

## **MANDATORY DISCLOSURE**

**1. Name of the University:**

*Usha Martin University, Ranchi, Jharkhand.*

Address : At Village Narayansoso, Near Angara Block Office, Ranchi-Purulia Highway, Angara, Ranchi-835103, Jharkhand

Phone No. –

E-Mail – [info@umu.ac.in](mailto:info@umu.ac.in)

**2. Name & Address of the Trust:**

*Usha Martin University Foundation*

Address : 24, R.N. Mukherjee Road, Kolkata-700001, West Bengal

Phone No. –

E-Mail –

**3. Name and Address of the Registrar :**

*Dr. Anil Kumar Mishra*

Address: Usha Martin University, At Village Narayansoso, Near Angara Block Office, Ranchi-Purulia Highway, Angara, Ranchi-835103, Jharkhand

Phone No. –

E-Mail – [registrar@umu.ac.in](mailto:registrar@umu.ac.in)

**4. Trustee Details :**

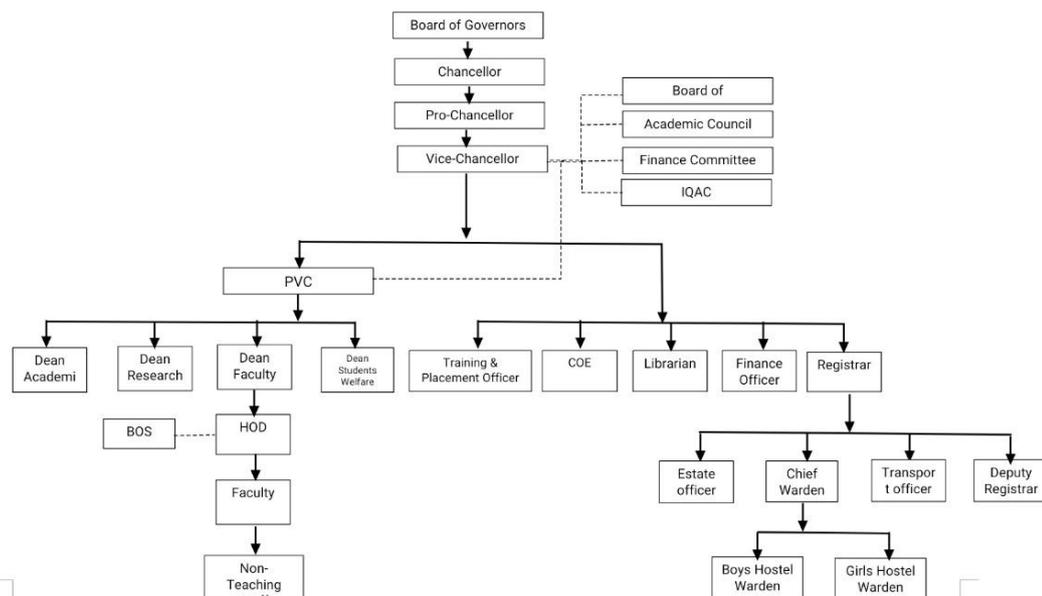
<b>Sl. No.</b>	<b>Name &amp; Father's Name</b>	<b>Designation</b>
01.	Mr. Prashant Jhawar S/O – Shri Basant Kumar Jhawar	Member
02.	Mr. Sidharth Goyal S.O – Shri Naresh Kumar Goyal	Member
03.	Mr. Ravindra Kumar Goenka S.O – Shri Nagendra Goenka	Member
04.	Mr. Hemant Kumar Goyal S.O – Shri Naresh Kumar Goyal	Chairman
05.	Mr. Mukesh Kumar Goyal S.O – Shri Banwari Lal Goyal	Member
06.	Mr. Ashok Kumar S.O – Shri Dalip Singh	Member
07.	Mrs. Kusum Goyal S.O – Shri Hemant Kumar Goyal	Member
08.	Mr. Dilip Kumar Jain S.O – Shri N. C. Jain	Member

- Members of Academic Advisory Body
- 1. Prof. Madhulika Kaushik , VC ( In Chair)
- 2. Prof. S. C. Garg, Pro Chancellor, UMU- Special Invitee
- 3. Prof. S. Triveni, External Member
- 4. Dr. Niranjana Mishra, External Member
- 5. Dr. Akshay Kumar, IGNOU, External Member
- 6. Dr. Ajay Agrawal, External Member
- 7. Prof. Abhiram Rout, HoD, DoP

8. Prof. L Rajesh Patro, HoD, SoP
9. Dr. Vinay Singh, COE, UMU
10. Dr. Arvind Hans, Dean Faculty, UMU
11. Dr. Md Amir Khusru Akhtar, Dean Research, UMU
12. Dr. Ayushi Mishra, Physiotherapy, UMU
13. Dr. Sharmishtha Roy, HoD, FC&IT
14. Dr. Saifullah Khalid, HoD, FBM&C, UMU
15. Dr. Prakash Chandra Panda, HoD, English, UMU
16. Dr. Shahnaaz Zabi, HoD, JMC, UMU
17. Dr. Shubhra Shekhar Chakraborty, HoD, Agriculture UMU
18. Dr. Jagesh Kumar Ranjan, HOD, Forensic Science, UMU
19. Dr. Dinesh Pandey, HoD, Commerce
20. Ms. Sangita Kujur, HoD, Paramedical Sciences, UMU
21. Dr. Swati Sawar, HoD, Legal Studies
22. Dr. Lokesh Kumar, HOD, Electrical UMU
23. Mrs. Sumita Ghose, Assistant Librarian, UMU

- Frequency of the Board Meeting and Academic Advisory Body – Twice in a Year
- Nature and Extent of involvement of Faculty and students in academic affairs/improvements
- Mechanism/Norms and procedure for democratic/good Governance - Available
- Student Feedback on Institutional Governance/ Faculty performance - Available
- Grievance redressal mechanism for Faculty, staff and students – Available

- Organizational chart and processes



24. Committee Details:

A. Establishment of Anti Ragging Committee - Available

i. Anti- ragging Committee:



USHA MARTIN  
UNIVERSITY

Date: 26/04/2022

Campus: At Village Narayansostu,  
Near Angara Block Office,  
Ranchi-Purulia Highway,  
Angara, Ranchi-835103, Jharkhand  
info@ushamartinuniversity.com &  
registrar@umu.ac.in

UMU/NO/ R/04-22/123

**OFFICE CIRCULAR**

The following staff members are nominated to "Discipline & Anti Ragging Committee" with effect from the Academic year 2022- 23 with effect from the date of notification for a period of two years. They should perform all necessary activities related to the committee as per terms of reference.

Discipline & Anti Ragging Committee			
1	Registrar	8210690069	Chairperson
2	DSP Silli	9431770066	Local Police representative
3	Mr.Arvind Sahay	9534118909	NGO Representative
4	Mr.Anil Choudhary	9431326982	Media Representative
5	Dr. Abhishek Pandey	7070364771	Faculty
6	Dr. Sharmistha Roy	9438160946	Faculty
7	Ms. Sujata	7294878408	Non Teaching
8	Mr. Binod Kachhap	8986724263	Parent
9	Rohit Kumar(2 <sup>nd</sup> yr. B.Tech)	8406866013	Fresher Student
10	Shweta Sharma	7992261060	Senior Student

The term of reference of the committee-

1. To ensure discipline in the campus
2. To ensure compliances of all regulations in the campus
3. To prevent ragging in the campus & to check physical harm to the students
4. To Constitute Anti Ragging cell and Anti-ragging squad for preventing ragging in the campus.
5. To liaison with U.G.C, New Delhi for compliance of all queries.
6. To evolve new ideas/ suggestions by members/ Authorities.

Registrar  
UMU, Ranchi

Registrar  
शुभल सचिव  
Usha Martin University  
उषा मार्टिन विश्वविद्यालय  
Ranchi-835103

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**ii. Anti-ragging Squad**

<b>Name of Committee Member</b>	<b>Designation</b>
Registrar	Chairperson
DSP Silli	Local Police
Mr. Arvind Sahay	NGO Representative
Mr. Anil Choudhary	Media Representative
Dr. Abhishek Pandey	Faculty
Dr. Sharmistha Roy	Faculty
Ms. Sujata	Non-Teaching Staff
Mr. Binod Kachhap	Parent
Rohit Kumar	Fresher Student
Shweta Sharma	Senior Student

## B. Establishment of Online Grievance Redressal Mechanism – Available



Ref. No.:

Campus: At Village Narayansoso,  
Near Angara Block Office,  
Ranchi-Purulia Highway,  
Angara, Ranchi-835103, Jharkhand  
info@ushamartinuniversity.com &  
registrar@umu.ac.in

Date:

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Usha Martin University has evolved an elaborate system of grievance redressal of the students. The students can state their grievance regarding any academic and non-academic matter within the campus through the online and grievance/ suggestion box. The institution aims at solving the grievances of the students within stipulated academic and non-academic matter within the campus through the online (email) and grievance/ suggestion box. The Students' Grievance Redressal Committees are constituted at the Department, and University levels to deal with the grievances of the students.

An aggrieved student who has any grievances shall have to make an online complaint by mailing on the email "[grievance@umu.ac.in](mailto:grievance@umu.ac.in)" all the relevant details. On receipt of the online complaint, the concerned Authority shall refer the complaint to the appropriate Student Grievance Redressal Committee along with its comments within 15 days of receipt of the complaint. The Student Grievance Redressal Committee fixes a date for hearing the complaint which is communicated to the concerned Department and the aggrieved student. An aggrieved student may appear either in person or authorise a representative to present the case. The committee shall consider redressing of grievances within a reasonable time. The Committee will give report to the authority about the cases attended to and seek guidance from the higher authorities if required.

