

**DUMKA ENGINEERING COLLEGE**  
**ECE Department Final Year Project Allocation (2016-2020 Batch)**

No. of Project Team	Title of Project	Guided By	Student Name
1.	Microcontroller Based	Mr. Sujit Khamaru	ANURADHA BHARTI KUMAR MANAS PRATIBHA BHANU MITHUN KUMAR SAHA SHIDHI VINAYAK
2.	Antenna Based	Ms. Amrita Roy	RAHUL PANDEY PREM TOPPO ZOHEB ATAULLAH PRITY ROY AMIT VIKRAM PANDEY
3.	Signal Processing Based	Mr. Khondekar Kamal Ahmed	KUMARI NEELAM PAHARIA MANJIT KUMAR SOREN ANKIT RAJ SINHA RAHUL KUMAR THAKUR VIKASH KUMAR
4.	VLSI Design Based	Mr. Souvik De	KISHORE CHARAN PRIYANKA KUMARI PREETAM KUMAR RAJ KUMAR SAW KAJAL KUMARI
5.	Sensor Based	Ms. Indira Ghosh Dastidar	SUJATA KUMARI RAHUL KUMARI VINITA KUMARI BANWAR DIMPAL RANI

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**B.Tech CSE 7th Sem Project Group Distribution (2017-21)**

Group No.	ROLLNO	STUDENT NAME	Regd. No.	Faculty Name	Project Name
1	182021800038	SKMU20526	PRATYUSH KUMAR	Mr. Ranadeep Dey	Online Voting Management System (HTML, PHP, MySQL)
	182021800039	SKMU20536	MRINALINI MURMU		
	182021800047	SKMU20540	SHASHIKANT		
	192021810020	SKMU1824148	BISHAL KUMAR		
	182021800059	SKMU20525	SANTOSH KUMAR DAN		
	192021810018	SKMU1824140	VISHWANATH BHAGAT		
2	182021800057	SKMU20529	GARIMA KUMARI	Mrs. Sunidhi Priyadarshini	Online Rojgar Sewa (Sublime Text, phpMyAdmin)
	182021800040	SKMU20524	ANANT KUMAR PANDEY		
	182021800045	SKMU20528	IMRAN ALAM		
	182021800043	SKMU20520	ABHISHEK BANERJEE		
	192021810041	SKMU1824147	NISHA RANI		
3	172021800026	SKMU23954	TUSHAR KUAMR	Mr. Amit Kumar Pramanik	Alumni Association of DEC (HTML, Nodejs,MySQL)
	182021800049	SKMU20538	SUPRIYA BHARTI		
	182021800051	SKMU20535	HARSH		
	192021810019	SKMU1824144	GULSHAN MARANDI		
	182021800055	SKMU20530	MONIKA HANSDA		
4	182021800058	SKMU20527	YASH RAJ	Miss. Sayani Nemu	MERN STACK ( Real-Time Library ) (Typescript, Nodejs , Mongodb (noSql))
	182021800041	SKMU20522	AJAY KUMAR		
	182021800052	SKMU20534	ANSHU RAJ		
	182021800054	SKMU20531	SANTOSH KUMAR YADAV		
	192021810021	SKMU1824141	SANJAY KUMAR MANDAL		
	182021800048	SKMU20539	SUSHANT UPADHYAYA		
5	182021800053	SKMU20533	SHUBHAM MEHTA	Mr. Saurabh Ranjan	Fresh Mask Detection (Machine Learning)
	182021800042	SKMU20521	ATUL KASHYAP		
	182021800050	SKMU20537	VIKRAM KUMAR		
	192021810016	SKMU1824146	DHRUV KUMAR		
	182021800056	SKMU20519	PRIYANSHU SHARMA		
	192021810017	SKMU1824145	VISHAL KUMAR GUPTA		

  
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**B.Tech CSE 7th Sem Project Group Distribution (2016-20)**

Group Number	Roll Number	Reg. Number	Student Name	Supervisor Name		
Group 1	31	SKMU20628	<b>Neha Kumari Saw(GR. LEADER)</b>	MS. SUNIDHI PRIYADARSHINI		
	9	SKMU23959	Ferheen Shabnam			
	28	SKMU20630	Kritika Rani			
	21	SKMU23960	Shanti Kumari			
	5	SKMU23948	Anju Kumari			
	10	SKMU23953	Jyoti Kumari			
	4	SKMU23964	<b>Amit Ram(GR. LEADER)</b>			
	23	SKMU	Sonu Kumar Sahu			
	22	SKMU23941	Shashwat Shantanu			
	2	SKMU23938	Afrin Sher Mahmood			
Group 2	12	SKMU23947	Md. Asif Ghulam	MR. AMIT KUMAR PARMANIK		
	33	SKMU20633	<b>Reshab Kumar Pandey(GR. LEADER)</b>			
	35	SKMU20631	Parveen Kumar Shiipi			
	30	SKMU20632	Makrand Madhur			
	27	SKMU20635	Jitendra Pandit			
Group 3	32	SKMU20634	Partha Kumar Mahto	MR. RANADEEP DEY		
	18	SKMU23956	Ranjeet Prasad Keshri			
	25	SKMU23950	<b>Ujwal Aryan(GR. LEADER)</b>			
	20	SKMU23955	Sampa Yadav			
	11	SKMU24026	Md. Ali Imaran			
	8	SKMU23958	Deepak Kumar			
	3	SKMU23962	Amit Burrwal			
Group 4	14	SKMU23951	<b>Namita Singh(GR. LEADER)</b>	MS. SAMPURNA MANDAL		
	1	SKMU23940	Abhay Krishna			
	16	SKMU23944	Omprakash Kumar			
	7	SKMU23945	Anurag Kumar			
	13	SKMU23961	Mukta Purnima Tudu			
	17	SKMU23952	<b>Rakesh Kumar Ranjan(GR. LEADER)</b>			
	6	SKMU23943	Anshuman Kumar			
Group 5	15	SKMU23939	Neha Kumari	MR. SOURAB RANJAN		
	29	SKMU20629	Kumari Mayko Muni			
	19	SKMU23949	Rosemary Soren			
	Group 6					MS. SAYANI NEMU

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# Dumka Engineering College

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(Approved by AICTE, New Delhi & affiliated to Sidhu Kanhu Murmu University, Dumka)

Corporate Office : EM 4/1, Sector - V, Salt Lake, Kolkata - 700 091  
Phone : (91) 33-2357-6163/64/2658/1094, Fax : (91) 33-2357-2450

## Department: Computer Sc. & Engineering

Ref. – DEC/CSE/2017/003


Date: 28.08.2017

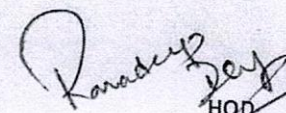
### Notice

#### CSE Final Year Project

All the CSE students 2018 passing out batch are hereby informed that, you have to choose your project topic (final year) from below mentioned options given by CSE department; as well as you have form a 4 person group (One group may have 5 Person) and approach to your guide as the table given below-

Sl No.	Project Guide	Technology	Topic
1.	Mr. Ranadeep Dey	J2EE, HTML, SQL, CSS	Bus ticket reservation System
			University Examination Management System
			Metro Railway ticket management system
2.	Mr. Amit Kr. Pramanik	Java Swing, J2EE, Oracle SQL	Banking system Management System
			Library Management System
			Shopping Cart Management system
3.	Ms. Sunidhi Priyadarshini	Java-J2EE, VB 10, Oracle SQL	Library Management System
			Hospital Management System
			Online bidding system of old furniture

  
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HOD  
CSE, Dumka Engineering College  
HOD/In-charge - CSE Dept  
Dumka Engineering College  
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**B.Tech CSE 7th Sem 2017**  
**4th year Project**

INIV. ROLL	NAME	Project On	Project Group Number	Technology Used	Project Guide Name
0094	PRIVA JHA	Bank Management System	1	Java Swing	Prof. Amit Kumar Pramanik
0095	BINITA MARANDI	Bank Management System	1	Java Swing	Prof. Amit Kumar Pramanik
0096	ANU PRIYA	Exam Management Software	6	HTML,CSS,XAMPP	Prof. Ranadeep Dey
0097	ANAMIKA PRIYA	Hospital Management System	5	Visual Basic 10	Prof. Sunidhi Priyadarshini
0098	KRITIKA KUMARI	Hospital Management System	5	Visual Basic 10	Prof. Sunidhi Priyadarshini
0099	NIRAJ NARAYAN	Bus Reservation System	3	Eclipse IDE for JEE,CSS,HTML,JAVASCRIPT	Prof. Ranadeep Dey
0100	NEHA ROUT	Exam Management Software	6	HTML,CSS,XAMPP	Prof. Ranadeep Dey
0101	SURAJ KUMAR	Library Management System	2	Java-J2EE	Prof. Sunidhi Priyadarshini
0102	MD MUZAMMIL	Library Management System	2	Java-J2EE	Prof. Sunidhi Priyadarshini
0103	ARCHANA KUMARI	Library Management System	2	Java-J2EE	Prof. Sunidhi Priyadarshini
0105	BISHU PANDIT	Bus Reservation System	3	Eclipse IDE for JEE,CSS,HTML,JAVASCRIPT	Prof. Ranadeep Dey
0106	JYOTI SWETLANA MARANDI	Hospital Management System	5	Visual Basic 10	Prof. Sunidhi Priyadarshini
0107	MANISH KUMAR	Bus Reservation System	3	Eclipse IDE for JEE,CSS,HTML,JAVASCRIPT	Prof. Ranadeep Dey
0108	RAVISHAK KUMAR SINHA	Library Management System	2	Java	Prof. Sunidhi Priyadarshini
0109	RAJ BAKSHI	Shopping Cart Management System	4	J2EE,CSS,HTML,JAVASCRIPT	Prof. Amit Kumar Pramanik
0110	KESHAW PANDEY	Library Management System	2	Java-J2EE	Prof. Sunidhi Priyadarshini
0111	URBI ROOJ	Bank Management System	1	Java Swing	Prof. Amit Kumar Pramanik
0112	NAMAN BHARDWAJ	Exam Management Software	6	HTML,CSS,XAMPP	Prof. Ranadeep Dey
0113	MD AIMATULLAH	Bus Reservation System	3	Eclipse IDE for JEE,CSS,HTML,JAVASCRIPT	Prof. Ranadeep Dey
0168	SUSHANTI MURMU	Shopping Cart Management System	4	J2EE,CSS,HTML,JAVASCRIPT	Prof. Amit Kumar Pramanik
00167	RENNIE RICHA SOREN	Exam Management Software	6	HTML,CSS,XAMPP	Prof. Ranadeep Dey
00200	RAVINDRA KUMAR	Bank Management System	1	Java Swing	Prof. Amit Kumar Pramanik
00199	RAVI KANT RAUT	Shopping Cart Management System	4	J2EE,CSS,HTML,JAVASCRIPT,	Prof. Amit Kumar Pramanik
00169	NAVINATA KUMARI	Shopping Cart Management System	4	J2EE,CSS,HTML,JAVASCRIPT,	Prof. Amit Kumar Pramanik
00201	ANIL KUMAR VISWAKARMA	Hospital Management System	5	Visual Basic 10	Prof. Sunidhi Priyadarshini



