report.

Heading [Font Style:- Times New Roman and Font Size:- 16].

Text [Font Style:- Times New Roman and Font Size:- 12].

5. Acknowledgments

This page is required to depict the gratitude, thankfulness and respect of the students towards the people who helped him in pursuing the project successfully and ensured successful completion and implementation of the project.

Heading [Font Style:- Times New Roman and Font Size:- 16].

Text [Font Style:- Times New Roman and Font Size:- 12].


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- ii. Section heading [Font Style:- Times New Roman and Font Size:- 14]
- iii. Subsection heading [Font Style:- Times New Roman and Font Size:- 12]
- iv. Text [Font Style:- Times New Roman and Font Size:- 12].
- v. Line spacing should be given 'multiple', at 1.5.

The starting of each paragraph should have be given a tab (gap of 0.5 cm).

9. Appendix (If any)

Detailed information, lengthy derivations, raw experimental observations etc. are to be presented in the separate appendices, which shall be numbered in Roman Capitals (e.g. "Appendix I").

10. Bibliography

- i. Number all the references.
- ii. Use a chronological bibliography.
- iii. Each listed reference in the bibliography must be cited in the text of the report.

Styles of references are given below:-

Journals:-

[1] J. F. Fuller, E. F. Fuchs, and K. J. Roesler, "Influence of harmonics on power distribution system protection," IEEE Trans. Power Delivery, vol. 3, pp. 549-557, Apr. 1988.

Books:-

[2] E. Clarke, Circuit Analysis of AC Power Systems, vol. I. New York: Wiley, 1950, p. 81.

[3] G. O. Young, "Synthetic structure of industrial plastics," in Plastics, 2nd ed., vol. 3, J.

1-2-3
updt.

Peters, Ed. New York: McGraw-Hill, 1964, pp. 15- 64.

Technical Reports:-

[4] E. E. Reber, R. L. Mitchell, and C. J. Carter, "Oxygen absorption in the Earth's atmosphere," Aerospace Corp., Los Angeles, CA, Tech. Rep. TR-0200 (4230-46)-3, Nov. 1968.

Patents:-

[5] G. Brandli and M. Dick, "Alternating current fed power supply," U.S. Patent 4 084 217, Nov. 4, 1978.

Papers From Conference Proceedings (Published): -

[6] J. L. Alquieres and J. C. Praca, "The Brazilian power system and the challenge of the Amazon transmission," in Proc. 1991 IEEE Power Engineering Society Transmission and Distribution Conf., pp. 315-320.

Dissertations:-


[7] S. Hwang, "Frequency domain system identification of helicopter rotor dynamics incorporating models with time periodic coefficients," Ph.D. dissertation, Dept. Aerosp. Eng., Univ. Maryland, College Park, 1997.

Binding

The evaluation copies of the project report must be hard bound covered with turquoise blue cover paper. Copy of the title page must be printed in the front side of the stated cover paper.

Number of Copies to be submitted: Guide - 1 hard copy, Department Library - 1 hard copy, Project Laboratory - 1 hard copy & Each Candidate -1 hard copy and Soft Copy (in CD) - 2 copies

Size:-The size of the paper must be standard A4.


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Department of Electronics and Communication Engineering

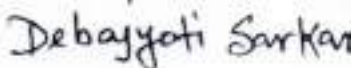
Ref. No.: DEC/ECE/2024/PRC/002


Date:08.01.2024

Project Group Allocation for Final Year Students

GROUP	NAME OF THE STUDENTS	UNIVERSITY ROLL NO.	Project Title	GUIDE
1	SUBHAM KUMAR	20040460009	Agricultural Robot and Plant Health Monitoring System	Mr. Sujit Khamaru
	RAVI KANT MURMU	20040465008		
	AMAR KUMAR	20040460003		
2	AMAN KUMAR	20040460002	Bluetooth Based Smart public announcement Board	Mr. Debabrata Kumar Das
	HARSIT KUMAR	20040460005		
	SAURAV DUTTA	20040460008		
	ROHIT SOREN	20040465010		
3	AKASH KUMAR	20040460001	SMACO (IOT based Smart Surveillance Camera)	Mr. Koustuva Kanti Mandal
	ANKITA	20040460004		
	MAMTA KUMARI	20040460006		
	SUMITRA KUMARI	20040460010		
4	RIYANKA KUMARI	20040465009	Voice Controlled Robot vehicle	Mr. Koustuva Kanti Mandal
	AVINASH KUMAR DUBEY	20040465003		
5	AJAY KUMAR DAS	20040465001	Advanced Foot Step Power Generation System using RFID for Charging	Mr. Debajyoti Sarkar
	KRITY SINGH	20040465004		
	PRACHI KUMARI	20040465006		
	PRITY KUMARI	20040465007		


(Mr. Koustuva Kanti Mandal)


(Mr. Debajyoti Sarkar)


H.O.D., DEPARTMENT OF E.C.E.
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Dumka, Jharkhand, Pin-814101


(Mr. Debabrata Kumar Das)


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Website : www.dumkaengg.edu.in • Email : coordinator@tigit@gmail.com • Contact : +91 86172 63690 (Whatsapp)



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Ref. DEC/CE/2022/0024

Date: 23/11/2022

CIVIL ENGINEERING DEPARTMENT

All students of 7th semester (2019-23) are informed that project group for the subject CE702D and CE 801 D has been allocated according to his/her interest. It has been attached below.