  
27/11/22  
Registrar

Usha Martin University

Registrar  
रजिस्ट्रार  
Usha Martin University  
एशा मार्टिन विश्वविद्यालय  
Ranchi-835103 / रैची-835103

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<b>Name of Committee Member</b>	<b>Designation</b>
<b>Registrar</b>	<b>Chairperson</b>
Dr. Anupama Verma	Presiding Officer
Dr. Lopamudra	Faculty Member
Dr. Lokesh Kumar	Faculty Member
Ms. Tulika	Faculty Member
Ms. Rakhi Sharma	Non-Teaching Member
Mr. Abhay Shankar	Non-Teaching Member
Namrata	Pre-final Student
Akanksha Sinha	Pre-final Student
Anmol	Final Student
DSP Sili	Local Police Representative
Mr. Arvind Sahay	NGO Representative
Mr. Anil Choudhary	Media Representative
Dr. Abhishek Pandey	Faculty Member
Dr. Sharmistha Roy	Faculty Member
Ms. Sujata	Non-Teaching Member
Mr. Binod Kachhap	CBI Officer
Rohit Kumar	Fresher Student
Shweta Sharma	Senior Student
Dr. Vinay Singh	Faculty Member
Dr. Ritushree Narayan	Faculty Member
Ms. Sangita Kujur	Faculty Member
Dr. Ashutosh	Faculty Member

**C. Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University– Available**

<b>Name of Committee Member</b>	<b>Designation</b>
Mr. Kedarnath Ambastha	OMBUDSMAN
Dr. Abhishek Pandey	Member
Dr. Lokesh Kumar	Member
Dr. Jagesh Kumar Ranjan	Member
Mr. Rahul Kr Gupta	Member
Prof. B N Dubey	Member



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info@ushamartinuniversity.com &  
registrar@umsu.ac.in

Ref. No.UMU/R/04-22/152

Date:27-04-2022

**TO WHOM IT MAY CONCERN**

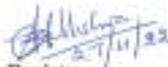
As per the AICTE Regulations 2012, every University offered technical programmes has to appoint an Ombudsman for redressal of grievances of innocent students. The ombudsman has to be appointed by the University on a part time basis.

The Ombudsman has specific powers and functions to redress a variety of grievances of the students against the University or Institution such as admission to a course and any discrimination in evaluation. The Ombudsman has powers to take the assistance of any person belonging to SC, ST and BC, minority, or disabled categories for hearing complaints.

In view of the above, the Vice Chancellor is pleased to appoint Mr. Kedarnath Ambastha retired district judge as Ombudsman of Usha Martin University, Ranchi as an interim arrangement, subject to ratification by EC and procedure as per AICTE guidelines, until further orders.

Further, the Vice Chancellor is pleased to nominate the following members to department Redressal committee for Usha Martin University until further orders.

Dr. Abhishek Pandey - Member  
Dr. Lokesh - Member  
Dr. Jagesh Ranjan - Member  
Prof. B.N. Dubey - Member  
Mr. Rahul Kumar Gupta - Member

  
Registrar  
Usha Martin University

Registrar  
सूत्र सचिव  
Usha Martin University  
उषा मार्टिन विश्वविद्यालय  
Ranchi-835103 / राँची-835103

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## D. Establishment of Internal Complaint Committee (ICC) - Available



Ref. No.: UMU/NO/R/9-23/029

Date: 14/09/2023

### OFFICE CIRCULAR

With reference to UGC notification no. 171 date 2 May 2016 following is the committee of ICC. All concerned are hereby informed that "Internal Complaint Committee" of the University has been extended for 3 years with immediate effect. The members of the committee are:

Internal Complaint Committee		
S. No	Name	Designation
1	Dr Anupama Verma	Presiding Officer
2	Dr Lopamudra Satapathy	Faculty Member
3	Dr Lokesh Kumar	Faculty Member
4	Mrs Tulika Sinha	Faculty Member
5	Mrs. Rakhi Sharma	Non-Teaching
6	Ms Priyanka Pallei	Non-Teaching
7	Mr Arvind Sahay	Ngo Representative (KGVK)
8	Mr Rishu Raj	Student representative Engg. Department
9	Ms Saumya	Student representative PG Department Management (N)
10	Ms Kishangi	Student representative Faculty of Legal Studies
11	Ms Aprajita Roy	Research Scholar/ Student (Business Management/Commerce)

#### **The term of reference of the committee include-**

1. The committee should go through all the definitions mentioned in the notification specially, the definition of Sexual Harassment.
2. The responsibility of the Higher Educational Institution and Internal Complaint Committee should be followed in letter in spirit.
3. The student member should be involved in the meeting only if the complaint is related to any student of University.
4. It will be responsibility of committee to ensure that the provision do not get misused. The employees need to be protected against false or malicious complaints.
5. To acquaint higher officials with the outcome of the complaint received.
6. To submit an annual report to the Authorities in the Campus.

  
Registrar

Usha Martin University, Ranchi

Registrar  
कुल सचिव  
Usha Martin University  
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E. Establishment of Committee for SC/ST – Available



Ref No. UMU/NO/R/9-22/023

Date: 08/09/2022

**OFFICE CIRCULAR**

All the concerned are hereby informed that "SC/ST cell" of the University has been reconstituted with immediate effect for a term of three years. The members of the committee are:

SC/ST cell		
1	Dr. Rupa Kumari	Chairperson
2	Mrs. Sangita Kujur	Member
3	Dr Ritushree Narain	Member
4	Mr. Ibrahim Ansari	Member

  
Registrar  
UMU, Ranchi कुल सचिव  
Usha Martin University  
उषा मार्टिन विश्वविद्यालय  
Ranchi-835103/रांची-835103

Would be responsible:

1. To promote special interest of students belonging to reserved category.
2. To provide special inputs in areas where the students experiences difficulties.
3. To run the complaint cell as per U.G.C guidelines for redressal of grievances of students.
4. To acquaint students of reservation category with the scholarship & other welfare schemes of the State/Central government.
5. To ensure the implementation of the affirmative policy of the government of India/state.
6. To act as a standing Advisory committee on ST/SC community.
7. To ensure compliance of orders of reservation issued for benefit of students of reservation category.
8. To liaison with the Central & State Govt. officials dealing with the welfare of reservation category students.

## STUDENT COUNSELLOR DETAILS

1. Ms. Priyanka Pallavi

Mobile No.: +91-7366078457

Email Id: umu.placement@gmail.com

## UNIVERSITY-INDUSTRY CELL DETAILS



Campus : At Village - Narayansoso,  
Near Angara Block Office,  
Ranchi-Purulia Highway, Angara,  
Ranchi - 835103, Jharkhand  
info@ushamartinuniversity.com &  
registrar@umu.ac.in

Ref. No.: UMU/R/10-23/491

Date: 12/10/2023

### OFFICE CIRCULAR

As per AICTE, Institution-Industry Cell in Usha Martin University is created for the purpose of bridging the gap between emerging requirements of industry and curriculum of educational institution. The cell will start functioning with immediate effect.

Sl. No.	Name of the Committee Member	Designation - Department	Associated as
1.	Dr. Anil Kumar Mishra	Registrar	Chairman
2.	Dr. Priyanka Pallavi	Head of Training & Placement	Member secretary
3.	Dr. Abhishek Pandey	Associate Professor - HoD FEAS	Member
4.	Dr. Gaurav Kumar	Assistant Professor - Mechanical Engineering	Member
5.	Dr. Saam Asher	Assistant Professor - Electrical Engineering	Member
6.	Mr. Rahul Kumar Gupta	Assistant Professor - Civil Engineering	Member
7.	Mr. Samir Kumar Ojha	Assistant Professor - Mining Engineering	Member
8.	Mr. Ranjan Gonguli	Assistant Professor - Computer Science and Engineering	Member

The term of reference of the committee include-

1. The above committee shall continuously liaise with the industry to assess the trends in required competencies at various levels
2. The above committee shall meet periodically and take steps to conduct necessary programme like workshops, seminar, conference, guest lecture etc. regularly to address the gaps between industry requirements and curriculum offered.
3. To provide entrepreneurship training, career guidance and counselling to the students of this institution.

  
Registrar  
Usha Martin University,  
Angara, Ranchi  
Ranchi-835103

## F. Establishment of Internal Quality Assurance Cell



Date: 6/4/2020

Campus : At Village Narayansoso,  
Near Angara Block Office,  
Ranchi Purulia Highway, Angara,  
Ranchi-835103, Jharkhand  
Email : info@ushamartinuniversity.com

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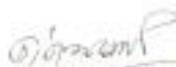
### OFFICE CIRCULAR

The following staff members are nominated to "Internal Quality Assurance Cell(IQAC)" for the Academic Year 2020 – 21 with effect from date of notification. They should perform all necessary activities related to the Cell as per the terms of reference.