**Computer Science & Engineering**

Minutes of Meeting

SL NO.	AGENDA	DISCUSSED
1	Number of students per group and number of groups.	Each group must have 3 to 4 members and altogether 6 groups has been finalized.
2	Procedure for selection of projects' topic.	Students will finalize their project topic by the help of their assigned supervisor within 4 <sup>th</sup> January, 2019. The topics must be of recent trend.
3	Allocation of project supervisors.	The distribution of groups among the supervisors has been made. The distribution is given below.

Group Number	Roll Number	Reg. Number	Name	Supervisor Name
Group 1	0013	0164/15	Amar Kumar	Mr. Rensdeep Dey
	0149	0197/15	Shankar Vishwakarma	
	0015	0002/15	Pooja Kumari	
Group 2	0175		Liday Ghosh	
	0174		Pankaj Marandi	
	0148	0194/15	Pritam Kumar Modi	
Group 3	0177		Bineet Bergamlin Soren	Mr. Anil Kumar Pramanik
	0004	0076/15	Vikas Kumar	
	0005	0122/15	Priya Kumari	
	0147	0111/15	Mid Naved	
Group 4	0173		Usha Kumari	Ms. Sumitri Priyadarshini
	0002	0168/15	Sobhashish Das	
	0003	0009/15	Rahul Kumar Mandal	
	0010	0105/15	Binay Chandra Kole	
	0176		Sudhakar Dubey	



**Computer Science & Engineering**

Group 5	0001	0035/15	Tazeen Hhat	Ms. Samparna Mandal
	0007	0178/15	Bijay Kumar Sanyal	
	0009	0114/15	Nayna Das	
	0016	0049/15	Soemlata Kumari	
Group 6	0006	0159/15	Pritam Kumar	
	0008	0130/15	Ankita	
	0011	0094/15	Veena Kisku	
	0012	0116/15	Anama Oraon	

**Project Allocation Details:**

  
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### Computer Science & Engineering

Ref: DEC/CSE/ PRC/2019/001

Date: 06.01.2019

#### Notice

All the CSE students of 7<sup>th</sup> semester, are hereby informed that the project allocation details will as follows:

Group Number	Roll Number	Reg. Number	Name	Topic	Supervisor Name	
Group 1	0013	0164/15	Amar Kumar	E- Journal Submission & Review Portal	Mr. RanadeepDey	
	0149	0197/15	Shankar Viswakarma			
	0015	0002/15	Pooja Kumari			
Group 2	0175		Uday Ghosh	Online Agricultural Information Management		Mr. RanadeepDey
	0174		Pankaj Marandi			
	0148	0194/15	Pritam Kumar Modi			
	0177		Bineet Benjamin Soren			
Group 3	0004	0076/15	Vikash Kumar	Implementation of Quick Car Rental Services	Mr. Amit Kumar Pramanik	
	0005	0152/15	PriyaKumari			
	0147	0111/15	MdNaved			
	0173		Uma Kumari			
Group 4	0002	0168/15	Snehashish Das	Personality Prediction through CV Analysis	Ms. Sunidhi Priyadarshini	
	0003	0009/15	Rahul Kumar Mandal			
	0010	0105/15	Binay Chandra Kole			
	0176		Sudhakar Dubey			
Group 5	0001	0035/15	TazeenIffat	City Classified and search Method	Ms. Sampurna Mandal	
	0007	0178/15	Bijay Kumar Saw			
	0009	0114/15	Nayna Das			
	0016	0049/15	SomlataKumari			
Group 6	0006	0159/15	Pritam Kumar	Project on Connecting Globe		Ms. Sampurna Mandal
	0008	0130/15	Ankita			
	0011	0094/15	VeenaKisku			
	0012	0116/15	Anima Oraon			

*Amit Kumar Pramanik*  
6.1.19.

PRC, Chairman

Amit Kumar Pramanik

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## Department of Electrical Engineering

Reference No: DEC/EE/ 2017/

Date: 01/10/2017

The following is the group of students for final year project of session 2014-18

2017-2018

SL NO.	ROLL NO.	REG. NO	NAME	SUPERVISOR NAME	TITLE	RELEVANT PO & PSO
1	00115	0139/14	Ronald Praveen Toppo	MS. SWAGATA KUNDU	STUDY THE FOOTSTEP POWER GENERATION USING PIEZOELECTRIC TRANSDUCER	PO5, PO6, PO7, PO8, PO9, PO12, PSO1, PSO2
2	00116	0069/14	Veeru Kumar Turi			
3	00117	0036/14	Om Prakash Mandal			
4	00118	0085/14	Anil Murmu			
5	00119	0130/14	Sanjay Tudu			
6	00120	0047/14	Santosh Hansda			
7	00142	0018/14	Ajmal Shadab			
8	00143	0068/14	Indrajeet Kumar	MR. SUBIR DAS	HOME AUTOMATION USING ARDUINO	PO5, PO6, PO8, PO9, PO10, PSO1, PSO2
9	00144	0008/14	Md. Zeeshan			
10	00145	0027/14	Sanjeev Kumar Kisku			
11	00146	0034/14	Pankaj Kumar Mahato			
12	00147	0123/14	Bal Krishnan			
13	00148	0120/14	Priyatma Kumari			
14	00149	0122/14	Kundan Oraon	MR. SUBHADIP	SOLAR BASED UPS	PO5, PO6, PO7, PO8,



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## Department of Electrical Engineering

15	00150	0039/14	Pappu Kumar Yadav	CHANDRA	SYSTEM	PO9, PO10, PSO1, PSO2
16	00151	0052/14	Susanna Kisku			
17	00152	0037/14	Kunal Nand Prasad			
18	00153	0019/14	Aadil Ahsan			
19	00154	0046/14	Sandeep Kumar Mahto			
20	00155	0154/14	Diwakar Bediya	MR. SRIJIB BANERJEE	HOME AUTOMATION SYSTEM	PO5, PO6, PO8, PO9, PO10, PSO1, PSO2
21	00156	0102/14	Joyeta Mondal			
22	00157	0121/14	Pankaj Hembrom			
23	00158	0032/14	Rajendra Prasad			
24	00159	0125/14	Amit Kumar			
25	00160	0161/14	Sweety Kumari Yadav			
26	00161	0084/14	Ajay Kumar Mahto	MR. SUBHADIP CHANDRA	SOLAR TRACKING SYSTEM	PO5, PO6, PO7, PO10, PO11, PO12, PSO1, PSO2
27	00162	0053/14	Suklal Hembram			
28	00163	0060/14	Supriya Kumari			
29	00164	0043/14	Rohit Anand Soren			
30	00165	0127/14	Vishal Kumar Saw			
31	00171	0013/15	Sonu Kumar			
32	00172	0017/15	Rajeev Kumar Pandit	MR. RAJEEV RANJAN PATHAK	ULTRA SIMPLE INVERTER CIRCUIT	PO5, PO6, PO8, PO9, PO10, PSO1, PSO2
33	00173	0003/15	Ashish			

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			Ranjan			
34	00174	0104/15	Gourav Kumar			
35	00175	0079/15	Ekta Bharti			
36	00177	0063/15	Sakshi Singh			
37	00178	0084/15	Shailesh Tana Bhagat			
38	00179	0085/15	Pushpaj Kumar	MR. SRIJIB BANERJEE	Electronic Voting Machine	PO5, PO6, PO8, PO9, PO10, PO1, PSO1, PSO2
39	00202	0191/15	Kajal Kishore Rajohari			
40	00203	0200/15	Sudam Soren			
41	00204	0188/15	Suman Kumar			
42	00205	0187/15	Akshay Ashish			

  
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## Department of Electrical Engineering

Reference No: DEC/EE/ 2019/

Date: 01/10/2019

The following is the group of students for final year project of session 2016-20

2019-2020

SL NO	ROLL NO.	REG. NO	NAME	SUPERVISOR NAME	TITLE	RELEVANT PO & PSO
1	172021800108	SKMU24014	Ayush Kumar	MR. PANKAJ SARKAR	FOREST FIRE PROTECTION WITH SMS NOTIFICATION	PO5, PO6, PO7, PO8, PO9, PO10, PSO1, PSO2
2	172021800109	SKMU23984	Kaushik Dutta			
3	172021800110	SKMU23989	Deepak Kumar Rana			
4	172021800111	SKMU23985	Pankaj Kumar Sah			
5	172021800112	SKMU23990	Md. Shadab			
6	172021800113	SKMU23991	Mani Prasad Rajak	MR. SUBHADIP CHANDRA	DUAL AXIS SOLAR TRACKING SYSTEM	PO5, PO6, PO7, PO8, PO9, PO10, PSO1, PSO2
7	172021800114	SKMU23992	Jitendra Kumar			
8	172021800115	SKMU23993	Ritesh Kumar Karna			
9	172021800116	SKMU23994	Deepak Kumar Manjhi			
10	172021800117	SKMU23986	KhushbooKumar			
11	172021800118	SKMU23995	Manish Kumar Tiwari	MR. RAJEEV RANJAN PATHAK	SOLAR MOBILE CHARGER	PO5, PO6, PO7, PO8, PO9, PO12, PSO1, PSO2
12	172021800119	SKMU23996	Sandhya Rani			
13	172021800120	SKMU23997	SurajRabidas			
14	172021800121	SKMU23998	Santosh Kumar Mandal			
15	172021800122	SKMU23999	Sunny Soren			
16	172021800123	SKMU24000	Anuj Kumar	MRS. SWETA	TEMPERAT	PO5, PO6,