Sunita
23/11/2022

Head of Department

Civil Engineering Department

HOD in-charge CE Department
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Name	Registration No	Name of Guide	Topic Name	Relevant PO's / PSO's
GROUP 1				
Nikhil kumar	19040435027	Dr. Avijit Bardhan	Case Study on Snake Borrowed Soil	PO1, PO4, PO7, PO12, PSO3
Ashutosh Kumar	19040430006			
Ranjan kumar	19040430012			
Tannu shree	19040435048			
Rajani kumari	19040435037	Dr. Arindam Guha	Cause ,cracks and prevention of Building	PO2/PSO1
VIKASH ORAON	19040435049			
GROUP 2				
Nilesh Kumar Mandal	19040435030	Mr. Arindam Guha	Cause ,cracks and prevention of Building	PO2/PSO1
Vivek Kumar Mandal	19040430014			
Kumar Shivam	19040430009			
Wasim Ansari	19040430015			
AKSHITA CHAUHAN	19040435004	Mr. Arindam Guha	Highway failures and their maintenance	PO1/PSO2
NIKHIL KUMAR	19040435028			
GROUP 3				
Sumit Kumar Lohra	19040430018	Mr. Arindam Guha	Highway failures and their maintenance	PO1/PSO2
Gaurav Kumar Singh	19040430017			
Manikant mandal	19040430011			
Aditya raj	19040430001			
Abhishek Ghosh	19040430016	Dr. Avijit Bardhan	Hydrological Modelling of River basin	PO1, PO2, PO5, PO7, PO12, PSO2
Sukumar Hansda	19040435047			
GROUP 4				
ANKIT TUDU	19040430005	Dr. Avijit Bardhan	Hydrological Modelling of River basin	PO1, PO2, PO5, PO7, PO12, PSO2
Angel Hembram	19040430004			
Pritam Marandi	19040435035			
MARCEL BESRA	19040435024			
Piyush Vats	19040435032	Dr. Avijit Bardhan	Hydrological Modelling of River basin	PO1, PO2, PO5, PO7, PO12, PSO2
Jitesh bajpayee	19040435019			

GROUP 5			
Preeti Kumari	19040435034	Mr. Murti Manohar	Analysis the strength of concrete using Steel Fibre Reinforced
Hemant Kumar Mandal	19040435018		
ABHISHEK ARYAN	19040435001		
Lakshman Kumar Gope	19040435022		
Ankit kumar	19040435006		
ADITYA KUMAR	19040435002	GROUP 6	PO1, PO2, PO3, PO5, PO9, PSO 1, PSO2
GROUP 6			
Sourav pandit	19040435046		
Shubhjit Yadav	19040435043		
Chhanguri rajak	19040435013		
Manish kumar singh	19040435023	Mr. Sujit Kumar	Irrigation Water Requirement using CROPWAT and CLIMWAT 2.0
Rajiv Kumar	19040435038		
GROUP 7			
Anuradha Kumari	19040435009		
PRIVANKA KUMARI	19040435036		
Deepprabha Minu	19040435015	Mr. Arindam Guha	Soil stabilization by using fly ash.
Namrata kumari	19040435026		
Anup Kumar	19040435008		
NITYANAND DAS	19040435031		
GROUP 8			
Kaushlesh Kumar shukla	19040435021	Mr. Murti Manohar	Study of Ground water quality and trend analysis : A case study
Murari Kumar Singh	19040435025		
DEEPAK KUMAR	19040435014		
Vinay soren	19040435051		
Anshu kumar	19040435007		
Ranjeet Ranjan	19040435039	GROUP 9	PO1, PO2, PO3, PO9, PSO 1, PSO2
GROUP 9			
Gaurav Jha	19040435016		
Goutam kumar	19040435017		
Sourav Kumar	19040435044		
ARYA KESHRI	19040435011	Mr. Murti Manohar	Analysis the strength of concrete using Glass Fibre Reinforced
JIVESH KASHYAP	19040435020		
Anurag Kumar	19040435010		

<i>GROUP 10</i>			
ANAND KUMAR	19040430003	Dr. Avijit Bardhan	Flood Inundation Mapping using HEC-RAS
KUMAR ABHISHEK	19040430008		
Vinay singh	19040430013		
AJAY KUMAR	19040435003		
Bishal Das	19040435012		
<i>GROUP 11</i>			
NILESH KUMAR	19040435029	Mr. Sujit Kumar	Rainfall-Runoff Modelling using HEC-HMS Model
Ravi Shanker Kisku	19040435040		
Shivam Kumar Mandal	19040435041		
Shubham Kumar Singh	19040435042		
SOURAV KUMAR SHARMA	19040435045		

PO1, PO2, PO3, PO4,
PO5, PSO1, PSO 3



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Ref: DEC/CE/2023/004

Date: 03/03/2023

CIVIL ENGINEERING DEPARTMENT

It is informed to all students of 8th semester that Project Progress Viva Seminar is scheduled as listed below and it is **mandatory for all** to attend the seminar. Project Progress Viva Seminar will be held in **offline mode**.