Internal Quality Assurance Cell(IQAC)		
1	Prof S.C. Garg(VC)	Chairperson
2	Prof. Madhulika Kaushik(PVC)	Member
3	Registrar	Member
4	Dr. Arvind Hans	Member
5	Dr. Anamir Khosru Akhtar	Member
6	Dr. Abhishek Pandey	Member
7	Dr. Lapamudra Satpathy	Member
8	Ms. Tulika Sinha	Member
9	Dy. Registrar	Member
10	Ms. Shipra Jain	Alumni Member
11	Shri Mahesh Goel	Trustee Member
12	Mr. Suman Shrivastav	Society Member
13	Mr. Saifulah Khalid	Coordinator

The terms of reference of the Cell include-

1. Development and application of quality benchmarks/parameters for the various academic and administrative activities of the University.
2. Facilitating the creation of a learner-centric environment conducive for quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process.
3. Arrangement for feedback responses from students, parents and other stake holder on quality related institutional processes.
4. Dissemination of information on the various quality parameters of higher education.
5. Organization of inner and intra University workshops, seminars on quality related themes and promotion of quality circles.
6. Documentation of the various programs/activities of the University, leading to quality improvement.
7. Acting as a nodal agency of the University for coordinating quality - related activities including adoption and dissemination of good practices.
8. Development and maintenance of institutional database through MIS for the purpose of maintaining or enhancing the institutional quality.
9. Development of Quality Culture in University
10. Preparation of the Annual Quality Assurance Report(AQAR) of the University based on the quality parameters or assessment criteria developed by the relevant quality assurance body (like NAAC, NBA, AB) in the prescribed format.
11. Bi- annual development of Quality Radars(QRs) and Ranking of Integral Units of HEIs based on the AQAR.
12. Interaction with SQACs in the pre and post accreditation quality assessment, sustenance and enhancement endeavors.
13. Any other with the permission of Hon'ble Vice-Chancellor

  
Vice Chancellor  
UMU, Ranchi  
शुभचरिते  
Usha Martin University  
Ranchi, 835103  
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City Office : Room No. 309, 310, Hari Om Tower, 3rd Floor, Circular Road, Lalpur, Ranchi-834001, Jharkhand

## 25. Programmes applied for session 2026-2027 :-

- Name of Programmes applied for AICTE approval: -
  - a. Diploma in Computer Science and Technology
  - b. Diploma in Civil Engineering
  - c. Diploma in Electrical and Electronics Engineering

- d. Diploma in Mechanical Engineering
- e. Diploma in Mining Engineering

Name of Programme	Name of Course	Number of Seats	Duration	Fee
Diploma	Diploma in Computer Science and Technology	120	3 years	2,49,000
	Diploma in Civil Engineering	60	3 years	2,49,000
	Diploma in Electrical and Electronics Engineering	90	3 years	2,49,000
	Diploma in Mechanical Engineering	90	3 years	2,49,000
	Diploma in Mining Engineering	90	3 years	2,49,000

- Name of Programmes accredited by AICTE for session 2025-2026: -

Name of Programme	Name of Course	Number of Seats
Diploma	Diploma in Computer Science and Technology	60
	Diploma in Civil Engineering	60
	Diploma in Electrical and Electronics Engineering	60
	Diploma in Mechanical Engineering	60
	Diploma in Mining Engineering	60

#### 26. Faculty Details:

S. No.	Name	Branch
01.	Dr. Nanda Shakti	Physics
02.	Dr. Jagesh Ranjan	Chemistry
03.	Dr. Kartick Prasad Dey	
04.	Dr. Jayantika Pal	
05.	Dr. Jyotsna Jha	Mathematics
06.	Mr. Shasanka Dev Bhuyan	
07.	Dr. Amit Kumar Prasad	
08.	Dr. Nirupam Sahoo	
09.	Dr. Naveen Bhagat	
10.	Dr. Shimpi Kumari Chaturvedi	English
11.	Dr. S.K Mukul	
12.	Dr. Sharmistha Roy	Computer Science
13.	Mr. Abhinash Jenasamanta	
14.	Ms. Pratima Kumari	
15.	Mr. Shibya Swaroop	
16.	Dr. Abheena Khan	
17.	Dr. Lokesh Kumar	Electrical & Electronics Engineering
18.	Dr. Abhishek Pandey	

19.	Mrs. Karuna Kumari	
20.	Dr. Sarah Asheer	
21.	Dr. Abhinav Kumar	
22.	Dr. Sukriti Patty	
23.	Dr. Asim Ahmad	Mechanical Engineering
24.	Dr. S M Mozammil Hasnain	
25.	Dr. Ashutosh Kumar	
26.	Dr. Gaurav Kumar	
27.	Dr. Lalan Kumar	
28.	Dr. Dharmendra Kumar	
29.	Dr. Prakash Kumar	
30.	Dr. Rohit Agrawal	
31.	Mr. Suraj Mahto	
32.	Mr. Rahul Kumar	
33.	Mr. Atul Pandey	
34.	Mr. Rahul Kumar Gupta	Civil Engineering
35.	Mr. Anurag	
36.	Mr. Akhil Kumar Mishra	
37.	Dr. Munshi Kumar AaroHi	
38.	Mr. Prashant Kumar	
39.	Mr. Lalan Paswan	
40.	Assoc. Prof. Birendra Nath Dubey	Mining Engineering
41.	Mr. Samir Kumar Ojha	
42.	Mr. Vikas Kumar	
43.	Dr. Adrika Roy	
44.	Mr. Suraj Singh	

**27. Fee details for Diploma course: -**

Particular	Fee
Diploma in Computer Science and Technology	2,49,000
Diploma in Civil Engineering	2,49,000
Diploma in Electrical and Electronics Engineering	2,49,000
Diploma in Mechanical Engineering	2,49,000
Diploma in Mining Engineering	2,49,000

- Time schedule for payment of fee for the entire programme: - **First week of the beginning of every academic session.**
- Number of scholarship offered by the University, duration and amount: -

Name of Scholarship offered	Duration	Amount

Merit Based Scholarship	Entire Duration of the Programme	<ul style="list-style-type: none"> <li>➤ 100% for Student securing more than 95% in qualifying exam.</li> <li>➤ Female students having more than 90% in qualifying exam will entitle to get 50% scholarship. 50% for all male student having marks in range 90% - 95% in Qualifying Exam.</li> <li>➤ Female students having more than 90% in qualifying exam will entitle to get 50% scholarship.</li> <li>➤ Female students having in range of 80% to 90% in qualifying exam will entitle to get 50% scholarship.</li> </ul>
Domicile Based Scholarship	Entire Duration of the Programme	10% Scholarship on having Jharkhand domicile

• **Criteria for Fee waivers/scholarship: -**

Merit Based Scholarship	<ul style="list-style-type: none"> <li>➤ 100% for Student securing more than 95% in qualifying exam.</li> <li>➤ Female students having more than 90% in qualifying exam will entitle to get 50% scholarship. 50% for all male student having marks in range 90% -95% in Qualifying Exam.</li> <li>➤ Female students having more than 90% in qualifying exam will entitle to get 50% scholarship.</li> <li>➤ Female students having in range of 80% to 90% in qualifying exam will entitled to get 50% scholarship</li> </ul>
Domicile Based Scholarship	10% Scholarship on having Jharkhand domicile

- Estimated cost of Boarding and Lodging in Hostels: -

**28. Admission Procedure: -**

- Mention the admission test followed, name and address of the attested agency and its URL (website): -
- Number of seats allotted to different test qualified candidate separately (AIEEE/CET/State conducted test/University tests/CMAT/GPAT/Associated conducted test): -
- Calendar for admission against Management/Vacant seats: -
- The policy of refund of the fee, in case of withdrawal, shall be clearly notified: -

**AICTE Refund Policy: -**

In the event of a student / candidate withdrawing before the starting of the courses, the entire fee collected from the student, after a deduction of the processing fee of not more than Rs.1000/- (Rupees One Thousand only) shall be refunded/returned by the Institution. It would not be permissible for Institutions to retain the School /Institution Leaving Certificates in original. If a student leaves after joining the course and if the vacated seat is consequently filled by another student by the last date of admission, the institution must refund the fee collected after a deduction of the processing fee of not more than Rs.1000/- (Rupees One Thousand only) and proportionate hostel rent, where applicable in

case the vacated seat is not filled, the institution should refund the security deposit and return the original documents. Institution should not demand fee for the subsequent years from the students cancelling their admission at any point of time. Fee refund along with the return of certificates should be completed within 7 Days.