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## Department of Electrical Engineering

17	172021800124	SKMU24001	Soren Md Asif Alam	KUMARI	URE CONTROLL ED SPEED REGULATI ON OF SINGLE PHASE INDUCTIO N MOTOR BY USING PWM	PO7, PO10, PO11, PO12, PSO1, PSO2
18	172021800125	SKMU24002	Rohit Raj			
19	172021800126	SKMU23987	Vijay Kumar			
20	172021800127	SKMU24003	Harsha Singh			
21	172021800128	SKMU24004	Rohit Raman	MR. PANKAJ SARKAR	LDR BASED SMART STREET LIGHT	PO5, PO6, PO7, PO8, PO9, PO12, PSO1, PSO2
22	172021800129	SKMU24005	NarsinghHe mbrom			
23	172021800130	SKMU24006	Sandesh Kumar Paswan			
24	172021800131	SKMU24007	Sanjay Murmu			
25	172021800132	SKMU24008	Arjun Kumar Thakur			
26	172021800133	SKMU24009	Amit Kisku	MR. PANKAJ SARKAR	PIR MOTION SENSOR BASED HOME AUTOMATI ON	PO5, PO6, PO7, PO8, PO9, PO10, PSO1, PSO2
27	172021800134	SKMU23988	Rahul Kumar			
28	172021800135	SKMU24010	SoniKumari			
29	172021800155	SKMU24013	Sourav Kumar			
30	172021800156	SKMU24011	Riya Verma	MR. SUBHADIP CHANDRA	SPEED CONTROL OF MOTOR BY CHANGE IN TEMPERAT URE	PO5, PO6, PO7, PO8, PO9, PO10, PSO1, PSO2
31	172021800157	SKMU24012	DebjitMallik			
32	172021800161	SKMU20614	Pintu Kumar Saw			
33	172021800180	SKMU20616	MdMazidHu ssian			
34	172021800181	SKMU20621	SeeptraKuma ri	MR. RAJEEV RANJAN PATHAK	SOLAR POWERED LED DISPLAY BOARD	PO5, PO6, PO7, PO8, PO9, PO10, PSO1, PSO2
35	172021800190	SKMU20617	Dimple Raj			
36	172021800191	SKMU20620	Isha Rani Tudu			
37	182021800106	SKMU20618	RuchiKumari			
38	182021800107	SKMU20619	Nikita Singh			

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## Department of Electrical Engineering

Reference No: DEC/EE/ 2020/

Date: 01/10/2020

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2020-2021

SL NO	ROLL NO.	REG. NO	NAME	SUPERVISOR NAME	TITLE	RELEVANT PO & PSO
1	182021800085	SKMU20561	MONIMOY BANERJEE	MR. RAJEEV RANJAN PATHAK	DUSTY: SMART DUSTBIN	PO5, PO6, PO7, PO8, PO9, PO10, PSO1, PSO2
2	182021800086	SKMU20565	ABHISHEK KUMAR			
3	182021800101	SKMU20578	VISHAL CHOUDHARY			
4	182021800104	SKMU20584	MANISH KUMAR SINGH			
5	182021800098	SKMU20573	SOURAV SIKDAR			
6	192021810025	SKMU1824135	PARESH KUMAR HANSDA			
7	182021800082	SKMU20576	GAURI PRIYA	MRS. SWETA KUMARI	AUTOMATIC HAND SANITIZER MACHINE	PO5, PO6, PO7, PO8, PO9, PO10, PSO1, PSO2
8	192021810024	SKMU1824137	MANSHI SHREE LAL			
9	182021800099	SKMU20574	NIDHI KUMARI			
10	182021800093	SKMU20564	SUMEET KUMAR			
11	182021800108	SKMU20571	SUBHAM GORAI			
12	182021800087	SKMU20570	DEVILAL PRAJAPATI			
13	182021800090	SKMU20560	UPAM RAY	MR. PANKAJ SARKAR	HOME AUTOMATIC ON BASED ON MICROWAVE	PO5, PO6, PO7, PO8, PO9, PO12, PSO1, PSO2
14	192021810022	SKMU1824139	AKRITI SINGH			
15	192021810026	SKMU1824134	KALPANA SAGAR			

# Dumka Engineering College

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## Department of Electrical Engineering

16	192021810027	SKMU18241 33	RITESH CHANDRA		E SENSOR	
17	192021810042	SKMU18241 36	AMIT KUMAR			
18	182021800092	SKMU20563	KISHUN HEMBRAM			
19	182021800084	SKMU20579	SUMIT KUMAR GUPTA	MRS. SWETA KUMARI	LIGHT FIDELITY (LI-FI) TECHNOLO GY	PO5, PO6, PO7, PO10, PO11, PO12, PSO1, PSO2
20	182021800100	SKMU20577	INDRAJIT DHIBAR			
21	182021800083	SKMU20583	KUMAR GOURAV			
22	182021800091	SKMU20562	ANMOL KUMAR			
23	182021800103	SKMU20582	ASHOK KUMAR TUDU			
24	182021800095	SKMU20568	SHIMAL TUDU			
25	182021800088	SKMU20575	DEWASHISH GOPE			
26	182021800105	SKMU20585	MUSKAN SAH			
27	182021800096	SKMU20569	BEAUTY KUMARI			
28	182021800081	SKMU20567	ZAINAB PARWEEN			
29	182021800089	SKMU20581	AJAY ARYA			
30	182021800094	SKMU20566	MRITUNJAY KUMAR SINGH			
31	182021800097	SKMU20572	MD. SAYEED ANWAR MALLICK	MR. PANKAJ SARKAR	INFRARED PROXIMITY SENSOR BASED ELECTRONI C FAUCET	PO5, PO6, PO7, PO8, PO9, PO10, PSO1, PSO2
32	182021800102	SKMU20580	SAJJAD HUSSAIN			
33	172021800155	SKMU24013	SOURAV KUMAR			
34	172021800161	SKMU20614	PINTU KUMAR SAW			
35	172021800132	SKMU24008	ARJUN KUMAR THAKUR			

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## Department of Electrical Engineering

36	172021800189	SKMU20615	RAJESH KUMAR RAJAK			
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## Department of Electrical Engineering

Reference No: DEC/EE/ 2018/

Date: 01/10/2018

The following is the group of students for final year project of session 2015-19

2018-2019

SL NO.	ROLL NO.	REG. NO	NAME	SUPERVISOR NAME	TITLE	RELEVANT PO & PSO
1	0034	0141/15	PreetyKumari	MRS. SWETA KUMARI	SOLAR IRRIGATION SYSTEM	PO5, PO6, PO7, PO8, PO9, PO10, PSO1, PSO2
2	0035	0048/15	Mohit Kumar			
3	0036	0158/15	RajkishorHembrom			
4	0037	0121/15	SanyaKumari			
5	0038	0056/15	Prashant Kumar			
6	0039	0077/15	Rajiv Ranjan			
7	0040	0011/15	RamdeoMahato	MR. RAJEEV RANJAN PATHAK	GRASS CUTTER ON SOLAR CELL	PO5, PO6, PO7, PO8, PO11, PO12, PSO1, PSO2
8	0041	0010/15	SanjeevRanjan Mishra			
9	0042	0004/15	Vishal Kumar Singh			
10	0043	0147/15	Deepak Kumar Mahto			
11	0044	0129/15	MahendraHembrom			
12	0045	0088/15	Chandra Kant	MS. SWAGATA KUNDU	SINGLE PHASE INVERTER	PO5, PO6, PO7, PO8, PO9, PO10, PSO1, PSO2
13	0046	0073/15	Rohit Kumar			
14	0047	0142/15	Pallavi Sinha			
15	0048	0046/15	PritiKumari			
16	0049	0092/15	Ravi Shankar Kumar			
17	0050	0078/15	Anku Pathak			
18	0051	0108/15	Bappi Kumar Mahto	MR. SUBHADIP CHANDRA	POWER GENERATION THROUGH SPEED BREAKER	PO5, PO6, PO7, PO8, PO9, PO10, PSO1, PSO2
19	0052	0170/15	RohitChoudhary			
20	0055	0155/15	Dhananjay Kumar Saroj			
21	0056	0012/15	VarshaKumari			
22	0057	0069/15	Sumit Ghosh			
23	0058	0033/15	Sony Kumari	MR. SRIJIB BANERJEE	COMPARATIVE ANALYSIS ON DUAL	PO5, PO6, PO7, PO8, PO9, PO10,
24	0059	0118/15	ShakshiKumari			
25	0060	0102/15	Rahul Kumar			
26	0061	0064/15	Santosh Kumar Choudhary			



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## Department of Electrical Engineering

27	0062	0090/15	SurajChouhan		CONVERTER BASED AC/DC VOLTAGE & FREQUENCY DRIVER USING DIFFERENT POWER SEMI- CONDUCTING DEVICES	PSO1, PSO2
28	0063	0160/15	MdTaufiqueAlam			
29	0064	0109/15	Bishwanath Prasad Vidyarthi			
30	0150	0174/15	Piyush Kumar			
31	0151	0189/15	Subham Kumar	MS. SUTRISHNA PAL	MINI INVERTER	PO5, PO6, PO7, PO8, PO9, PO10, PSO1, PSO2
32	0152	0185/15	AvinashHansda			
33	0153	0193/15	Prabhat Kumar			
34	0190	SKMU24068/16	Chiranjeev Chandra			
35	0191	SKMU24069/16	Bipin Kumar			
36	0025	0171/15	Kanchan Kumar Saha			