Sl. No	Date	Group	Project Seminar	Marks Allotted	Time
1.	16 th March	1 st to 6 th	1 st Seminar	5	3 PM onwards
2.	17 th March	7 th to Rest			
3.	27 th March	1 st to 6 th	2 nd Seminar	5	3 PM onwards
4.	28 th March	7 th to Rest			
5.	12 th April	1 st to 6 th	3 rd Seminar	5	3 PM onwards
6.	13 th April	7 th to Rest			
7.	28 th April	1 st to 6 th	4 th Seminar	5	3 PM onwards
8.	29 th April	7 th to Rest			
9.	11 th May	1 st to 6 th	5 th Seminar	5	3 PM onwards
10.	12 th May	7 th to Rest			
11.	25 th May	1 st to 6 th	6 th Seminar	5	3 PM onwards
12.	26 th May	7 th to Rest			

Smita
03/03/2023
HOD

Civil Engineering Department
HOD/in-charge CE Department
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Ref. DEC/CE/2023/010

Date: 20/04/2023

CIVIL ENGINEERING DEPARTMENT

All students of 8th semester (2019-2023 Batch) are informed that **pre-submission of B.Tech thesis report and viva-voce** for the partial fulfilment of B.Tech degree has been scheduled on **28th April -2023** and It is mandatory to all students to submit a **pre-submission report in the format (8-15 Pages) provided by your corresponding supervisor.**

It is also informed that final B.Tech thesis submission and external evaluation for the B.Tech Project will be held tentatively in the 2nd week of June -2023 and B.Tech Thesis report format will be same for all, which will be provided by department. **Submission of pre-submission and final report will be accepted only in the provided format.**

Therefore it is requested to all students that keep your pre-submission report and final submission report ready at the time of scheduled evaluation.

HOD

Civil Engineering Department

Civil Engineering Department
HOD/in-charge CE Department
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Ref. DEC/CE/2021/027

Date: 26/11/2021

CIVIL ENGINEERING DEPARTMENT

Department has adopted following procedure to make project group.

- Students are advised to discuss among yourself before selecting any topics.
 - In case of greater than 10 students select any topic then that group will be consider as overfilled and in case of less than 5 students select any topic then that group will be considered as under filled.
 - In this situation, students of that particular group will be distributed by department as per convenience of department.
1. Climate Change Impact on Water Resource System
 2. Study on Soil stabilization by using fly ash
 3. Air Pollution and Control
 4. Application of Artificial Neural Network
 5. Glass fibre reinforced high tensile concrete
 6. Use of Fuzzy Logic Algorithm in Reservoir Policy
 7. Cause, Prevention, Repair and Maintenance of Cracks in Buildings
 8. Application of Artificial Intelligence in Water Management
 9. Green concrete
 10. Replacement of Coarse Aggregates with ceramic for Preparation of Concrete
 11. Durability study of concrete using foundry waste sand

[Signature]
26/11/2021
Head of Department

Civil Engineering Department
HOD/In-charge CE Department
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NAME	REG. NO.	Group Name	NAME OF GUIDE	TOPIC NAME	Relevant PO's / PSO's
UTSAV KUMAR SUMAN	18040430036	Group 1 & Group 2	Mr. Sujit Kumar	Climate Change Impact on Water Resource System	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO12, PSO2, PSO3
Ritesh Kumar	18040430028				
Aakash Sinha	18040435001				
CHUNCHUN KUMAR	18040430013				
SUMIT SOURAV	18040430034				
Faiz Alam	18040430015				
Rahu kumar	18040435013				
GOP! KISHAN	18040430016				
Rohit kumar mandal	18040435018				
Rahu kumar	18040435012				
AKSHAY KUMAR MAHTO	18040430002	Group 3	Mr. Arindam Guha	Cause, Prevention, Repair and Maintenance of Cracks in Buildings	PO1, PO2, PO3, PO6, PO12, PSO1
Deepak Ranjan	18040435009				
Riya Kumari	18040435017				
Jimmy jenifer handsak	18040430017				
HEMANT KUMAR HITASHI	18040435022				
Mohammad Shadab Ahimad	18040435023	Group 4	Mr. Arindam Guha	Air Pollution and Control	PO1, PO2, PO3, PO4, PO7, PO12, PSO3
Surabhi kumari	18040435021				
RAM SUNDAR ALOK	18040430027				
AMIN RAZA	18040430003				
SHAILASH KUMAR SHARMA	18040435019				
RAJAKISHOR PAHARIA	18040435016	Group 5	Mr. Uttam Yadav	Replacement of Coarse Aggregates with ceramic for Preparation of Concrete	PO1, PO2, PO4, PO6, PO7, PO12, PSO3
Nisha Roseline Baskey	18040430023				
Sumit thakur	18040435020				
DEEPAK KUMAR	18040430014				
Bipin kumar yadav	18040430010				
Mukesh Mandal	18040430019	Group 5	Mr. Uttam Yadav	Replacement of Coarse Aggregates with ceramic for Preparation of Concrete	PO1, PO2, PO4, PO6, PO7, PO12, PSO3
Krishna gopal yadav	18040430018				