29.Criteria and Weightages for Admission: -

30.Information of Infrastructure and other resources available

**i. Laboratory Details: -**

<b>Name of the Laboratory</b>	<b>Lab / Major Equipments</b>
Basic Electrical And Electronics	Transformer Display Board, Analog Component Trainer Kit, Op-Amp Trainer Kit, Logic Gate Trainer Kit
Building Materials & Transportation Lab	Ctm, Sieve Shaker, Impact Tester, Oven, Ductility Testing Machine, Softening Point, Penetration Test
Cad Center	Monitor, CPU, Keyboard etc
Chemistry	Ph Meter, Conductivity Meter, Potentio Meter, Water Bath, Magnetic Stirrer, Digital Weighing Balance
Computer	Monitor, CPU, Keyboard
Engineering Mechanics	Jib Crane, Universal Force Table, SS Beam, Bel Crank Lever, Parallel Force, Combined Inclined P&F Slide
Language	Computers, Projector, Projector Screen, Head Phones, Speaker, Mic, Amplifier, Server System, Cable, Connector
Physics	Ohm Law Setup, Simple Pendulum, Spring Balance, Katers Reversible, MOI of Fly Wheel, Energy Gap of PN Jun
Workshop	Lathe, Miller, Driller, Shaper, Fitting, Carpentry

**ii. Administrative Area :-**

<b>Room Id/Name</b>	<b>Room Type</b>	<b>Area in sqm</b>
201	Cabin for Head of Dept	34.2
202	Cabin for Head of Dept	34.2
301	Cabin for Head of Dept	34.2
301, 201, 402, G1, G16	Office All Inclusive	175.1
302	Faculty Room	37.5
402	Exam Control Office	34.2
ENTRY GATE 1 & 2	Security	30
G1	Placement Office	34.2
G16	Principal Directors Office	35
G18	Housekeeping	17.5
G6	Board Room	33.39
G7	Central Store	70
GM1	Maintenance	15
MAIN GATE	Reception Area	309.2

**iii. Amenities Area: -**

Room Id/Name	Room Type	Area in sqm	Building Number
418	First aid cum Sick Room	70	1
BOYS' HOSTEL	Boys' Hostel	1,415.23	5
CAFETERIA	Cafeteria	296	3
CAFETERIA FIRST FLOOR	Sports Club	245.55	3
G3	Stationery Store	23.3	1
G8	Girls Common Room	153	1
G9	Boys Common Room	149.3	1
GIRLS' HOSTEL	Girls' Hostel	1,400	4
TOILET	Toilet	351.73	1

**iv. Circulation Area: -**

Area Type	Average Carpet Area	Flooring	Painting Done	Electrification & Lighting	Building Number
Corridors	1,500	Yes	Ready	Ready	1

**v. Instructional Area: -**

Room Type	Room Id/Name	Area of Room in sqm	Building Number
Classroom	101	70	3
Classroom	102	70	3
Laboratory	104B	70	1
Tutorial Room	109	70	3
Computer Laboratory	112	176.65	1
CAD Center	206	152	1
Seminar Hall	207	152	1
Laboratory	208	70	1
CAD Center	210A	67	1
CAD Center	211	77	1
Laboratory	212	70	1
Laboratory	213	70	1
Laboratory	303	70	1
Laboratory	304	70	1
Laboratory	305	70	1
Classroom	306	70	1
Classroom	307	98.4	1
Classroom	309	70	1

Classroom	310	70	1
Tutorial Room	311	70	1
Classroom	312	70	1
Classroom	313	70	1
Classroom	314	70	1
Classroom	315	70	1
Laboratory	316	70	1
Laboratory	317	70	1
Laboratory	318	70	1
Laboratory	BS1	112	9
Laboratory	BS2	120	9
Laboratory	BS3	82.5	9
Laboratory	BS4	101	9
Laboratory	CE1	66	8
Laboratory	CE101	140	3
Laboratory	CE2	66	8
Seminar Hall	G10	300	3
Laboratory	G2	80.26	2
Laboratory	G3	80.26	2
Laboratory	G4	84.51	2
Laboratory	G5	84.51	2
Additional Workshop	W2	37.53	2
Additional Workshop	W3	14.2	2
Additional Workshop	W4	102	9
Workshop	WORKSHOP	235.5	2

**vi. Instructional Area - Common Facilities: -**

Room Type	Room Id/Name	Area of Room in sqm	Building Number
Library & Reading Room	105	304.6	1
Language Laboratory	111	70	1
Computer Center	112	176.65	1

**vii. Hostel Facilities: -**

Hostel	Yes / No	No of Rooms	Total Capacity	Location	Hostel Facility
Girl's Hostel	Y	100	250	Within the campus	Owned
Boy's Hostel	Y	100	250	Within the campus	Owned

**viii. Computational Facilities: -**

1. PCs / Laptop exclusively available to students – 180

2. PC / Laptop available in Library – 10
3. PCs / Laptop available in Administrative Office – 8
4. PCs / Laptop available to Faculty Members – 5
5. Number of PCs / Laptop in Language Lab – 30
6. Internet Bandwidth in Mbps – 50
7. Number of Legal Application Software – 20
8. Printers available to student – 6
9. Number of A1 size color printers – 1
10. Number of Legal System Software – 7
11. Number of Open Source Software – 15
12. Number of Proprietary - 0

**ix. Solar Energy Details: -**

1. Total Land available (in sq. m.) – 116428
2. No. of Buildings with Roof Tops – 3
3. Land available for placing solar photovoltaic panels (in sq. m.) – 2000
4. Total approximate roof top available for placing solar photovoltaic panel (in sq. m.) – 4680

**x.** Barrier Free Environment for disabled and elderly persons: -Ramp with two lifts are available.

**xi.** Occupancy Certificate: - In Process

**xii.** Fire and Safety Certificate: - In Process

**xiii.** Library: -

- Total Carpet Area: - 3278 sq.m.
- Number of Library Books/Titles/Journals available

Programme	No. of Library Books	Titles	Journals
Engineering and Technology	4750	550	15

- List of online National/International Journals subscribed: - YES
- E-Library facilities: - YES

**31.Laboratory and Workshop: -**

Semester: - 1 <sup>st</sup>		Subject: - Chemistry
S. No.	Name of Equipment's	
1.	PH Meter	
2.	BOD incubator	
3.	Conductivity Meter	
4.	Water Bath	
5.	Digital Potentiometer	
6.	Turbidity Meter	
7.	Digital Balance	

Semester: - 1 <sup>st</sup>		Subject: - Physics
S. No.	Name of Equipment's	
1	To study the variation of magnetic field with position of paired coils in Helmholtz arrangement along the axis of the coils carrying current.	
2	To determine the frequency of AC mains using resonance produced	

3	by Lorentz force on a stretched wire
4	Energy Band Gap by Four Probe Method with PC Interface
5	Determination of electrical equivalent of heat
6	Determination of wavelength of light from a sodium vapor discharge
7	lamp using Newton's rings interference pattern.
8	To determine the first excitation potential of a gas by Frank- Hertz
9	Experiment.
10	CRO 20MHz, Dual Channel, 2 Trace
11	AND
12	Audio Frequency Function Generator 1Hz to 200KHz
13	To measure the Brewster angle, and hence the refractive index of a
14	transparent material using He-Ne Laser
15	To verify the Faraday's laws of electromagnetic induction.
16	Determination of wavelengths of some prominent spectral lines of mercury light using a plane transmission diffraction grating spectrometer
17	Planck's Constant Apparatus using Photo Cell
18	Objective : To plot Reverse V-I Characteristics of a Vacuum Photocell using different filters.
19	Specifications :
20	DC Regulated Power Supply (P 526) of planks constant 0-1 VDC. Photo cell mounted in wooden box (ME 516 ) having window for injecting light & also to fit the different filters. , One wooden plank (W 526) with 1/2 meter scale, light source with 100W lamp (L 526)
21	& set of filters (G 526)
22	Hall Effect Experiment (Complete Setup)
23	Spin Coater

Semester: - 1 <sup>st</sup> and 2 <sup>nd</sup>		Laboratory Name: - Workshop
S. No.	Name of Equipment's	
1	Bevel Protector 0 To 300 mm	
2	Adjustable Tape Handle	
3	Anvil 25 Kg	
4	Ball Pin Hammer	
5	Claw Pin Hammer 1/2 Lbs	
6	Cross Pin Hammer 200 Gm	
7	Dot Punch 6" Round/Square	
8	Drill Chunk With Shocked 1/2 Inch	
9	Die Set 1/2", 3/4"	
10	Divider Spring 6"	
11	Flate Bastard File 300 mm	
12	Flat Second Cut File 250 mm	
13	Face Hammer 25 mm	
14	Hand Bench Grinder 6"	
15	H.S.S Tool 3/8x6"	
16	H.S.S Tool 1/2x6"	

17	Hand Saw 16"
18	G Clamp
19	Half Round File 300 mm
20	Hand Hacksaw 12"
21	Hacksaw Blade 12"
22	Jack Planner 9"
23	Inside Clipper 6"
24	Knurling Tool
25	Marking Gauge
26	Micrometer
27	Needle File Set
28	Measuring Tape 30 Meter
29	Mallet Hammer 2 X 6"
30	Pipe Vice Round Piller
31	Punch Round
32	Pincere 6"
33	Oil Stone
34	Pipe Wrench 10"
35	Pipe Wrench 12"
36	Outside Caliper 6"
37	Revolving Center (MT3)
38	Round File 300 mm
39	Reamer 3 Mm To 12 mm Set
40	Table Vice 125 mm
41	Tongs Close Flat
42	Triangular
43	Steel Scale 12"
44	Try Square 6"
45	Triangular File 200 mm
46	Taps 1/2 "
47	Taps 3/8"
48	Surface Plate 18"X 18"
49	Shinip Or Shear 12" Strought
50	Soldering Iron
51	Swage Block 12X 12X4"
52	Slage Hammer 1"
53	Vernier Caliper 12"
54	Vernier Height Gauge 12"
55	Universal Surface Gauge 12"
56	Bench Grinder 6" (Hand Bench Grind)
57	Power Hacksaw Machine
58	All Geared Lath Machine