  
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**Department of Mechanical Engineering**

List of best, good and average project details

[Academic Year CAYm2 (2017-18)]

Sl. No.	Project name	Guide Name	Student's Name	Relevance with POs	Relevance with PSOs	Remarks
1.	<b>Fabrication of GO-CART</b>	Mr. Lalit Narayan Mahto	Krishnakant verma (00186) Devashish Gaurav (00054) Piyush kumar (00053) Shubham Prasad (00051)	PO2, PO3	PSO1 , PSO2	Best
2.	<b>BOX Transfer machine</b>	Mr. Lalit Narayan Mahto	Vikash Mishra (00180) Sumit kumar (00087) Agrani Sinha (00071) Amit kumar (00183) Rakesh kumar (00091)	PO2, PO3	PSO1 , PSO2	Good
3.	<b>Effect of different cooling rates in the Tensile strength, Torsional strength, toughness of Cast-Iron.</b>	Mr. Rajeev Ranjan Sah	Deepak Kumar Apporva Kumar Sen Binod tirkey Rajkishore mahato.	PO2, PO3	PSO1 , PSO2	Average
4.	<b>Tyre Ejector machine</b>	Mr. Rajeev Ranjan Sah	Sharwan bhैया (00059) Pikesh kumar (00073)	PO2, PO3	PSO, PSO2	Average
5.	<b>Motorised Portable hammering machine</b>	Mr. Manish Thakur	Sanoj kumar (0096/14) Ajay kumara man (0091/14) Shubham Kumar (0141/14) Md. Ghufran Alam (0086/14) Rahul raj (0011/14)	PO2, PO3	PSO1 , PSO2	Good
6.	<b>Dust precipitating device</b>	Mr. Prasenjit sarkhel	Ravi Kumar (00061) Abhishek Takchak (00068) Mintu kumar rawani (00074) Bipul kumar (00083) Suman kumar Mahato (00085)	PO2, PO3	PSO1 , PSO2	Average
7.	<b>Rocker Bogie Mechanism</b>	Mr Rajeev Ranjan Sah	Aman kumar (00057) Saket kumar (00064) Suman kumar (00056) Sukendu karmakar (00052)	PO2, PO3	PSO1 , PSO2	Good

  
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HOD (ME)

Department of Mechanical Engineering


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**Department of Mechanical Engineering**

List of best, good and average project details

[Academic Year CAYm1 (2018-19)]

Sl. No.	Project name	Guide Name	Student's Name	Relevance with POs	Relevance with PSOs	Remarks
1.	<b>Walking Mechanism Based on Modified Pedal Bicycle Mechanism</b>	Mr. RajivRanjan Sah	Gautam Kr Yadav Nitesh Kumar Sagar Mishra Masih Soren	PO2, PO3	PSO1 , PSO2	Good
2.	<b>Numerical Analysis of Transient Heat Transfer Using Matlab.</b>	Mr. SandeepDas	Prashant Kr IshaRaj Murmu Dular Chand Tudu Sanjeev Ranjan Shivam Paswan	PO2, PO3	PSO1 , PSO2	Average
3.	<b>Design and Fabrication of Pedal Operated Potter's Wheel</b>	Mr. Manish Thakur	Raj Sagar Jyoti Kumari Sushmit Kr Ranjan Vicky Dhan	PO2, PO3	PSO1 , PSO2	Good
4.	<b>360 ° Drilling Machine</b>	Mr. LalitNr Mahato	Nitesh Anand Singh Sintu Kr Pranaw Kr Prem Kundan	PO2, PO3	PSO1 , PSO2	Best
5.	<b>Study of Performance &amp; Emission of CI Engine Running On Blend of Castor and Motor Oil.</b>	Mr. SalimAhmad	Suraj Kr Jha DhurvRanjan Balram Kr Gupta Prince Kr Singh	PO2, PO3	PSO1 , PSO2	Average

  
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HOD (ME)

Department of Mechanical Engineering


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**Department of Mechanical Engineering**

**List of best, good and average project details**

[Academic Year CAY (2019-20)]

Sl. No.	Project name	Guide Name	Student's Name	Relevance with POs	Relevance with PSOs	Remarks
1.	<b>Rotary pesticide sprayer using SolarPower</b>	Mr. Rajesh Guria	Abhay Kumar Ravi Hansda Arti Kumari Tarun kumar Mahto	PO2, PO3	PSO1 , PSO2	Good
2.	<b>Automatic waterlevel controller</b>	Mr. SalimAhmad	Md. Mursalin Ansari Abhishek Kumar Md. Asif Mukhtar Vikesh Kumar	PO2, PO3	PSO1 , PSO2	Average
3.	<b>Hydraulic operated lifting trolley</b>	Mr. Rajiv.Ranjan sah	Mandeep Kumar singh Md. AzharudinAnsari Suman Kumar Sanjeev kumar nonia	PO2, PO3	PSO1 , PSO2	Good
4.	<b>Pedal Operated hack saw machine</b>	Mr. Sumit Raj	Rishav kamal Dubey AbhishekChaudhary Sandeep kumar bhakat Abhishek kumar Singh	PO2, PO3	PSO1 , PSO2	Best

  
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Project Review Committee & Faculty Members

HOD (ME)

*Department of Mechanical Engineering*

Group – 1 Guide : Mr. Rajiv Ranjan Sah	Group – 2 Guide : Mr. Sumit Raj	Group – 3 Mr. Manish Thakur
AMAN PUNIT GOPE	RITESH KUMAR	PRINCE KUMAR
SANJEEV SEBASTIAN MURMU	RAJESH RAJ PATEL	SANTOSH KUMAR SINGH
GOPAL KUMAR GORAI	RAVI ORAON	DEEPAK KUMAR
RAKSHIT KUMAR	SANJEEV KUMAR BEDIYA	MANISH HEMBREM
NITISH KUMAR	SACHIN KUMAR	SURAJ KUMAR
MANMOHAN	HARISH KATIYAR	KARAN KUMAR TUDU
Project Title : Comparative Study of Conventional vehicle Vs E vehicle industry	Project Title : Electrical tricycle for physical challenged person	Project Title : Electricity Generation by speed breakers

Group – 4 Guide : Mr. Salim Ahmad	Group – 5 Guide : Mr. Lalit Narayan Mahto	Group – 6 Mr. Sandeep Das
DWIJRAJ PANDEY	SUBHODIP DUTTA	SASHANK SHEKHAR BHARTI
ANKIT KUMAR	SATYAM KUMAR MANJHI	SANTOSH MARANDI
SURYAM SUBHAM	SONU KUMAR SINGH	SHUBHAM KUMAR JAISWAL
AMIT KUMAR	DIGVIJAY	SUMIT SUMAN
MARTIN TUDU	SHUBHAM KUMAR RAHI	RAKESH KUMAR SAH
RAMAN KUMAR		
Project Title : Gearless transmission system	Project Title : Wind Turbine	Project Title : Regenerative breaking system



## MINUTES OF MEETING

Ver 1.0

<b>Name of Unit</b>	(PRC) CE dept	<b>Meeting No</b>	DEC/CE/PRC/2018/001		
<b>Location of Meeting</b>	Departmental office	<b>Meeting Date:</b>	21/06/17	<b>Meeting Time</b>	4:30PM
<b>Participates List</b>					
<b>Name</b>		<b>Designation</b>			
Mr. Pratima Kumari		Asst. professor (HOD in charge)			
Mr. Sujit Kumar		Asst. professor (Chairman PRC)			
Mr. Gourab Mondal		Asst. professor			
Mr. Sougat Mandal		Asst. professor			
Mr. Anurag Sah		Asst. professor			

### Meeting Objectives

1. Allocation of Project Group and their respective guides, Evaluation methodology of projects for the batch of CE 7<sup>th</sup> sem. batch 2014-2018

### Points Discussed:

SI No	Discussion Points
1.	Project Group will consist of maximum five students. Group members will comprise of a two Bright students, 1 average, 1 below average and a weak student.
2.	Allocation of Guides to each project is being done randomly using lottery system.

### Actions Identified

SI No	Actions to be Taken	Responsibility	Target Completion Date
1.	List of Project details to be made available to the students and the PRC.	Mr. Sujit Kumar	28/06/2017
2.	Meeting of Group members and Guide to be held for finalizing the project titles.	-	28/06/2017

The Evaluation scheme of the project work is also finalised and is as follows.

Sl. No.	Performance Indicator	Marks
(i)	Literature Survey / Project Report.	25
(ii)	Presentation	20
(iii)	Internal assessment	30
(iv)	Qualitative/Quantitative quality of project	15
(V)	Viva Voice	10

**Target Date of Next Meeting:**

**Prepared by:** Mr. Sujit Kumar


**Date:** 30/10/17

**Approved by:** PRC

**Date:** 30/10/17

**Distribution:**

1. NBA CO-Ordinator ME
2. HOD ME
3. PRC ME

  
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## Department of Civil Engineering

(To be filled by the Department)

Date:

Group No. \_\_\_\_\_

Project Title: Replacement of Sand by Stone Dust

Name(s) & Roll number(s) of the student(s)

Nayan kumar (172021800174)

Sanjit Malto (172021800071)

Sima Kumari (172021800070)

Deepak Raj (172021800072)

Diwanakar kumar (172021800073)

Guided by: Abul khalid

(For Department use & to be filled by the Guide/HOD)

### Project Evaluation Report

Student Roll No.	Student Name	Presentation (20)	Viva-voce (10)	Project Report (25)	Qualitative /Quantitative Quality of project (15)	Internal Assessment (30)	Grand Total (100)
172021800174	Nayan kumar	15	5	25	14	26	85
172021800071	Sanjit Malto	13	4	25	14	29	85
172021800070	Sima Kumari	19	4	25	14	29	91
172021800072	Deepak Raj	17	5	25	14	26	85
172021800073	Diwanakar kumar	16	4	25	14	26	86

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## Department of Civil Engineering

(To be filled by the Department)

Date:

Group No. \_\_\_\_\_

Project Title: Analysis, Design, planning and cost estimation of G+1 Primary Health Centre