Sunny Kumar Saw	18040430035			
Ayush Anand	18040430006			
UTTAM KUMAR MANDAL	18040435025			
RAJESH HEMBROM	18040435015			
ABHISHEK KUMAR MANDAL	18040435002			
RAMKRISHNA YADAV	18040430026			
SANTOSH ORAON	18040430029			
Raja Babu	18040435014	Group 6 & Group 7	Ms Sharmistha Das	Glass fiber reinforced high tensile concrete
CHIRANJEET KUMAR SAH	18040435008			
Aditya Kumar	18040435003			
Ajay Kumar Das	18040435004			
Bhoomi Kumari	18040435007			
Annu kumari	18040435006			
Ajay Kumar Sah	18040435005			
SHIVAM RAJ	18040430032			
Rajdeep Kumar Yadav	18040430025	Group 8	Mr. Uttam Yadav	Replacement of Coarse Aggregates with ceramic/ Jhama Bricks for Preparation of Concrete
Bitu kumar	18040430011			
Ashok Kumar	18040430005			
Pixy Gupta	18040430024			
Nandini Tiw	18040430020	Group 9	Mr Sujit Kumar	Application of Artificial Intelligence in Water Management
MD Aman	18040435011			
Shiv Vishwakarma	18040430030			
Shivam kumar sahu	18040430031			
Bijay Gorai	18040430009			
BAPU KUMAR	18040430008			
chitrarajan kumar	18040430012	Group 10	Mr. Uttam Yadav	Study on Soil stabilization by using fly ash
Naveen kumar yadav	18040430022			
Garima Kumari	18040435010			
PRAVEEN KUMAR	18040435024			
NAVDEET HANSDA	18040430021			
ABHIRAM HONHAGA	18040430001			



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Phone: (91) 33-2357-6163/2658/1094, Fax No: +91-33-2357-2450

Ref. No. - DEC/ME/PRC/2022/01

Date: 06.09.2022

Department of Mechanical Engineering

Notice

It is to inform all the faculty members that a meeting will be held to form the project review committee for evaluation the progress report of final year project of batch(2019-23) on 07.09.2022 at HOD chamber. So therefore, all faculties are requested to be present on that day.

Copy to:

All concerned

Dept. of Mechanical Engineering

Head of the department

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Dumka Engg. College



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Phone: (91) 33-2357-6163/2658/1094, Fax No: +91-33-2357-2450

EVALUATION SCHEME FOR FINAL YEAR PROJECT

PHASE – I Phase

Internal/ External	PERFORMANCE INDICATOR	MARKS
Internal (70)	Project Progress Report.	25
	Presentation	20
	Quality of project	25
External (30)	Project Progress Report.	10
	Presentation	10
	Quality of project	10
GRAND TOTAL		100

Phase – II

Internal/ External	PERFORMANCE INDICATOR	MARKS
Internal (70)	Project Progress Report.	25
	Presentation	20
	Quality of project	25
External (30)	Project Progress Report.	10
	Presentation	10
	Quality of project	10
GRAND TOTAL		100



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GROUP NO:-01		Project Guide
NAME	REG NO.	Mr. Rajiv Ranjan Sah (Assistant Prof.)
1 DEVANSHU RAJ	19040490003	
2 PRANAV KR.PANDEY	19040490009	
3 SAGAR KUMAR	19040490010	
4 ANKIT RICHARD LAKRA	19040490001	

GROUP NO:-02		Project Guide
NAME	REG NO.	Dr. Uday Kumar (Associate Prof.)
1 BISHAL KUMAR MANDAL	19040495024	
2 ARUNAV PARSAD	19040495006	
3 SUDHANSHU RANJAN)	19040495024	
4 VICKY KUMAR	19040495028	

GROUP NO:-05		Project Guide
NAME	REG NO.	Mr. Neeraj Sharma (Assistant Prof.)
1 Uday Kumar Tudu	19040490011	
2 Kishor Kumar Murmu	19040495012	
3 Sumit Kumar Dehri	19040495026	
4 Prem Prakash Marandi	19040495017	

GROUP NO:-07		Project Guide
NAME	REG NO.	Mr. Nitish Kumar (Assistant Prof.)
1 Surya dev Hembrom	19040495027	
2 Rakesh Ranjan Murmu	19040495019	
3 Barun Kumar	19040495031	
4 Krishana Kumar	19040495013	

GROUP NO:-09		Project Guide
NAME	REG NO.	Mr. Neeraj Sharma (Assistant Prof.)
1 Dharmendra kumarsaha	19040495009	
2 Jeet Sarkar	19040495010	
3 Amit Kumar hembram	19040495004	