59	Universal Milling Machine
60	Shaping Machine
61	Bench Drilling Machine
62	2HP Motor 1440 Rpm With Push Button Starter
63	Electric Coolant Pump 0.10 HP
64	8" Dia, 4jaw Chuck
65	2HP Motor 1440 Rpm With Reversible Switch
66	6" Dia, 3 Jaw Self Centering Chuck
67	Steady Rest
68	Follow Rest
69	Face Plate
70	Electric Coolant Pump 0.10 HP With Separate Tank
71	Taper Turning Attachment
72	Splash Guard
73	Revolving Center (MT3)
74	Machine Lamp
75	5" Centre Dividing Head
76	Vertical Attachment
77	6" Jaw Size Swivel Base Precision Milling Vice
78	8"Dia Rotary Table
79	6" Dia, 3 Jaw Self Centering Chuck
80	2HP Motor 1440 Rpm With Push Button Starter
81	Slotting Attachment
82	Rack Cutting Attachment
83	2HP Motor 1440 Rpm With Push Button Starter
84	1HP Motor 1440 Rpm With Push Button Starter
85	Drill Chuck With Arbor & Key
86	Wooden Bench

### **Mechanical Laboratories and its Major Equipment's: -**

<b>S. No.</b>	<b>Apparatus / Instrument</b>	<b>Laboratory Name</b>
1	Orifice and Mouthpiece Apparatus	Fluid Mechanics Lab
2	Combined Pipe Friction Measurement Apparatus	Fluid Mechanics Lab
3	Venturimeter and Orificemeter Apparatus	Fluid Mechanics Lab
4	Bernoullis Apparatus	Fluid Mechanics Lab
5	Metacentric Height Apparatus	Fluid Mechanics Lab
6	Pelton Wheel Turbine Test Rig 5 HP	Fluid Mechanics Lab
7	Centrifugal Pump Test Rig	Fluid Mechanics Lab
8	Reciprocating Pump Test Rig	Fluid Mechanics Lab
9	Cam analysis apparatus	Basic Mechanical Engineering Lab

10	Universal governor apparatus	Basic Mechanical Engineering Lab
11	Motorised Gyroscope apparatus	Basic Mechanical Engineering Lab
12	Static & Dynamic balancing Apparatus	Basic Mechanical Engineering Lab
13	Gyroscope Models	Basic Mechanical Engineering Lab
14	CAM & FOLLOWER MODELS	Basic Mechanical Engineering Lab
15	Gear & Gear Train Models	Basic Mechanical Engineering Lab
16	Two Stroke Petrol Engine Model	Basic Mechanical Engineering Lab/IC Engine Lab
17	Two Stroke Diesel Engine Model	Basic Mechanical Engineering Lab/IC Engine Lab
18	Four Stroke Petrol Engine Model	Basic Mechanical Engineering Lab/IC Engine Lab
19	Four Stroke Diesel Engine Model	Basic Mechanical Engineering Lab/IC Engine Lab
20	Cochran Boiler Model	Power Engineering Lab
21	Babcock and Wilcox Boiler Model	Power Engineering Lab
22	Pelton Turbine Model	Power Engineering Lab
23	Francis Turbine Model	Power Engineering Lab
24	Kaplan Turbine Model	Power Engineering Lab
25	Measurement of strain by using a basic strain gauge and hence verify the stress induced.	Measurement & Metrology Lab
26	Speed Measurement by using Stroboscope / Magnetic / Inductive Pick Up	Measurement & Metrology Lab
27	Measurement of flow by using rotameter.	Measurement & Metrology Lab
28	Displacement measurement by inductive transducer	Measurement & Metrology Lab
29	Temperature calibration by using Thermocouple	Measurement & Metrology Lab
30	Determination of negative temperature coefficient and calibration of a thermister	Measurement & Metrology Lab
31	Measurement of force & weight by using a load cell.1	Measurement & Metrology Lab
32	Liquid Level Measurement by using Capacitive Transducer system	Measurement & Metrology Lab
33	Verify characteristics of photo transducer & photo diode.	Measurement & Metrology Lab
34	Heat Transfer in Forced Convection	Heat Transfer Lab

35	Parallel / Counter Flow Heat Exchanger	Heat Transfer Lab
36	Thermal Conductivity of Metal Rod	Heat Transfer Lab
37	Heat Transfer From A Pin Fin	Heat Transfer Lab
38	Heat Transfer in Natural Convection	Heat Transfer Lab
39	Refrigeration Test Rig	Refrigeration & Air Conditioning Lab
40	Emissivity Measurement Apparatus	Refrigeration & Air Conditioning Lab
41	Vapor Absorption Refrigeration Test Rig	Refrigeration & Air Conditioning Lab

### **Mining Engineering Laboratories and its Major Equipment's: -**

<b>S. No.</b>	<b>Apparatus / Instrument</b>	<b>Laboratory Name</b>
1	DUMPY LEVEL WITH STAND	Surveying Lab
2	MEASURING TAP	Surveying Lab
3	MEASURING STAFF	Surveying Lab
4	ELECTRONIC TOTAL STATION	Surveying Lab
5	PLAN TABLE WITH STAND	Surveying Lab
6	GARMINHEND HELD GPS	Surveying Lab
7	DIGITAL THEODOLITE 20" LEAST COUNT WITH TRIPOD	Surveying Lab
8	VERNIER THEODOLITE 20" LEAST COUNT WITH TRIPODS	Surveying Lab
10	RANGING ROD 2M/2 FOLD	Surveying Lab
11	RANGING ROD 3M/3 FOLD	Surveying Lab
12	PRISMATIC COMPASS WITH STAND 1' LEAST COUNT	Surveying Lab
13	GEOLOGY HARDNESS BOX	Geology Lab
14	COLLECTION OF ROCK FORMING MINIRALS	Geology Lab
15	HAND SPECIMEN IGNIIOUSROCK	Geology Lab
16	HAND SPECIMEN SEDIMENTRY ROCK	Geology Lab
17	HAND SPECIMEN METAMORPHIC ROCK	Geology Lab
18	HAND SPECIMEN DIFFERENT TYPE OF MINIRALS	Geology Lab
19	PETROLOGICAL MICROSCOPE	Geology Lab
20	BINOCULAR STREO MICROSCOPE	Geology Lab
21	ROCK THIN SECTION PLATE	Geology Lab
22	MINIRALS THIN SECTION PLATE	Geology Lab
23	METAMORPHIC ROCK FOR HAND SPECIMENS	Geology Lab
24	MARBEL	Geology Lab
25	SCHIST	Geology Lab
26	GNEISS	Geology Lab

27	HORNFELS	Geology Lab
28	AMPHIBOLITE	Geology Lab
29	TALC SCHIST	Geology Lab
30	SLATE	Geology Lab
31	PHYLITE	Geology Lab
32	IGNEOUS ROCKS FOR HAND SPECIMENS	Geology Lab
33	BASALT	Geology Lab
34	GRANITE	Geology Lab
35	RHYOLITE	Geology Lab
36	ANDESITE	Geology Lab
37	OBSIDIAN	Geology Lab
38	PUMICE	Geology Lab
39	SCORIA	Geology Lab
40	GABBRO	Geology Lab
41	PEGMATITE	Geology Lab
42	DIORITE	Geology Lab
43	SEDIMENTRY ROCKS FOR HAND SPECIMENS	Geology Lab
44	SHALE	Geology Lab
45	CLAYSTONE	Geology Lab
46	SILTSTONE	Geology Lab
47	CHALK	Geology Lab
48	LIMESTONE	Geology Lab
49	COQUINA	Geology Lab
50	COAL	Geology Lab
51	EVAPORITE	Geology Lab
52	MUDSTONE	Geology Lab
53	RIPPLED SANDSTONE	Geology Lab
54	DOLOMITE	Geology Lab
55	MINIRALS	Geology Lab
56	QUARTZ	Geology Lab
57	PYRITE	Geology Lab
58	HEMATITE	Geology Lab
59	AMETHYST	Geology Lab
60	MICA	Geology Lab
61	MAGNETITE	Geology Lab
62	FLUORITE	Geology Lab
63	APATITE	Geology Lab
64	ORES	Geology Lab
65	MAGNETITE	Geology Lab
66	BAUXITE	Geology Lab
67	GALENA	Geology Lab
68	SPALERITE	Geology Lab

69	CHALCOPYRITE	Geology Lab
70	CHROMITE	Geology Lab
71	PYROLUSITE	Geology Lab
72	IMPACT STRENGTH INDEX TEST	Mine Environmental Lab
73	CONVERGENCE INDICATOR- TELESCOPI TYPE	Mine Environmental Lab
74	HYDROULIC LOAD CELL 20 TON	Mine Environmental Lab
75	SLAKE DURABILITY INDEX APPARATUS	Mine Environmental Lab
76	POINT LOAD INDEX APPARATUS	Mine Environmental Lab
77	VELOX GL7 (MODIFIED) GAS TESTING FLAME SAFTEY LAMP	Mine Ventilation Lab
78	VELOX GL50 GAS TESTING FLAME SAFTEY LAMP	Mine Ventilation Lab
79	METHANE GAS TESTING CHEMBER/1 NO. VELOX GL7 GAS FLAME SAFTY LAMP	Mine Ventilation Lab
80	GASKET	Mine Ventilation Lab
81	WICK	Mine Ventilation Lab
82	HAMMER GAUGE	Mine Ventilation Lab
83	OUTER GAUGE	Mine Ventilation Lab
84	FINED FILAMENT UNIT	Mine Ventilation Lab
85	TOOL KIT FOR & MAINTENANCE	Mine Ventilation Lab
86	MAGNET UNLOCKER FOR OPENING THE LOCK LAMP	Mine Ventilation Lab
87	LED CAP LAMPS WITH CHARGER, DGMS APPROVED	Mine Ventilation Lab
88	GAS MASK	Mine Ventilation Lab
89	GAS COLLECTION APPARATUS	Mine Ventilation Lab
90	ASPIRATOR-RUBBER ASPIRATOR	Mine Ventilation Lab
91	VACUUM TUBE 150ML WITH RUBBER LID	Mine Ventilation Lab
92	AIR SAMPELING TELESCOPIC	Mine Ventilation Lab
93	HAND GLOVES	Mine Ventilation Lab
94	SAFTEY HELMET	Mine Ventilation Lab
95	SAFTEY SHOE	Mine Ventilation Lab
96	DUST MASK	Mine Ventilation Lab
97	SAFTEY JACKET	Mine Ventilation Lab
98	EAR MUFFS	Mine Ventilation Lab
99	SAFTEY GOOGLES	Mine Ventilation Lab
100	Protodyakonov index Test Apparatus	Rock Mechanics Lab
101	Impact strength index test.	Rock Mechanics Lab
102	Convergence Indicator – Telescopic Type	Rock Mechanics Lab
103	Convergence Indicator - Suspension Type	Rock Mechanics Lab