Name(s) & Roll number(s) of the student(s)

Kundan kumar Singh (172021800059)

Shubham Swardaj (1720218000175)

Manish kumar Yadav (172021800060)

Shubham kumar (172021800062)

Sujit kumar (172021800063)

Bhawesh kumar Yadav (172021800064)

Guided by: Abul khalid

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### Project Evaluation Report

Student Roll No.	Student Name	Presentation (20)	Viva-voce (10)	Project Report (25)	Qualitative /Quantitative Quality of project (15)	Internal Assessment (30)	Grand Total (100)
172021800059	Kundan, kr. Singh	17	5	25	14	26	87
172021800175	Shubham Swardaj	17	4	25	14	25	85
172021800060	Manish kr. Yadav	17	5	25	14	26	87
172021800062	Shubham kumar	17	4	25	14	25	85
172021800063	Sujit kumar	19	7	25	14	29	95
172021800064	Bhawesh kr. Yadav	19	7	25	14	28	94

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## Department of Civil Engineering

(To be filled by the Department)

Date:

Group No. \_\_\_\_\_

Project Title: Stabilization of Expensive Soil with Additives

Name(s) & Roll number(s) of the student(s)

Bijay Prakash Nonia (172021800012)

Mainisha Kumari (172021800014)

Aman Kumar (172021800015)

Puja Kumari (172021800016)

Ganga Sagar Hembram (172021800017)

Usha Kiran Bera (172021800169)

Guided by: Abul Khalid

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### Project Evaluation Report

Student Roll No.	Student Name	Presentation (20)	Viva-voce (10)	Project Report (25)	Qualitative /Quantitative Quality of project (15)	Internal Assessment (30)	Grand Total (100)
172021800012	Bijay Prakash Nonia	17	5	25	13	25	85
172021800014	Mainisha Kumari	18	9	25	14	29	95
172021800015	Aman Kumar	18	6	25	13	26	88
172021800016	Puja Kumari	18	7	25	14	29	94
172021800017	Ganga Sagar Hembram	18	7	25	14	29	94
172021800169	Usha Kiran Bera	18	6	25	14	29	93

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## Department of Civil Engineering

(To be filled by the Department)

Date: \_\_\_\_\_

Group No. \_\_\_\_\_

Project Title: Experimental Investigation on Fibre Reinforced Concrete

Name(s) & Roll number(s) of the student(s) using Binding wire

1. Samej Choudhary (17202180007)
2. Tanuja Kumari (17202180008)
3. Ashutosh Raj (17202180009)
4. Rohit Singh (17202180010)
5. Nirbhay Kumar Prasad (17202180011)
6. Francis Xavier Murre (17202180168)

Guided by: DEBASIS PANDA

(For Department use & to be filled by the Guide/HOD)

### Project Evaluation Report

Student Roll No.	Student Name	Presentation (20)	Viva-voce (10)	Project Report (25)	Qualitative /Quantitative Quality of project (15)	Internal Assessment (30)	Grand Total (100)
007	Samej Choudhary	19	8	25	14	28	94
008	Tanuja Kumari	18	7	25	14	27	91
009	Ashutosh Raj	15	6	25	14	27	88
010	Rohit Singh	14	7	25	14	28	88
011	Nirbhay Kumar	18	9	25	14	28	94
0168	Prasad Francis Xavier Murre	18	7	25	14	27	91

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## Department of Civil Engineering

(To be filled by the Department)

Date:

Group No. \_\_\_\_\_

Project Title: Use of Crushed Bricks as aggregate in concrete

Name(s) & Roll number(s) of the student(s)

1. Sandeep Soren (172021800024)
2. Vincent Amond (172021800023)
3. Vishnudeo Ravidas (172021800025)
4. Sunny Kumar (172021800057)
5. Sonu Kumar (172021800058)

Guided by: DEBASIS PANDA.

(For Department use & to be filled by the Guide/HOD)


### Project Evaluation Report

Student Roll No.	Student Name	Presentation (20)	Viva -voce (10)	Project Report (25)	Qualitative /Quantitative Quality of project (15)	Internal Assessment (30)	Grand Total (100)
0023	Vincent Amond	18	7	25	13	27	90
0024	Sandeep Soren	19	8	25	13	28	93
0025	Vishnudeo Ravidas	20	8+1	25	13	28	95
0057	Sunny Kumar	20	7	25	13	27	92
0058	Sonu Kumar	18	8	25	13	27	91

Guide  
Panda

Signature of PRC

HOD

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



# Dumka Engineering College

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(Approved by AICTE, New Delhi & affiliated to Jharkhand University of Technology / Sidhu Kanhu Murmu University, Dumka)

Corporate Office : EM 4/1, Sector - V, Salt Lake, Kolkata - 700 091  
Phone : (91) 33-2357-6163/64/2658/1094, Fax : (91) 33-2357-1097

## Department of Civil Engineering

(To be filled by the Department)

Date:

Group No. \_\_\_\_\_

Project Title: Self-Healing Concrete

Name(s) & Roll number(s) of the student(s)

Surman Kumari (172021800160)

Koushal Kumari (172021800166)

Sunil Mawana (172021800159)

Aditi Nandan (172021800158)

Rohit Kumari Yadav (172021800165)

Guided by: Debasis Panda.

(For Department use & to be filled by the Guide/HOD)

### Project Evaluation Report

Student Roll No.	Student Name	Presentation (20)	Viva-voce (10)	Project Report (25)	Qualitative /Quantitative Quality of project (15)	Internal Assessment (30)	Grand Total (100)
160	Surman Kumari	16	7	24	18	26	90
166	Koushal Kumari	14	7	24	18	27	85
159	Sunil Mawana	20	8	24	18	27	92
158	Aditi Nandan	14	8	24	18	26	85
165	Rohit Kumari Yadav	15	7	24	18	26	85

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Phone : (91) 33-2357-6163/64/2658/1094, Fax : (91) 33-2357-1097

## Department of Civil Engineering

(To be filled by the Department)

Date:

Group No. \_\_\_\_\_

Project Title: A Plastic Roads

Name(s) & Roll number(s) of the student(s)

Talha Nizami (55)  
Mohammad Irfan Ansari (26)  
Gautam Kumar (27)  
Sweta Murmu (28)  
Basudev Singh (29)  
Ashwani Soren (30)

Guided by: Abul Khalid

(For Department use & to be filled by the Guide/HOD)

### Project Evaluation Report

Student Roll No.	Student Name	Presentation (20)	Viva -voce (10)	Project Report (25)	Qualitative /Quantitative Quality of project (15)	Internal Assessment (30)	Grand Total (100)
55	Talha Nizami	19	7	25	12	29	92
26	Mohammad Irfan Ansari	19	6	25	12	29	91
27	Gautam Kumar	18	5	25	12	28	88
28	Sweta Murmu	17	6	25	12	28	88
29	Basudev Singh	17	6	25	12	28	88
30	Ashwani Soren	15	5	25	12	29	86

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## Department of Civil Engineering

(To be filled by the Department)

Date:

Group No. \_\_\_\_\_

Project Title: Global Navigation Satellite System

Name(s) & Roll number(s) of the student(s)

Akash Arman  
Sawan Prasad Mahato  
Aditya Anand  
Vishal Pandey  
Laxmi Hembrom

Guided by: Abul Khalid

(For Department use & to be filled by the Guide/HOD)

### Project Evaluation Report

Student Roll No.	Student Name	Presentation (20)	Viva-voce (10)	Project Report (25)	Qualitative /Quantitative Quality of project (15)	Internal Assessment (30)	Grand Total (100)
	Akash Arman						93
	Sawan Prasad Mahato						88
	Aditya Anand						92
	Vishal Pandey						92
	Laxmi Hembrom						86

Abul Khalid  
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## Department of Civil Engineering

(To be filled by the Department)

Date: \_\_\_\_\_

Group No. \_\_\_\_\_

Project Title: Structural analysis and design of commercial building.

Name(s) & Roll number(s) of the student(s)

Harshit Sinha (0133)

Soumay Ojha (0132)

Pratibha Kiran (0136)

Ujjwal Panma (0134)

Avinash Kumar (0171)

Sushant Kumar Murmu (0135)

Guided by: Debasis Panda.

(For Department use & to be filled by the Guide/HOD)

### Project Evaluation Report

Student Roll No.	Student Name	Presentation (20)	Viva-voce (10)	Project Report (25)	Qualitative /Quantitative Quality of project (15)	Internal Assessment (30)	Grand Total (100)
0133	Harshit Sinha	19	8	24	14	29	94
132	Soumay Ojha	19	8	24	14	28	95
136	Pratibha Kiran	14	8	24	14	26	86
134	Ujjwal Panma	15	7	24	14	26	86
171	Avinash Kumar	15	8	24	14	26	87
135	Sushant Kumar Murmu	14	8	24	14	26	86

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HOD

Debasis Panda





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Phone : (91) 33-2357-6163/64/2658/1094, Fax : (91) 33-2357-1097

## Department of Civil Engineering

(To be filled by the Department)

Date:

Group No. \_\_\_\_\_

Project Title: Small Scale Wastewater Treatment Plant

Name(s) & Roll number(s) of the student(s)

Sandeep Kumar. (0163)  
Nitish Kumar. (0164)  
Shrawan Kumar. (0165)  
Pushpa Kumari. (0167)  
Saroj Ray. (0169)

Guided by: Debasis Panda

(For Department use & to be filled by the Guide/HOD)

### Project Evaluation Report

Student Roll No.	Student Name	Presentation (20)	Viva-voce (10)	Project Report (25)	Qualitative /Quantitative Quality of project (15)	Internal Assessment (30)	Grand Total (100)
163	Sandeep Kumar	16	6	25	13	25	85
164	Nitish Kumar	18	7	25	13	29	92
165	Shrawan Kumar	17	6	25	13	25	86
167	Pushpa Kumari	16	6	25	13	25	85
169	Saroj Ray	16	6	25	13	26	86

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## Department of Civil Engineering

(To be filled by the Department)

Date:

Group No. \_\_\_\_\_

Project Title: Traffic Study & Analysis

Name(s) & Roll number(s) of the student(s)

Abhishek Prakash (0121)

Zamil Akhtar (0118)

Sushil Sanyal (0169)

Sanjay K. Pandey (0117)

Md. Faiyaz Anwar (0120)

Guided by: Sunit Kumar

(For Department use & to be filled by the Guide/HOD)

### Project Evaluation Report

Student Roll No.	Student Name	Presentation (20)	Viva-voce (10)	Project Report (25)	Qualitative /Quantitative Quality of project (15)	Internal Assessment (30)	Grand Total (100)
0121	Abhishek Prakash	19	10	23	24	29	96
0118	Zamil Akhtar	19	10	24	14	30	97
0169	Sushil Sanyal	19	10	23	14	29	95
0117	Sanjay K. Pandey	18	9	22	14	28	91
0120	Md. Faiyaz Anwar	18	8	23	14	28	91

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Dumka Engineering College  
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Near Govt. Polytechnic College, P.O. Shuphatpur  
Dumka, Jharkhand, Pin-814101)



## Department of Civil Engineering

(To be filled by the Department)

Date: \_\_\_\_\_

Group No. \_\_\_\_\_

Project Title: Studies on Natural fibrous materials as fixed bedded beds for Domestic wastewater treatment

Name(s) & Roll number(s) of the student(s)

Shubham Kumar Choudhary (SKMV200596)

Aditya Aryan (SKMV23934)

Apurba Rakha (SKMV23935)

Anubhav Rathi (SKMV23936)

Mukesh Kumar (SKMV23893)

Guided by: Sunit Kumar

(For Department use & to be filled by the Guide/HOD)

### Project Evaluation Report

Student Roll No. /Reg. No	Student Name	Presentation (20)	Viva-voce (10)	Project Report (25)	Qualitative / Quantitative Quality of project (15)	Internal Assessment (30)	Grand Total (100)
SKMV200596	Shubham K Choudhary	18	9	23	14	27	91
SKMV23934	Aditya Aryan	19	10	23	13	28	93
SKMV23935	Apurba Rakha	19	8	24	13	28	92
SKMV23936	Anubhav Rathi	19	9	23	13	29	93
SKMV23893	Mukesh Kumar	20	9	24	14	29	96

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## Department of Civil Engineering

(To be filled by the Department)

Date:

Group No. \_\_\_\_\_

Project Title: Rooftop Rainwater Harvesting System

Name(s) & Roll number(s) of the student(s)

Ritesh Kumar - 199031005030 (00008)  
Sandeep Kr <sup>MURMU</sup> ~~MURMU~~ - 00016  
Yubin Mawandi - 00038  
Bhajat Bhuyan - 00019  
Uma Bharti - 00197

Guided by: Sunit Kumar

(For Department use & to be filled by the Guide/HOD)

### Project Evaluation Report

Student Roll No.	Student Name	Presentation (20)	Viva-voce (10)	Project Report (25)	Qualitative /Quantitative Quality of project (15)	Internal Assessment (30)	Grand Total (100)
00008	Ritesh Kr	29	10	25	14	29	97
00016	Sandeep Kr <sup>MURMU</sup>	26	9	25	14	29	94
00038	Yubin Mawandi	27	9	24	15	29	94
00019	Bhajat Bhuyan	29	8	25	14	28	94
00197	Uma Bharti	19	8	25	15	27	94

Sunit Kumar  
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Dumka, Jharkhand, Pin-814101

Project groups (2017-2021)

R = Representative

GROUP -A

ROLL NUMBER	NAME
13	SUSHIL KUMAR PANDIT ( R )
12	OM PRAKASH MAHATO
14	RAHUL KUMAR SAHA
10	ARUN KUMAR CHOUDHARY
24	RAHUL KUMAR MAHATO
48	MD. SHAHBAZ ALAM
30	PRASHANT KUMAR

GROUP B

ROLL NUMBER	NAME
05	SHIVAM KUMAR GUPTA ( R )
06	SHIWANSHU CHANDRA
07	MD. ALTAF RAZA
47	POULAMI GHOSE
42	AHEM KUMAR
45	VISHAL KUMAR

GROUP C

ROLL NUMBER	NAME
20	VIVEK KUMAR ( R )
36	SONU KUMAR MANDAL
38	DEEPAK KUMAR
18	ADITYA BINAYA
04	KRITY RAJ
22	SAURABH PASWAN

GROUP D

ROLL NUMBER	NAME
15	RISHABH KUMAR ( R )
08	RAJEEV RANJAN
03	AJIT KUMAR SAW
17	SURYA RAJ
26	ANKIT KUMAR
02	NITESH KUMAR (20)

Principal  
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**GROUP E**

ROLL NUMBER	NAME
44	DIVYA KACHHAP ( R )
35	ANUJ KUMAR
32	ABHISHEK KUMAR
23	PANKAJ SOREN
11	SANGITA KUMARI
19	ABHISHEK SUMAN

**GROUP F**

ROLL NUMBER	NAME
34	TUSHAR GUPTA ( R )
33	MD.ESHAN ANSARI
16	SHUBHAM KUMAR PANDEY
21	ASHWANI MADHUKAR
43	NALIN MARANDI
29	TIMOTHIOUS MARANDI

**GROUP G**

ROLL NUMBER	NAME
40	BHOLA PRASAD SAHA ( R )
39	DEVNANDAN KUMAR
37	PRABHASH KUMAR SAH
41	MD. ISRAIL ALAM
25	PRINCE VIVEK DEHRI
46	AMIT KUMAR

**GROUP H**

ROLL NUMBER	NAME
31	MANISH KUMAR GOPE ( R )
01	NITISH KUMAR
28	ANITA KUMARI
27	MADHUMIKA KUMARI
09	CHANDAN KUMAR DEHRI
49	CHANCHAL KUMAR

Approved by  
Gourab Mondal  
H.O.D./incharge  
civil engineering department

  
Principal  
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Near Govt. Polytechnic College, P.O.-Shivpohar  
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## Department of Electronics and Communication Engineering

Ref. No:DEC/ECE/2018/P.R.C./O.A..

### INSTRUCTIONS FOR PROJECT REPORT SUBMISSION BY B. TECH (ECE 8<sup>th</sup> sem ) STUDENTS

All students (B.Tech. ECE Final Year) are required to follow a prescribed sequential format for writing **Major Project** reports, the details of which are given below:

1. The sequence in which the training report material should be arranged and bound should be as follows:
  - i. **Cover page**
  - ii. **Title page**
  - iii. **Contents with title & subtitle, page no.** (Breakup of sections according to explanation is advised).
  - iv. **Certificate**
  - v. **Acknowledgment**
  - vi. **Declaration**
  - vii. **Abstract**
  - viii. **List of Figures**
  - ix. **List of Tables**
  - x. **Notations/nomenclature** (if any)
  - xi. **Executive summary** (with Chapters & sections)
  - xii. **References** (only those references with proper citation which are used in the report) **should be in IEEE format**
  - xiii. **Appendix / Annexure/Data sheets**( if any)
  
2. For text in the of the report a proper format must be followed i.e.  
Chapter heading: **16** font-Times New Roman-**Bold**  
Section heading : **14** font-Times New Roman-**Bold**  
Rest of the text : **12** font-Times New Roman  
Line spacing: **1.5**  

Page Margin :  

1
A4 size pape r
1
  
3. There should be Separator sheets between the chapters mentioning chapter no. & the title & should also carry one transparency with each separator sheet.
  
4. The report must consist of following chapters
  - Chapter 1- **Introduction**
  - Chapter 2- **Project work** (It can span in two or three subchapters depending on type & volume of work. This contains the text & related to hardware & software implementation)
  - Chapter 3- **Results and Discussion**
  - Chapter 4 **Conclusions and future scope**
  
5. **Minimum No. of pages in report should be 76-80**(excluding starting pages and annexure)

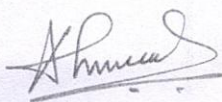



## Department of Electronics and Communication Engineering


Ref. No:DEC/ECE/2018/PRC/01...

6. Numbering of pages upto List of tables should be in (ROMAN -8 font) and the text, beginning with the Introduction, or of Chapter 1, should be numbered consecutively with Arabic numerals.
7. **Page numbers must be placed 1.5cm from the bottom centre of each page.**
8. Numbering of **Tables, Figures and Illustrations** must be done sequentially, including the Chapter number in which it is placed (for example, Figure 2.1, 3.2, etc).
9. Captions for **Figures, Tables and Illustrations** must be placed at the **bottom of each, and centred.**
10. An annexure may be attached for graphs, Tables, images, simulation results etc after the complied report. If the annexure pages are more, then another index page can be attached or added to the main index page.
11. Cover should be hard bound. **Two sets** of reports per group need to be submitted. Students can generate another copy for their own referral.
12. Hard bound thickness cover should entitled with format:

MAY 2014	PROJECT NAME	4110201
		4110202
		4110203
13. A **CD** inculcating soft copy of the report and project needs to be submitted.
14. Internal Project Score will be awarded as per the following criterion
  - i) Innovation and timely completion of project-10%
  - ii) Regularity as per attendance record-20%
  - iii) Quality/standard of project/Individual Sincere Effort-30%
  - iv) Internal Progressive & Viva(mid semester & end semester)-20%
  - v) Project Report-20%
15. The Report should be prepared in consultation of respective guides and the print should be taken only after getting the green signal from guide.

  
( PRC- Chairman )

  
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( HOD,ECE )  
H.O.D. Electronics Communication Engg.  
Dumka Engineering College  
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Near Govt. Polytechnic College,  
Shivpohar Dumka, Jharkhand- 814101



# Dumka Engineering College

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## Department of Electronics and Communication Engineering

Ref. No. : DEC/ECE/2018/PRC.../...