GROUP NO:-03		Project Guide
NAME	REG NO.	Mr. Manish Thakur (Assistant Prof.)
1 Raj kumar Das	19040495018	
2 Kameshwar prasad	19040495011	
3 Sakshi priya	19040495022	
4 Sujeet kumar	19040495025	

GROUP NO:-04		Project Guide
NAME	REG NO.	Mr. Lalit Narayan Mahto (Assistant Prof.)
1 Amarjeet Sah	19040495003	
2 Vikash Kumar	19040495030	
3 Sajay Kumar	19040495023	
4 Prakhar Prakash Gupta	19040490008	

GROUP NO:-06		Project Guide
NAME	REG NO.	Dr. Santanu Dey (Associate Prof.)
1 Dinbandhu pal	19040490004	
2 Aniket Raj Singh	19040495005	
3 Bittu Kumar	19040495008	
4 Akash Kumar Agarwal	19040495002	

GROUP NO:-08		Project Guide
NAME	REG NO.	Dr. Ganesh Shankur (Associate Prof.)
1 Nitish kumar	19040495016	
2 Amit kr. Hembram	19040495004	
3 Mohan kr. Das	19040495015	
4 Manoj sinku	19040495014	

GROUP NO:-10		Project Guide
NAME	REG NO.	Mr. Manish Thakur (Assistant Prof.)
1 Md Shoaib Ansari	19040490006	
2 Raju Kumar	19040490013	
3 Bikram kumar Das	19040495007	
4 Vikash Das	19040495029	



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Department of Mechanical Engineering

Ref. No. - DEC/ME/PRC/2022/03

Date: 02.06.2022

Notice

It is to inform all the students, project evaluation will be held in smart class room, Department of ME on 06.06.2022 at 10 a.m. Therefore, all the students are requested to be present.

The students have to give a power point presentation in front of project review committee and have to present the working model of their project.

The internal marks will be decided based on the following point:

1. Presentation given by the students
2. Project knowledge
3. Project report.

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All concerned

Sanjiv Kumar
02/06/22

Head of the department

Dept. of Mechanical Engineering

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Ref. No. – DEC/ME/PRC/2022/002

Date: 07.09.2022

Project Review Committee

It is to inform all the faculties that a departmental project review committee has been formed to evaluate the progress of final year project of our current batch (2019-2023) students. The project review committee consist of the following faculty members:

1. Dr. Ashish Narayan
2. Dr. Uday Kumar
3. Prof. Lalit Narayan Mahto
4. Prof. Rajiv Ranjan Sah
5. Prof. Manish Thakur
6. Prof. Sandeep Das

Members of the project review committee shall observe the progress of the student project in a regular basis.

Copy to:

All concerned

Dept. of Mechanical Engineering

Head of the department

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Department of Mechanical Engineering

MINUTES OF MEETING

Name of Unit	Dumka engineering College	Meeting No	DEC/ME/NBA/2022/01		
Location of Meeting	HOD Office	Meeting Date :	07.09.2022	Meeting Time	4.00 PM
Participates List					
Sl. No.	Name	Designation			
1.	Prof. (Dr.) Ashish Narayan	Associate Professor & HOD			
2.	Prof. Manish Thakur	Assistant Professor			
3.	Prof. Sandeep Das	Assistant Professor			
4.	Prof. Rajiv Ranjan Sah	Assistant Professor			
5.	Prof. Lalit Narayan Mahto	Assistant Professor (HOD – In charge)			
6.	Dr. Uday Kumar	Assistant Professor			

Meeting Objectives

1	Fixation of rubrics for final year project.
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Points Discussed:

Sl. No	Discussion Points
1.	Rubrics for project evaluation has been discussed and fixed.



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2.	Methodology for project group and supervisor allocation has been discussed and fixed.
----	---

Actions Identified

Sl No.	Actions to be Taken	Responsibility	Target Completion Date
1.	A group to be formed which consists maximum four to five students including bright, average and weak students.	PRC	20.09.2022
2.	Guides will be allocated to the group members randomly by lottery system.	PRC	20.09.2022
3.	Rubrics for project evaluation are to be decided.	PRC	20.09.2022



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EVALUATION SCHEME FOR FINAL YEAR PROJECT

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Department of Mechanical Engineering

Ref. No. – DEC/ME/PRC/2021/01

Date: 10.11.2021

Notice

It is to inform all the faculty members that a meeting will be held to form the project review committee for evaluation the progress report of final year project of batch (2018-22) on 15.11.2021 at HOD chamber. So, therefore all faculties are requested to presented on that day.

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Department of Mechanical Engineering

Ref. No. – DEC/ME/PRC/2021/02

Date: 10.11.2021

Project Review Committee

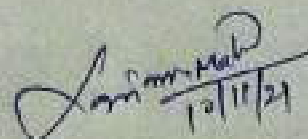
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1. Prof. (Dr.) Ashish Narayan
2. Prof. (Dr.) Uday Kumar
3. Prof. Sandeep Das
4. Prof. Rajiv Ranjan Sah
5. Prof. Manish Thakur
6. Prof. Lalit Narayan

Members of the project review committee shall observe the progress of the student project in a regular basis.