104	Hydraulic Load Cell 20 Ton Roof Bolt Hydraulic Load Cell	Rock Mechanics Lab
105	Slake Durability Index Apparatus:	Rock Mechanics Lab
106	Point Load Index Test Apparatus:	Rock Mechanics Lab
107	Core Drilling Machine	Rock Mechanics Lab

**Electrical and Electronics Engineering Laboratories and its Major Equipment's: -**

<b>S. No.</b>	<b>Apparatus / Instrument</b>	<b>Laboratory Name</b>
1	Application of Operational Amplifiers .	Measurement & Power Electronics Lab
2	Digital Null Detector.	Measurement & Power Electronics Lab
3	De Sauty's Bridge.	Measurement & Power Electronics Lab
4	Conversion of Galvanometer into Volt meters.	Measurement & Power Electronics Lab
5	Common Emitter Amplifier.	Measurement & Power Electronics Lab
6	Half Weve, Full Wave & Bridge Rectfier.	Measurement & Power Electronics Lab
7	Kelvin Bridge (Industrial) With DC Source.	Measurement & Power Electronics Lab
8	Power Electronics Trainer With 6 Application.	Measurement & Power Electronics Lab
9	Phase Contal Using Triac.	Measurement & Power Electronics Lab
10	SCR Firing Circuit.	Measurement & Power Electronics Lab
11	SCR Single Phase Half Wave , Full Wave.	Measurement & Power Electronics Lab
12	Single Phase Cycloconverter With 1/2 Frequency Counter .	Measurement & Power Electronics Lab
13	Step up chopper .	Measurement & Power Electronics Lab
14	Single Phase Inverter Trainer Using SCR.	Measurement & Power Electronics Lab
15	Synchro Transmitter Synchro Reciver .	Measurement & Power Electronics Lab
16	Wheatstone Bridge .	Measurement & Power Electronics Lab
17	Temperature Controller .	Measurement & Power Electronics Lab
18	DC Motor Speed Control Using SCR 's .	Measurement & Power Electronics Lab

19	DC Position Servo Mechanisam Trainer.	Measurement & Power Electronics Lab
20	DUAL Dac Interface.	Measurement & Power Electronics Lab
21	Ammeter.	Electrical & Electronics Lab
22	Board Trainer.	Electrical & Electronics Lab
23	KCL, KVI Trainer kit.	Electrical & Electronics Lab
24	Verification of KVL With Aluminium Panel.	Electrical & Electronics Lab
25	LCR Resonance Apparatus.	Electrical & Electronics Lab
26	Transformer Display Board Trainer.	Electrical & Electronics Lab
27	Power Electronics Trainer.	Electrical & Electronics Lab
28	Power Supply Signal.	Electrical & Electronics Lab
29	Volt meter.	Electrical & Electronics Lab
30	Thevenin's Theorem.	Electrical & Electronics Lab
31	Super position Theorem.	Electrical & Electronics Lab
32	Tellegan's Theorem.	Electrical & Electronics Lab
33	Reciprocity Theorem.	Electrical & Electronics Lab
34	Norton's Theorem Kit.	Electrical & Electronics Lab
35	Maximum Power Transfer Theorem kit.	Electrical & Electronics Lab
36	Millman's Theorem Kit.	Electrical & Electronics Lab
37	Analog Signal Sampling Reconstruction.	Communication Lab
38	DSB/SSB AM Receiver.	Communication Lab
39	Frequency modulation and Demodulation.	Communication Lab
40	PAM/PPM Modulation and Demodulation.	Communication Lab
41	To Study DSB/SSB Amplitude Modulation .	Communication Lab
42	Application of IC 555.	Analog & Digital Electronics Lab
43	4 Bit Didital Comarator.	Analog & Digital Electronics Lab
44	4 bit counters.	Analog & Digital Electronics Lab
45	4 bit Shift Registers .	Analog & Digital Electronics Lab
46	4 Bit Adder & Subtractor Circuit Using IC 7483.	Analog & Digital Electronics Lab
47	Binary to Gray & Gray to Binary Code Converter .	Analog & Digital Electronics Lab
48	Encoder & Decoder Circuit .	Analog & Digital Electronics Lab
49	FET Charateristics .	Analog & Digital Electronics Lab
50	Flip Flop Using NAND Gates & TTLi's.	Analog & Digital Electronics Lab
51	Liner System Simulator .	Analog & Digital Electronics Lab
52	Logic Gates Using Six TTL.	Analog & Digital Electronics Lab
53	Multiplexer (16 to 1 line Multiplexer & 1 to 16 Line Demultiplexer.	Analog & Digital Electronics Lab

54	Microprocessor 8085 Trainer Kit.	Analog & Digital Electronics Lab
55	Microprocessor Dual Dac Interface .	Analog & Digital Electronics Lab
56	PID Controller Kit.	Analog & Digital Electronics Lab
57	Ram Circuit Using IC 7489.	Analog & Digital Electronics Lab
58	Study of Compensation Network.	Analog & Digital Electronics Lab
59	Verification of Truth Table of Logic Gates Using Universal Gates.	Analog & Digital Electronics Lab
60	PN Junction Diode Trainer Kit.	Analog & Digital Electronics Lab
61	Zener Diode V-I Charateristics Appratus.	Analog & Digital Electronics Lab
62	Zener Diode .	Analog & Digital Electronics Lab
63	Analog comparator Trainer.	Analog & Digital Electronics Lab
64	Timer IC 555.	Analog & Digital Electronics Lab
65	Tranistor PNP, NPN.	Analog & Digital Electronics Lab
66	op- Amp IC	Analog & Digital Electronics Lab
67	Transistor Charateristics Appratus.	Analog & Digital Electronics Lab
68	Analog & Digital Trainer Kit.	Analog & Digital Electronics Lab
69	Half & Full Wave Rectifier Kit.	Analog & Digital Electronics Lab
70	CRO 30 MHZ.	Analog & Digital Electronics Lab
71	Function Genrator 2 MHZ.	Analog & Digital Electronics Lab
72	Digital Multimeter.	Analog & Digital Electronics Lab
73	Bread Bord.	Analog & Digital Electronics Lab
74	Capacitor 25 volt.	Analog & Digital Electronics Lab
75	Transformer 12-0-12.	Analog & Digital Electronics Lab
76	Magnetizing Curve of a DC Series Generator	Electrical Machine Lab
77	Speed Control of D.C. Shunt Motor	Electrical Machine Lab
78	Losses & Efficiency of DC Machine by Hopkinson's Test	Electrical Machine Lab

79	Sumpner's (Back to Back) Test on Single Phase Transformer	Electrical Machine Lab
80	Scott Connection of a Transformer	Electrical Machine Lab
81	Polarity Test and 3-Phase Connections of Single Phase Transformers	Electrical Machine Lab
82	Block Rotar Test of 3 Phase Induction Motor	Electrical Machine Lab
83	Speed Control of 3 Phase Slip-Ring Induction Motor By Rotor Resistance Control	Electrical Machine Lab
84	Thyrister / IGBT Controlled AC Motor Drive with VVVF Controls	Electrical Machine Lab
85	Starting & Reversing the Direction of Rotation of a 1 Phase Induction Motor	Electrical Machine Lab
86	Supplied with 1 Phase Induction Motor (Capacitor Type) 1HP	Electrical Machine Lab
87	OC & SC Test of 3 Phase Synchronous Machine	Electrical Machine Lab
88	Variac 4 Amps Three Phase	Electrical Machine Lab
89	Load Test on 3 phase Squirrel Cage Induction Motor	Electrical Machine Lab
90	Load Test of DC Shunt Motor	Electrical Machine Lab
91	Parameter & Losses in Single phase transformer	Electrical Machine Lab
92	Load & Block Rotor Test on Three Phase Induction Motor	Electrical Machine Lab
93	PLC Trainer with Lecence Software ALLEN BRADLEY	Electrical Machine Lab