### Project Allocation For Final Year Students

Allocated Faculties and their respective Domains:

Name of the faculty	Domain
Mr. Sujit Khamaru	Micro-processor and Micro-controller based
Mr. Aks Raj	Microwave and Antenna based
Mr. Khondekar Kamal Ahmed	Communication Engineering
Ms. Amrita Roy	Communication Engineering
Mr. Souvik De	Digital Signal Processing
Mr. Anukul Pandey	Digital Signal Processing

Allocated Students:

Roll No.	Student Name	Faculty	Proposed Project Title
00137	NUPUR BHENGRA	Mr. Sujit Khamaru	Plant Moisture Detector
00132	SHWETA KUMARI		
00135	KUMARI JYOTI SHREE		
00170	RESHMA KHATOON	Mr. Aks Raj	Design of Micro Stripped Antenna
00123	ANAMIKA KUMARI		
00138	PRIYA PRABHA		
00133	AMIT ANAND		
00124	GAJALA KHATOON	Mr. Khondekar Kamal Ahmed	Wireless Mobile Charger using Witricity
00128	ANKITA KUMARI		
00131	RUPALI DEY		
00126	TANUSRI KUNDU	Ms. Amrita Roy	Cell Phone Detector and Jammer
00122	SUDHANSHU KUMAR SINGH		
00129	SWEATA SWARNAM		
00130	SATISH KUMAR HEMBROM	Mr. Souvik De	Water Level Detector
00206	PRINCE MILAN		
00140	PRAKASH KUMAR		
00121	AJEET KUMAR SAHU	Mr. Anukul Pandey	Voice Controlled Car
00127	SUDHIR KUMAR PANDEY		
00134	NITESH RANJAN		

Chairman  
(PRC- Project Review Committee)

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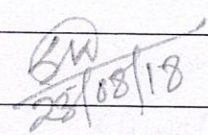
(H.O.D, ECE)

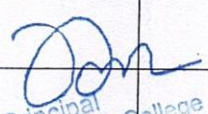
DUMKA ENGINEERING COLLEGE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
PROJECT EVALUATION FORM


PROJECT TITLE	Arduino based plant moisture monitoring & watering system		
REVIEW NO.	Hardware Model Submission	DATE	23/8/18


CANDIDATE DETAILS

S.No	UNIVERSITY REGD. NO	CANDIDATE NAME	GUIDED BY Name & Signature
1.	0044	Kumari Jyoti Shree	}  23/08/18
2.	0165	Nupur Bhengra	
3.	0155	Shweta Kumari	

Subject Matter	MARKS out of 10
Project Outcome	09
Understanding background and topic	07
Specifies Project goals Existing & Proposed System	08
Summaries algorithms and highlights the project features	09
Specifies the testing platforms and benchmark systems	07
Project Planning	08
Summaries the ultimate findings of the project	08
Question and Answer	04
Presentation skills (20)	12
Total	72
Comments	

  
Chairman(PRC)

  
H.O.D.(ECE)

  
Guide

23/8/18  
Asst. Prof. ECE Dept.  
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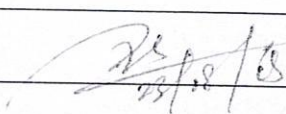
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DUMKA ENGINEERING COLLEGE


DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
PROJECT EVALUATION FORM

PROJECT TITLE	OVERHEAD TANK WATER LEVEL INDICATOR		
REVIEW NO.	Hardware Model Submission	DATE	23/8/2018

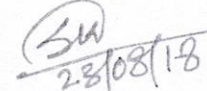
CANDIDATE DETAILS

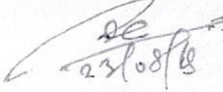
S.No	UNIVERSITY REGD. NO	CANDIDATE NAME	GUIDED BY Name & Signature
1.	0146/14	PRAKASH KUMAR	
2.	0190/15	PRINCE MILAN	
3.	0057/14	SATISH KUMAR MEMBARDI	

Subject Matter	MARKS out of 10
Project Outcome	08
Understanding background and topic	07
Specifies Project goals Existing & Proposed System	04
Summaries algorithms and highlights the project features	05
Specifies the testing platforms and benchmark systems	06
Project Planning	07
Summaries the ultimate findings of the project	07
Question and Answer	06
Presentation skills (20)	14
Total	64
Comments	

  
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Chairman(PRC)

  
23/08/18  
H.O.D.(ECE)

  
23/08/18  
Guide

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Dumka Engineering College  
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H.O.D. Electronics Engineering  
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DUMKA ENGINEERING COLLEGE

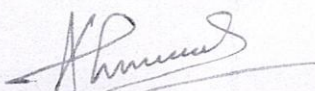
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
PROJECT EVALUATION FORM

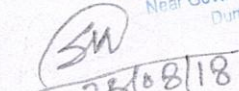
PROJECT TITLE	WIRELESS MOBILE CHARGER		
REVIEW NO.	Hardware Model Submission	DATE	23/08/2018

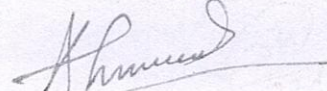
CANDIDATE DETAILS

S.No	UNIVERSITY REGD. NO	CANDIDATE NAME	GUIDED BY Name & Signature
1	0022/14	RUPALI DEY	Kamal Ahmed. 23/08/18
2	0007/14	ANKITA KUMARI	
3	0042/14	GAJALA KHATOON	

Subject Matter	MARKS out of 10
Project Outcome	08
Understanding background and topic	07
Specifies Project goals Existing & Proposed System	06
Summaries algorithms and highlights the project features	07
Specifies the testing platforms and benchmark systems	06
Project Planning	07
Summaries the ultimate findings of the project	06
Question and Answer	07
Presentation skills (20)	14
Total	68
Comments	

  
Chairman(PRC)

  
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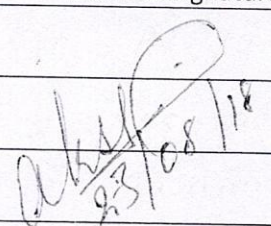
Asst. Prof. ECE Dept.  
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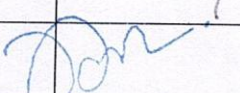
DUMKA ENGINEERING COLLEGE

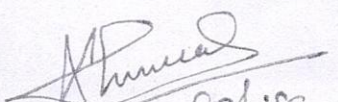
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
PROJECT EVALUATION FORM

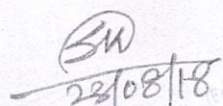
PROJECT TITLE	MICRO STRIP PATCH ANTENNA DESIGN		
REVIEW NO.	Software Cd submission	DATE	23/08/18

CANDIDATE DETAILS

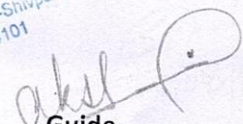
S.No	UNIVERSITY REGD. NO	CANDIDATE NAME	GUIDED BY Name & Signature
	00151/14	Priya Praptha	
	0008/15	Reshama Khatoon	
	0105/14	Anamika Kumari	
	0147/14	Amit Anand	

Subject Matter	MARKS out of 10
Project Outcome	09
Understanding background and topic	08
Specifies Project goals Existing & Proposed System	09
Summaries algorithms and highlights the project features	08
Specifies the testing platforms and benchmark systems	07
Project Planning	08
Summaries the ultimate findings of the project	09
Question and Answer	05
Presentation skills (20)	14
Total	77
Comments	

  
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23/08/18

  
23/08/18  
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
PROJECT EVALUATION FORM

PROJECT TITLE	Cell phone detector & Jammer circuit		
REVIEW NO.	Hardware model Submission	DATE	23/08/2018

CANDIDATE DETAILS

S.No	UNIVERSITY REGD. NO	CANDIDATE NAME	GUIDED BY Name & Signature
01	0065/14	Sudhanshu Kr. Singh	Anurita Roy 23/8/18
02	0059/14	Tanusri Kundu	
03	0128/14	Sweata Swarnam	

Subject Matter	MARKS out of 10
Project Outcome	09
Understanding background and topic	07
Specifies Project goals Existing & Proposed System	06
Summaries algorithms and highlights the project features	07
Specifies the testing platforms and benchmark systems	08
Project Planning	07
Summaries the ultimate findings of the project	08
Question and Answer	07
Presentation skills (20)	16
Total	75
Comments	

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23/08/18

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
PROJECT EVALUATION FORM

PROJECT TITLE	Human voice Robotic car using Bluetooth Module		
REVIEW NO.	Hardware Model Submission	DATE	23/8/2018

CANDIDATE DETAILS

S.No	UNIVERSITY REGD. NO	CANDIDATE NAME	GUIDED BY Name & Signature
1	0009/14	Ajeet Kumar sahu	Mr. ANUKUL PANDEY <i>Anukul Pandey</i>
2	0003/14	Sudhar Kumar Pandey	
3	0056/14	Nitesh Ranjith.	

Subject Matter	MARKS out of 10
Project Outcome	08
Understanding background and topic	07
Specifies Project goals Existing & Proposed System	05
Summaries algorithms and highlights the project features	06
Specifies the testing platforms and benchmark systems	07
Project Planning	06
Summaries the ultimate findings of the project	08
Question and Answer	05
Presentation skills (20)	14
Total	66
Comments	

*[Signature]*  
Chairman(PRC)

*[Signature]*  
Principal  
Dumka Engineering College  
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*[Signature]*  
Guide

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23/8/18  
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Dumka, Jharkhand-814101



# DUMKA ENGINEERING COLLEGE

Department of Electronics and Communication Engineering

Ref. No. : DEC/ECE/2019/PRC.162...

## Project Allocation Methodology

- A. Projects Identification and guide allocation process
- Faculty members declare In-House project statements and interested students approach the Guide.
  - Once mutually decided between faculty and students it has been approved by the department level project review committee and students starts working on the same.
  - These project statements are separated domain wise and distributed among the faculty members.
- B. Project Classification  
Project is divided among the students group-wise according to different fields of Electronics and Communication Engineering.