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All concerned


10/11/21

Head of the department

Dept. of Mechanical Engineering

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ME Dept.
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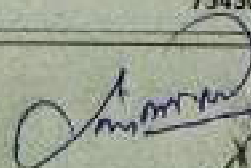


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Department of Mechanical Engineering

FINAL YEAR PROJECT GROUP Batch (2018 – 22)

GROUP-1	GROUP-6
ASHUTOSH RANJAN	SUBHAM KUMAR
PUSHPESH LAL RANJAN	GAURAV PASWAN
VIJAY KUMAR MAHTO	MILAN SHARMA
RAJEEV KUMAR PURREY	SATYAM KUMAR
GUIDE BY:- Mr. NEERAJ SHARMA (Mob. No. 8002606696)	GUIDE BY:- Dr. Ashis Narayan
GROUP-2	GROUP-7
BANTI KUMAR MODI	NAGESHWAR KUMAR SAW
BABUL SAHANI	VISHAL KUMAR RAJWAR
RITESH KUMAR	SUNNY KUMAR
HANSEL KIRK KULLU	ARVIND KUMAR PANDIT
Mr. Sandeep Das (Mob. No. 7061288383)	Mr. Lalit Narayan Mahto (Mob. No. 8002058110)
GROUP-3	GROUP-8
MD SOHAIL RAZEE	SHYAM SUNDAR JHA
KRISHNENDU BAGCHEE	ARBIND KUMAR DAS
MD ALI IMAM	PAPPU RANA
ABHISHEK KUMAR	AMIT CHOUDHARY
GUIDE BY:- Mr. RAJIV Ranjan Sah (7909069679)	GUIDE BY:- Dr. Santanu Dey (Mob. No. 9432216088)
GROUP-4	GROUP-9
MD ABUL FATAH	ABHAY BARNWAL
AYUSH KUMAR SINGH	PRASHANT PRASHAR
SONU KUMAR	SHIV SANTOSH KUNWAR
ARUP KUMAR	AJIT KUMAR MAHATO
GUIDE BY:- Mr. MANISH THAKUR (Mob. No. 8709587397)	GUIDE BY:- Mr. Nitish Kumar
GROUP-5	GROUP-10
SANJU KUMARI	MD KADIR ANSARI
PREETI SHARMA	PRADEEP KUMAR MANDAL
KUMARI SEEMA	PAWAN KUMAR
DHIRAJ KUMAR	HARENDRA KARMALI
GUIDE BY:- Mr. Sujan Abhishek Mundu	GUIDE BY:- Dr. Uday Kumar (Mob. No. 7545095465)


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Department of Electrical Engineering
(NBA Accredited)

Reference No: DEC/EE/2022/

Date: 05/09/2022

The following groups of students for the final year project of session 2019-23

2022-2023

SL.No.	Reg. No.	Name	Supervisor Name	Title
1	19040455012	Avinash Kumar	Mr. Pankaj Sarkar	Power Output Comparison of A Dual Axis Solar Tracker With Fixed Ground Mounted Solar Panel
2	19040455013	Ayush Kumar		
3	19040455018	Jitendra Kumar		
4	19040455030	Nisha Marandi		
5	19040455036	Sanjay Kumar Chauhan		
6	19040455027	Mousam Mishra	Mr. Arnab Ghosh	Generate Electricity From Solid Waste
7	19040450003	Monit Kumar		
8	19040455011	Ashima Kumari		
9	19040455024	Milin Kirti		
10	19040450008	Shubham Kumar		
11	19040450009	Sweety Kumari Lohra	Mr. Raju Goswami	Laser Security System
12	19040455044	Sunita Kumari Murmu		
13	19040455041	Sneha Kumari		
14	19040455038	Sheetal S Tudu		
15	19040455045	Sushil Soren		
16	19040455005	Amit Kumar Mandal	Mr. Pankaj Sarkar	Hybrid Electric Vehicle
17	19040455006	Anima Kumari		
18	19040455008	Anshu Bhengra		
19	19040455033	Richika Singh		
20	19040455039	Shivam Anand		

Email: deceehod@gmail.com

Website: www.dumkaengg.edu.in

Address: Department of Electrical Engineering, First Floor, Academic Building – II, Dumka Engineering College, Shivpahar, Dumka, Pin – 814101, Jharkhand.



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Department of Electrical Engineering (NBA Accredited)