### **Civil Engineering Laboratories and its Major Equipment's: -**

<b>S. No.</b>	<b>Apparatus / Instrument</b>
1	Micro processed Control Based Compression Testing Machine 2000 KN Capacity with touch pane
2	Variable Flow Type Air Permeability Apparatus (Blaine Type)
3	Aggregate Crushing Value Apparatus (150 mm)
4	Vicat Apparatus, With Dashpot Non-ISI Mark
5	Le-Chatelier Mould
6	Le -Chatelier Water Bath
7	Le-Chatelier Flask
8	Electronic Balance 5 kg. (0.5 gm Readability)
9	Electronic balance 100 kg. (10 gm. Readability )
10	Cube Mould (70.6 mm) With I.S.I Mark
11	Cube Mould (150 mm) with I.S.I Mark
12	Beam Mould 150 mm x 150 mm x 700 mm made of Cast Iron
13	Beam Mould 100 mm x 100 mm x 500 mm made of Cast Iron
14	Cylindrical Mould 100 mm dia x 200 mm high
15	Cylindrical Mould 150 mm dia x 300 mm high
16	Tamping rod Steel 16 mm dia x 600 mm length
17	Sieve Shaker Motorised

18	Seives, 200mm dia. Spun Brass Frame Size: 4.75mm,2.36mm,2mm,1.70mm,1mm,500mic,90mic, lid and Pan
19	Seives, 450mm dia. G.I. SHEET Frame Size: 80mm,63mm,50mm,40mm,25mm,20mm,16mm,12.5mm,10mm,6.3mm lid and Pan
20	Seives, 450mm dia. G.I. SHEET Frame Size: 4.75mm,2.36mm and 2mm
21	Pycnometer
22	Hot Air Oven (Inside chamber stainless steel) with digital temperature Controller and air circulatiFig fan. Size: 18" x 1 "x 18" Temperature range ambient to 250 Deg.c.
23	Ductility Testing Machine
24	Universal Penetrometer with Automatic Time Controller
25	Pycnometer core test apparatus
26	Bitumen Penetration kit
27	Cleveland Flash (open)& Fire Point Apparatus(Electrically Heated)
28	Thermometer IP 28C, range -6o Ç to 110oC, IP 60C (Range -2oC to 80oC)
29	Ring and Ball Apparatus (Electrically Operated)
30	Standard Tar Viscometer(Electrically Operated)
31	Thermometer IP 8C, range 0o Ç to 440oC,9C, Range 40oC - 85oC,10oC,Range(76oC-122oC)
32	Electronic Balance 5 kg. (0.5 gm Readability)
33	Electronic balance 100 kg. (10 gm. Readability )
34	Serological water bath size 450x300x175mm Testing Apparatus
35	Spachula(Big)
36	Scale Steel
37	Powrah With handle
38	Pickaxe with handle
39	Glycerol 500ml
40	Measuring Cylinder 1000ml
41	Measuring Cylinder 500ml
42	Measuring Cylinder 250ml
43	Wash Bottle 500ml
44	S.G.Bottle 25ml
45	Measuring Cylinder 100ml Glass
46	Measuring Cylinder 50ml Glass
47	Spachula
48	Vernier Calliper
49	Tongs
50	BP Hammer with handle-500gms
51	Paint Brush 2"
52	M.S. Karahi
53	Karni
54	Adjustable Spanner 10"
55	Rubber hand gloves-Victor
56	Leather hand gloves

57	Steel Souce pan
58	Cello Boul Glass(13)
59	Cello Boul Glass(14)
60	Scissors
61	Cylinder 10ml Riviera
62	Cylinder 25ml Riviera
63	Grease 1kg
64	Glass Plate
65	Hot Plate
66	Spanner(10/11 no.)
67	Spanner(12/13 no.)
68	Spanner(14/15 no.)
69	Trowel(Small)
70	BKT Techno Jaguar 18ltr.
71	Mug Viraj 1 ltr.
72	Chaku Lakdi MB Best Steel
73	Scoup(1 no. small)
74	Scoup(2no.)
75	Scoup(4no.)
76	Tray
77	Apparatus for verification of Clarke's Maxwell Reciprocal Theorem
78	Behavior of column and struts apparatus
79	Curved member apparatus
80	Deflection of beam apparatus
81	Elasticity coupled beam apparatus
82	Elastic properties of deflected beam apparatus
83	Three hinged arch apparatus
84	Shear center apparatus
85	Suspension bridge apparatus
86	Portal frame apparatus
87	Redundant joint apparatus
88	Two hinged arch apparatus
89	Unsymmetrical bending apparatus
90	Pinned joint model
91	Bending moment and shear force apparatus
92	Torsion of rods apparatus
93	Thickness Gauge
94	Length Gauge
95	Density Basket For Lab
96	Longitudinal Compressometer (150 Mm Dia.)
97	Vee-Bee Consistometer
98	Buoyancy Balance

99	Relative Density Apparatus
100	Los Angles Abrasion Testing Machine
101	Liquid Limit Device, Hand Operated With Counter
102	Shrinkage Limit Apparatus
103	Mercury 250Gm
104	Plastic Limit Apparatus
105	Hydrometer
106	Hydrometer Glass Jar
107	High Speed Stirrer
108	Compaction Mould (100 Mm Dia) (M.S.)
109	Compaction Mould (150 Mm Dia) (M.S.)
110	Compaction Rammer (Light-2.6Kg)
111	Compaction Rammer (Heavy-4.89Kg)
112	Sand Pouring Cylinder (Large)
113	Laboratory Vane Shear Apparatus (Motorized)
114	Universal Permeameter
115	Auger Outfit (Post Hole Type) With 100 Mm Diamter Auger Head Testing Apparatus
116	Field Density Kit Testing Apparatus
117	Universal Testing Machine 1000kN Capacity
118	Shear Test Attachment
119	Brinell Hardness Test Attachment

### 32. Computing Facilities

Internet Bandwidth	:	50 Mbps
Number and configuration of system	:	170 Pcs (Dual- Core@2.80Ghz, 4 GB RAM- 60pcs) (Intel-Pentium )@3.10Ghz, 4GB RAM- 40 Pcs (Intel13@3.70Ghz, 4 GB RAM- 70 Pcs)
Total number of system connected by LAN	:	170 Pcs
Total number of system connected by WAN	:	170 Pcs (Public WAN)
Major software packages available	:	Window's 10 MS Office standard 2016 MS Server 2016 Lymsys (Library Software) Orellitel (language Software) Auto- CAD
Special purpose facilities available	:	Nil

- Innovation Cell - Available
- Social Media Cell – Available

- Compliance of the National Academic Depository (NAD), applicable to PGCM/PGDM Institutions and University Departments - N.A.
- List of facilities available - Available
- Games and Sports Facilities – Available
- Extra-Curricular Activities – Available
- Soft Skill Development Facilities – Available
- Teaching Learning Process
- Curricula and syllabus for each of the programmes as approved by the University – [sbtejharkhand.nic.in/syllabus.html](http://sbtejharkhand.nic.in/syllabus.html)
- Academic Calendar of the University– Available

33. List of Research Projects/Consultancy Works

- a. Number of Projects carried out, funding agency, Grant received
- b. Publications (if any) out of research in last three years out of masters projects–*N.A*
- c. IndustryLinkage–*Available*
- d. MoUs with Industries (minimum3)–*Available*

34. LoA and Subsequent EoA till the current Academic Year–NA

35. Accounted audited statement for the last three years – Attached Auditor’s Report for the Financial Year 2023-2024

NAME:	Dr. Nanda Shakti	
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DATE OF BIRTH	27.08.1983			
DATE OF JOINING	09 .07.2018			
UNIQUE ID	1-11652241811			
QUALIFICATION	PhD in Applied Physics			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
	7.5 years	2 years	0	0
AREA OF SPECIALIZATION	Experimental Condensed Matter Physics			
PH.D. (COMPLETED/ ONGOING)	completed			
MASTER (COMPLETED/ ONGOING)	completed			
PROJECTS CARRIED OUT	Nil			
PATENTS (FILED & GRANTED)	Nil			
TECHNOLOGY TRANSFER	Nil			
RESEARCH GUIDANCE (NO. OF STUDENTS)	Nil			
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	15			
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	Nil			

NAME:	Dr. Jagesh Kumar Ranjan	
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DATE OF BIRTH	09/10/1987			
DATE OF JOINING	01/09/2019			
UNIQUE ID	1-11536982692			
QUALIFICATION	Ph.D.			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
	4.5 Years			
AREA OF SPECIALIZATION	Polymer Chemistry			
PH.D. (COMPLETED/ ONGOING)	Completed			
MASTER (COMPLETED/ ONGOING)	Completed			
PROJECTS CARRIED OUT	Nil			
PATENTS (FILED & GRANTED)	Nil			
TECHNOLOGY TRANSFER	Nil			
RESEARCH GUIDANCE (NO. OF STUDENTS)	Nil			
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	06			
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	Nil			

NAME:	Dr. Kartick Prasad Dey			
DATE OF BIRTH	10/07/1987			
DATE OF JOINING	16/10/2023			
UNIQUE ID	1-43872881554			
QUALIFICATION	PHD			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
	2 Years		03 Months	
AREA OF SPECIALIZATION	CHEMISTRY			
PH.D. (COMPLETED/ ONGOING)	Completed			
MASTER (COMPLETED/ ONGOING)	Completed			
PROJECTS CARRIED OUT	1			
PATENTS (FILED & GRANTED)	0			
TECHNOLOGY TRANSFER	0			
RESEARCH GUIDANCE (NO. OF STUDENTS)	0			
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	14			
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	0			