The Faculties of different fields are listed below

Name of the faculty	Domain
Mr. Sujit Khamaru	Micro-processor and Micro-controller based
Mr. Aks Raj	Microwave and Antenna based
Mr. Khondekar Kamal Ahmed	Communication Engineering
Ms. Amrita Roy	Communication Engineering
Mr. Souvik De	Digital Signal Processing
Mr. Anukul Pandey	Digital Signal Processing
Mr. Somnath Maity	Micro-Electronics and VLSI

Following factors are considered (but not limited) to classify projects in above categories  
**Environment**  
**Safety**  
**Standards**  
**Cost.**

- C. Methodology to assess individual as well as collective contribution/understanding of the project
- For BTech projects university time table based evaluation is carried out in first and second semester of the final year.
  - At the end of the first semester of the final year, students present their work to the guide and expert from a same department.
  - Evaluation sheet is distributed by the project co-ordinator to all the judging teams.
  - Judging is carried out based on various criterion such as
    1. Understanding of Project
    2. Percent Completion of project
    3. Presentation skills
    4. Demonstration
    5. Documentation.
  - Evaluation is carried out on individual basis as well as on team performance.
  - Evaluation is done by judging team and is communicated to the students for further improvement.
  - At the end of the academic year, students present and demonstrate their work to the project review committee and the project guide.
- D. Project Demonstration At the end of final year, as per the university schedule, final viva is arranged. Students demonstrate their project in front of a **Project Review Committee** consisting of Internal project guide, **Departmental Head(HOD)**, testing results, validation done is presented and judged by the **PRC(Project Review Committee)**.

*Kamal*  
2/11/19  
**Chairman**

(PRC- Projec: Review Committee)

*SK*  
5/2/19  
**(H.O.D, ECE)**

Forwarded to: PRINCIPAL

Email:ecedec2018@gmail.com

*SK*  
02/01/2019

*SK*  
Dumka Engineering College  
(Est. by Govt. of Jharkhand & Govt. of West Bengal)  
Near Govt. Polytechnic, Dumka, Jharkhand - 814 111

# DUMKA ENGINEERING COLLEGE

Department of Electronics and Communication Engineering

Ref. No:DEC/ECE/2019/PRC/ 163

Project Allocation for 2015-19 Batch Students

Allocated Students:

Roll No.	Student's Name	Field of Project
0021	Sukdev Kisku	Microprocessor And Microcontroller Based
0024	Kunal Kishore	
0189	Anju Murmu	
0027	Anima Mahato	Microwave Based
0185	Preeti Kumari	
0187	Preeti Kumari	
0188	Shweta Mallick	
0020	Rohit Kr Shaw	Communication Engg. Based
0022	Subham Kr. Sinha	
0026	Indrani Kumari	
0186	Neelam Bharti	
0033	Sanjit Raj	
0018	Puja Kumari	Digital Signal Processing
0028	Satyendra Kumar	
0032	Umesh Kr. Soren	
0031	Ravi Verma	
0019	Kunal Kishor	Communication Engg. (Microelectronics And VLSI Design)
0029	Rahul Kr. Mondal	
0030	Rahul Kumar	
0023	Sourab Das	Microelectronics & VLSI Design.

*Kamal*  
2/01/19  
Chairman  
(PRC-Project Review Committee)

*SK*  
02.01.19  
HOD(ECE)

Forwarded to: Principal

*Don*  
Dumka Engineering College  
(Estd. by Govt. of Jharkhand & Run by Techno India under PPP)  
Near Govt. Polytechnic College, P.O. Shiyapahar  
Dumka, Jharkhand, Pin-814101

Email Id: [ecedec2018@gmail.com](mailto:ecedec2018@gmail.com)

Page 1 of 1

*Pr*  
02/01/2019

# DUMKA ENGINEERING COLLEGE

Department of Electronics & Communication Engineering

## Project Allocation Form

Name of the Members: 1. Satyendra Kumar  
2. Ravi Verma  
3. Umesh  
4. Puja . Puja

(Maximum of 4 & Minimum of 3 members are allowed in a group)

Domain of project: Choice1: DSP

Choice2: Proteus Simulator

- Domains:
1. Microprocessor and Microcontroller based
  2. Microwave based
  3. Communication Engg. Based
  - ✓ 4. Digital Signal Processing based
  5. Micro Electronics & VLSI based

Approved By:

Members of PRC:

Forwarded to:

Principal

DUMKA ENGINEERING COLLEGE

Chairman(PRC)

  
Principal  
Dumka Engineering College  
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Dumka, Jharkhand, Pin.-814101

# DUMKA ENGINEERING COLLEGE

Department of Electronics & Communication Engineering

## Project Allocation Form

Name of the Members: 1. Pooja Kumari (0185)

2. Pooja Kumari (0187)

3. Shweta Mallick (0188)

4. \_\_\_\_\_

(Maximum of 4 & Minimum of 3 members are allowed in a group)

Domain of project: Choice1: VLSI Design

Choice2: DSP Microwave & Antenna Design

- Domains:
1. Microprocessor and Microcontroller based
  2. Microwave based
  3. Communication Engg. Based
  4. Digital Signal Processing based
  5. Micro Electronics & VLSI based

Approved By:

Members of PRC:

Chairman(PRC)

Forwarded to:

Principal

DUMKA ENGINEERING COLLEGE

  
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# DUMKA ENGINEERING COLLEGE

Department of Electronics & Communication Engineering

## Project Allocation Form

- Name of the Members: 1. Rohit Kumar Saw (0020)  
2. Rahul Kumar Mandal (0029)  
3. Rahul Kumar (0030)  
4. \_\_\_\_\_

(Maximum of 4 & Minimum of 3 members are allowed in a group)

Domain of project: Choice1: Communication Engg. Based

Choice2: \_\_\_\_\_

- Domains: 1. Microprocessor and Microcontroller based  
2. Microwave based  
3. Communication Engg. Based  
4. Digital Signal Processing based  
5. Micro Electronics & VLSI based

Approved By:

Members of PRC:

875

Chairman(PRC)

Forwarded to:

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DUMKA ENGINEERING COLLEGE

  
Principal  
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# DUMKA ENGINEERING COLLEGE

PROJECT :

THE DESIGN, SIMULATION AND FABRICATION OF  
VARIOUS MICROSTRIP PATCH ANTENNA FOR VARIOUS  
MICROWAVE APPLICATIONS.

Approved

14/01/19

*Don*  
Dumka Engineering College  
(Est. by Govt. of Jharkhand & Run by Shri Indu under PPP)  
Near Govt. Polytechnic College, P. O. Shyamshar  
Dumka, Jharkhand, PIN-261101

PROJECT MEMBER :

- PREETI KUMARI (0185)
- SHWETA MALLICK (0188)
- PREETI KUMARI (0187)
- ANJANA MAHATO (0027)

# Dumka Engineering College

Project

Abstract

BROAD Title: "EE Data Compression"

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

~~Accepted~~  
Accepted  
Arun Kumar  
11/11/2018

From: -

Puja Kumari  
Ravi Verma  
Satyendra Kumar  
Umesh K. Soren.

# ABSTRACT

The growth of cellular technology and wireless networks all over the world has increased the demand for digital information by manifold. This massive demand poses difficulties for handling huge amount of data that need to be stored and transferred. To overcome this problem compression is used to reduce redundancy in stored or communicated data, thus increasing effective data density. The project focuses on "DATA Compression" and its analysis through MATLAB. The name MATLAB stands for matrix Laboratory. It is a high-performance language for technical computing. It integrates computing, visualization and programming in an easy-to-use environment where problems and solutions are expressed in familiar mathematical notation. Data compression reduces the number of bits needed to store or transmit data. The compressed data can be stored on some storage media like a floppy disk or Compact disk. Compression is important because it helps reduce the consumption of expensive resources such as disk space or connection bandwidth. Compression can be either lossless or lossy. Losslessly compressed data can be decomposed to exactly its original value. There are lot of data compression algorithms which are available to compress files of different formats. This paper provides a survey of different basic lossless data compression algorithm.



HOD  
ECE Department

**DUMKA ENGINEERING COLLEGE**  
**ECE Department Final Year Project Allocation (2017-2021 Batch)**

No. of Project Team	Title of Project	Guided By	Student Name
1.	Microcontroller Based	Mr. Sujit Khamaru	KUMAR KRISHNA PAUL VARSHA KUMARI PAPPU KUMAR YADAV TANNYA PRIYA SIMRAN KUMARI CHANDANI RAJ
2.	Antenna Based	Ms. Amrita Roy	SIKESH KUMAR MADAL PRATHAM KUMAR VISHAL KUMAR AARUPI KUMAR AAKASH KUMAR SINHA
3.	Signal Processing Based	Mr. Khondekar Kamal Ahmed	PRAGATI KUMARI AKASH CHANDRA BHANDARY SHASHANK KUMAR WASIF AHMED ANKIT BENJMiN HANSDA ANGIKA ALEKH
4.	Sensor Based	Ms. Indira Ghosh Dastidar	SUNNY HANSDA ASHOK KUMAR MANDAL SAGAR VARMA SURBHI MANDAL AMISHA KUMARI


  
HOD  
ECE Department

  
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**DUMKA ENGINEERING COLLEGE****ECE Department Final Year Project Allocation (2016-2020 Batch)**

No. of Project Team	Title of Project	Guided By	Student Name
1.	Microcontroller Based	Mr. Sujit Khamaru	ANURADHA BHARTI
			KUMAR MANAS
			PRATIBHA BHANU
			MITHUN KUMAR SAHA
			SHIDHI VINAYAK
2.	Antenna Based	Ms. Amrita Roy	RAHUL PANDEY
			PREM TOPPO
			ZOHEB ATAULLAH
			PRITY ROY
			AMIT VIKRAM PANDEY
3.	Signal Processing Based	Mr. Khondekar Kamal Ahmed	KUMARI NEELAM PAHARIA
			MANJIT KUMAR SOREN
			ANKIT RAJ SINHA
			RAHUL KUMAR THAKUR
			VIKASH KUMAR
4.	VLSI Design Based	Mr. Souvik De	KISHORE CHARAN
			PRIYANKA KUMARI
			PREETAM KUMAR
			RAJ KUMAR SAW
			KAJAL KUMARI
5.	Sensor Based	Ms. Indira Ghosh Dastidar	SUJATA KUMARI
			RAHUL KUMARI
			VINITA KUMARI BANWAR
			DIMPAL RANI



  
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