21	19040450002	Manisha Kumari	Mr. Arindam Dey	Solar Based Wireless Electric Vehicle Charging Station
22	19040450004	Piku Kumar Mandal		
23	19040450005	Pranav Kumar Dey		
24	19040450007	Saurav Kumar Barnwal		
25	19040450010	Nandan Bhardwaj		
26	19040455001	Afridi Saikh	Mr. Raju Goswami	EV Charging Station With Green Power and Wireless Charging
27	19040455002	Ajeet Kumar		
28	19040455004	Amit Kumar Mahato		
29	19040455031	Rahul Raman		
30	19040455048	Umang Jaiswal		
31	19040455007	Ankita Kumari	Mr. Arindam Dey	Floor Cleaning Robot
32	19040455010	Arti Asima Xaxa		
33	19040455025	Minu Sah		
34	19040455046	Sushma Kumari		
35	19040455021	Komal Kumari		
36	19040455009	Anup Ranjan	Mr. Debabrata Kumar Das	IOT Based Smart Highway
37	19040455022	MD Shadan Akhtar		
38	19040455023	MD Shahbaz Ansari		
39	19040455026	Mithlesh Kumar Mandal		
40	19040455028	Namit Kumar		
41	19040455014	Deepak Kumar	Mr. Raju Goswami	Advanced Vehicle Security System
42	19040455019	Juhi Kumari		
43	19040455029	Niraj Kumar Das		
44	19040455042	Sourav Kumar		
45	19040455043	Subhashish Mishra		
46	19040455040	Shubham Kumar Bhrman	Mr. Debabrata Kumar Das	IOT Based Home Automation
47	19040455049	Vikash Kumar Mahato		
48	19040455017	Gautam Kumar Mandal		
49	19040455020	Karan kumar Choudhary		
50	19040455035	Roushan Kumar		

Email: deceehod@gmail.com

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Department of Electrical Engineering (NBA Accredited)

51	19040455003	Ambar Kumar	Mr. Debabrata Kumar Das	Automatic Engine Locking System Though Alcohol Detection
52	19040455016	Dheeraj Kumar Ghosh		
53	19040455034	Ritu Raj		
54	19040455015	Dhananjay Rabidas		

Email: deceehod@gmail.com

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Department of Electrical Engineering

Reference No: DEC/EE/2021/

Date: 02/09/2021

The following groups of students for the final year project of session 2018-22

2021-2022

SL.No	Reg. No.	Name	Supervisor Name	Title
1	18040450013	Nidhi Kumari	Dr. Nirmalya Mallick	ARDUINO BASED HEALTH MONITORING DEVICE
2	18040455006	Meenakshi Kumari		
3	18040450018	Shilpi Saha		
4	18040455013	Jyoti Kumari		
5	18040450006	Kajal Kumari		
6	18040450014	Nutan Kumari		
7	18040455015	Ravi Kumar	Mr. Raju Goswami	GPS Based Prepaid Energy Meter With Anti Theft Alert
8	18040455016	Saroj Kumar Mahato		
9	18040455017	Sonu Kumar Marandi		
10	18040450011	MD Shahzada Shadab		
11	18040450012	Md Talib Ansari		
12	18040455014	Rahul Kumar		
13	18040455010	Shiv Shakit Pathak	Mr. Debabrata Kumar Das	Star Delta Starter with Forward And Reverse Control.
14	18040455009	Sachin Kumar		
15	18040455002	Anupam Kumar		
16	18040455011	Sudhanshu Ranjan		
17	18040455007	Prakash Barnabas Murmu		
18	18040450010	Md Moqaddas Noor		
19	18040450002	Alok Prakash	Dr. Nirmalya Mallick	ARDUINO BASED AUTOMATED WATERING SCHEME
20	18040455001	Abhijeet Kumar Gupta		
21	18040450029	Shivam Swraup		
22	18040450019	Shivam Jaiswal		
23	18040450023	Ujjwal Nigam		
24	18040450022	Swarup Kumar Mondal		



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Department of Electrical Engineering

25	18040455004	Deepak Marandi	Mr. Pankaj Sarkar	Automatic Water Level Controller In overhead Tank
26	18040450003	Arvin Kumar		
27	18040455005	Md Akram Reza		
28	18040455008	Rishabh Pushkar		
29	18040450003	Ajay Kumar Hansda		
30	18040450017	Raj Sumit		
31	18040450004	Jatin Kumar Jha	Dr. Rahul Kumar	Battery Management System for Electric Vehicle
32	18040450007	Kishan Kumar		
33	18040450008	Krishnadeo Vishwakarma		
34	18040450009	Kundan Kumar		
35	18040450015	Pradeep Kumar Mahato		
36	18040450016	Rahul Bharati		
37	18040450021	Sourav Suman		



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Department of Computer Science Engineering

Reference No: DEC/CSE/2022/

Date: 07/09/2022

The following groups of students for the final year project of session 2019-23.

2022-2023

Allocated Project Team No.	Name of Student	Supervisor Name	Title
1	Priya Rani	Mr. Ranadeep Dey	HELP GATE
	Pitamber Kumar Sah		
	Rahul Kumar		
	Sidharth Kishor		
	Sumit Kumar Gupta		
	Prince Raj		
2	Suraj Kumar	Mr. Amit Kumar Pramanik	FACIAL EMOTION DETECTOR
	Ashish Kumar Burnwal		
	Anuj Kumar Singh		
	Ashish Kumar Sah		
	Nikita Choudhary		
	Aadarsh Kumar		
3	Aman Kumar	Mrs. Sunidhi Priyadarshini	WE CARE
	Swarnali Ganguly		
	Diksha Mohan		
	Goushia Praween		
	Heera Lal		



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Department of Computer Science Engineering

4	Rakhi Kumari	Mrs. Sunidhi Priyadarshini	GROW-N-KNOW
	Amarjeet Singh		
	Karishma Kumari		
	Ritika Raj		
	Sonam Sinha		
5	Abhinandan kr. Singh	Mrs. Sujata Basu	VOTE NOW
	Niraj Kumar Saw		
	Bhavna kumari		
	Mukesh Kuma		
	Raj Kumar Shikhar		
6	Rupesh Kumar Singh	Mr. Amit Kumar Pramanik	CAPTCHA AS A GRAPHICAL
	Prasanjeet Mandal		
	Ujjawal Kumar		
	Amit Kumar		
	Premchand Saha		
	Dinesh Soren		
7	Abhishek Kumar	Mrs. Sujata Basu	INFORMANT
	Raksha Bharti		
	Kumari Deep Nita		
	Priyanka Beli Soren		
	Ravi Marandi		



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Department of Computer Science Engineering

Reference No: DEC/CSE/2021/

Date: 02/09/2021

The following groups of students for the final year project of session 2018-22

2021-2022

Allocated Project Team No.	Name	Supervisor Name	Title
1	Naveen Kumar	Mr. Amit Kumar Pramanik	Car kharido
	Priya Kumari		
	Chinmay Swarup Chiranjeevi		
2	Shravan Kumar	Mr. Ranadeep Dey	Your sarthi
	Muskan Kumari		
	Sachin Kumar		
	Deepak Kumar		
	Avinash Kumar Mahto		
	Adarsh Kumar Pandey		
3	Pranjal Prerak Mishra	Mrs. Sunidhi Priyadarshini	Clinic on click
	Ashitosh Raj		
	Kripa Shankar Rakshit		
	Pooja Rani		
	Tannu Rani		
4	Mahima Kumari	Mrs. Sunidhi Priyadarshini	Mechanic on call
	Ruchi Kumari		
	Priya Yadav		



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Department of Computer Science Engineering

	Anjali Sharma		
	Zeena Parween		
5	Bidhan Rakshit	Mr. Amit Kumar Pramanik	Raksha
	Abhinabh Das		
	Yashashvi		
	Mritunjay Gupta		
	Ritesh Kumar		
	Himanshu Harsh		
6	Chanda Kumari	Mr. Ranadeep Dey	Waste management system
	Monika Kumari		
	Shobha Kumari		
	Juhi Kumari		
	Saurabh Hembram		
7	Sawita Nandan	Mrs. Sunidhi Priyadarshini	Food resturo
	Bikram Soren		
	Nilesh Beck		
	Kaushal Kumar		
	Kapil Kumar Kisku		
	Rakesh Hembram		



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Department of Electronics and Communication Engineering

Reference No: DEC/ECE/2022/

Date: 07/09/2022

The following groups of students for the final year project of session 2019-23.

2022-2023

Allocated Project Team No.	Name of Student	Guided by	Project Title
1	Gaurab Kumar Gupta	Mrs. Indira Ghosh Dastidar	Air Quality Sensing and Monitoring
	Ankita Sarkar		
	Ravi Ranjan Mahato		
	Anushmita Ghosh		
	Sweat Kamal		
2	Dichika Singh	Mr. Sujit Khamaru	Healthcare Unit
	Basanti Murmu		
	Deepak Kumar		
	Rajesh Ranjan		
	Rishav Kumar		
3	Tanya Kumari	Mr. Koustuva Kanti Mandal	Vehicle accident Monitoring System
	Ketan Kumar		
	Sangeeta Marandi		
	Deepak Mandal		
	Bikash Hembram		
4	Sandeep Kumar Dangi	Mr. Sujit Khamaru	Bluetooth Control Landmind Detector Robot
	Shreya Rani		



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	Sunita Kumari		
	Shitla Besra		
	Rakhi Kumari		
5	Ajit Kumar Dutta	Mr. Debajyoti Sarkar	Home Automation
	Anupan Thakur		
	Gourav Dutta		
	Ashok Kumar		
	Moumita Banerjee		



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Department of Electronics and Communication Engineering

Reference No: DEC/ECE/2021/

Date: 02/09/2021

The following groups of students for the final year project of session 2018-22

2021-2022

Allocated Project Team No.	Name of Student	Guided by	Project Title
1	Aditi Rani	Mr. Sujit Khamaru	Insignia Labs clap switch-based light/bulb control
	Amisha Sahu		
	Bhawani Kumari		
2	Shruti Raj	Mr. Koustuva Kanti Mandal	Electronic Notice Board
	Ranjan Kumar		
	Swati Kumari		
3	Kapil Das	Mrs. Indira Ghosh Dastidar	Density Based Traffic Lights Control
	Komal Kumari		
	Puja Kumari		
	Md.Sahil		
4	Dolly Kumari	Mr. Debajyoti Sarkar	Street Lights that glow on detecting vehicle movement
	Somnath Mondal		
	Anjali Kumari		
5	Vinita Singh	Md. Kamal Ahmed	3 rd eye for blind ultrasonic vibrator glove
	Shweta Kumari		
	Sushil Kumar		