NAME:	Dr. Jayantika Pal				
DATE OF BIRTH	15 SEPT 1976				
DATE OF JOINING	18 AUG 2017				
UNIQUE ID	1-11536982722				
QUALIFICATION	PhD				
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS	
	12 Years	12 Years			
AREA OF SPECIALIZATION	MATHEMATICAL MODELING				
PH.D. (COMPLETED/ ONGOING)	COMPLETED				
MASTER (COMPLETED/ ONGOING)	COMPLETED				
PROJECTS CARRIED OUT	Nil				
PATENTS (FILED & GRANTED)	Nil				
TECHNOLOGY TRANSFER	Nil				
RESEARCH GUIDANCE (NO. OF STUDENTS)	02				
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	16				
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	01 ( Publisher: Springer)				

NAME:	Dr. Kumari Jyotsna			
				
DATE OF BIRTH	12/06/1987			
DATE OF JOINING	14/08/2018			
UNIQUE ID	1-11536982761			
QUALIFICATION	Ph.D.			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
	8Years	10.5 Years		
AREA OF SPECIALIZATION	Mathematical Modeling , Non-linear Dynamics			
PH.D. (COMPLETED/ ONGOING)	COMPLETED			
MASTER (COMPLETED/ ONGOING)	COMPLETED			
PROJECTS CARRIED OUT	NA			
PATENTS (FILED & GRANTED)	NA			
TECHNOLOGY TRANSFER	NA			
RESEARCH GUIDANCE (NO. OF STUDENTS)	2			
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	10			
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	0			

NAME:	Mr. SHASANKA DEV BHUYAN			
DATE OF BIRTH	25/07/1994			
DATE OF JOINING	05/004/2022			
UNIQUE ID	1-43423100679			
QUALIFICATION	M Sc in Mathematics			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
	2 years 7 months	3 years		
AREA OF SPECIALIZATION	Mathematical Modeling			
PH.D. (COMPLETED/ONGOING)	Ongoing			
MASTER (COMPLETED/ONGOING)	Completed			
PROJECTS CARRIED OUT	Nil			
PATENTS (FILED & GRANTED)	Nil			
TECHNOLOGY TRANSFER	Nil			
RESEARCH GUIDANCE (NO. OF STUDENTS)	Nil			
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	1			
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	Nil			

NAME:	 Dr. Amit Kumar Prasad			
DATE OF BIRTH	07/06/1992			
DATE OF JOINING	08/12/2022			
UNIQUE ID	1-43876829969			
QUALIFICATION	PHD			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
	2 Years	7 Years		
AREA OF SPECIALIZATION	Applied Mathematics			
PH.D. (COMPLETED/ ONGOING)	Completed			
MASTER (COMPLETED/ ONGOING)	Completed			
PROJECTS CARRIED OUT	1			
PATENTS (FILED & GRANTED)	0			
TECHNOLOGY TRANSFER	0			
RESEARCH GUIDANCE (NO. OF STUDENTS)	0			
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	14			
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	0			

NAME: Dr. Naveen Chandra Bhagat				
DATE OF BIRTH	2nd Aug 1991			
DATE OF JOINING	5th Jan 2026			
UNIQUE ID	1-46655601372			
QUALIFICATION	Ph.D.			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
	6 Months	NA	NA	NA
AREA OF SPECIALIZATION	Numerical Analysis			
PH.D. (COMPLETED/ONGOING)	Completed			
MASTER (COMPLETED/ONGOING)	Completed			
PROJECTS CARRIED OUT	NA			
PATENTS (FILED & GRANTED)	NA			
TECHNOLOGY TRANSFER	NA			
RESEARCH GUIDANCE (NO. OF STUDENTS)	NA			
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	4			
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	NA			

NAME:	DR. SHIMPI KUMARI CHATURVEDI				
DATE OF BIRTH	01/08/1990				
DATE OF JOINING	03/09/2019				
UNIQUE ID	1-11536983226				
QUALIFICATION	M.PHIL, PH.D				
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS	
	10 YEARS 4 MONTHS	NA	NA	NA	
AREA OF SPECIALIZATION	ENGLISH LANGUAGE TEACHING, LINGUISTICS. COMMUNICATION SKILLS				
PH.D. (COMPLETED/ ONGOING)	COMPLETED IN 2017				
MASTER (COMPLETED/ ONGOING)	COMPLETED IN 2012				
PROJECTS CARRIED OUT	NA				
PATENTS (FILED & GRANTED)	NA				
TECHNOLOGY TRANSFER	NA				
RESEARCH GUIDANCE (NO. OF STUDENTS)	1 (3 IN PROGRESS)				
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	5				
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	NA				

NAME: <b>Dr Mukul SK</b>				
DATE OF BIRTH	12/04/1994			
DATE OF JOINING	15/09/2021			
UNIQUE ID	1-43424346422			
QUALIFICATION	PhD in English			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
	4 Years			
AREA OF SPECIALIZATION	English Language Teaching			
PH.D. (COMPLETED/ ONGOING)	Completed			
MASTER (COMPLETED/ ONGOING)	Completed			
PROJECTS CARRIED OUT	No			
PATENTS (FILED & GRANTED)	No			
TECHNOLOGY TRANSFER	No			
RESEARCH GUIDANCE (NO. OF STUDENTS)	One Scholar (Ongoing)			
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	5			
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	0			

NAME:	Dr. SHARMISTHA ROY				
DATE OF BIRTH	22.08.1988				
DATE OF JOINING	01.08.2017				
UNIQUE ID	1-11536983139				
QUALIFICATION	Ph.D. in Computer Science & Engineering				
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS	
	11 years 6 months				
AREA OF SPECIALIZATION	Usability Engineering, Computer Security, Cloud Computing, Machine Learning, MCDM				
PH.D. (COMPLETED/ONGOING)	Completed				
MASTER (COMPLETED/ONGOING)	Completed				
PROJECTS CARRIED OUT	Nil				
PATENTS (FILED & GRANTED)	Prof. (Dr.) Prasant Kumar Pattnaik, Dr. Suneeta Mohanty, <b>Dr. Sharmistha Roy</b> , Rupesh Pal, Sayak Brahmachari, Rupam Ganguli, Sourendu Das, “An Unmanned Aerial Vehicle Based Method and System for Patrolling Over Search and Rescue Area”, Controller General of Patents, Design and Trademarks, Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, Application No. 202031041280. [Published]				
TECHNOLOGY TRANSFER	Nil				
RESEARCH GUIDANCE (NO. OF STUDENTS)	03 Awarded (Ph.D.)				
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN)	37				
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	Nirmalya Kar, Sharmistha Roy, “Secure Electronic Voting- Concepts & Implementation”, LAMBERT Academic Publishing, 2012.				

NAME:	Dr. Abgeena				
DATE OF BIRTH	13.02.1995				
DATE OF JOINING	06.08.2025				
UNIQUE ID	1-46655507582				
QUALIFICATION	PhD				
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS	
	7 Month	5 Year	1 Year		
AREA OF SPECIALIZATION	Brain Computer Interface, Cognitive Neuroscience, Machine Learning, Deep Learning				
PH.D. (COMPLETED/ONGOING)	COMPLETED Year 2025				
MASTER (COMPLETED/ONGOING)	COMPLETED Year 2019				
PROJECTS CARRIED OUT	-				
PATENTS (FILED & GRANTED)	Title of the invention: CULTURALLY-AWARE EMOTION RECOGNITION FROM FMRI USING DYNAMIC FUNCTIONAL CONNECTIVITY AND GRAPH NEURAL NETWORKS, published in <b>Patent Journal No. 03/2026 dated 16.01.2026</b>				
TECHNOLOGY TRANSFER	-				
RESEARCH GUIDANCE (NO. OF STUDENTS)	-				
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	<ol style="list-style-type: none"> <li>1. <b>Abgeena, A.</b> and Garg, S., 2024. Unravelling Emotions: Exploring Deep Learning Approaches For EEG-Based Emotion Recognition with Current Challenges and Future Recommendations. <b>Cognitive Neurodynamics, [SCIE, IF-3.1, Q3] [Published]</b></li> <li>2. <b>Abgeena, A.</b>, Garg, S., Goyal, N. and Raj, J., 2024. A neuroimaging-based fMRI dataset to extract temporal affective brain dynamics for Indian movie video clips stimuli using dynamic functional connectivity approach with graph convolution neural network (DFC-GCNN). <b>Computers in Biology and Medicine</b>, 2025 Aug</li> </ol>				

	<p>1;194:110439 [SCIE, IF-7.0, Q1] [Published]</p> <p>3. <b>Abgeena, A.</b> and Garg, S., 2023. S-LSTM-ATT: a hybrid deep learning approach with optimized features for emotion recognition in electroencephalogram. <b>Health Information Science and Systems</b>, 11(1), p.40. [SCIE, IF- 6.00, Q1] [Published]</p> <p>4. <b>Abgeena, A.</b> and Garg, S., 2023. A novel convolution bi-directional gated recurrent unit neural network for emotion recognition in multichannel electroencephalogram signals. <b>Technology and Health Care</b>, 31(4), pp.1215-1234. [SCIE, IF- 1.6, Q3] [Published]</p>
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	-

NAME: Shibya Swaroop				
DATE OF BIRTH	04/02/1989			
DATE OF JOINING	28/07/2025( UMU/25-26/558)			
UNIQUE ID	1-46654477442			
QUALIFICATION	M.Tech(Computer Science)			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
	6 Years	-	-	-
AREA OF SPECIALIZATION	Computer Science			
PH.D. (COMPLETED/ ONGOING)	Ongoing			
MASTER (COMPLETED/ ONGOING)	completed			
PROJECTS CARRIED OUT	No			
PATENTS (FILED & GRANTED)	No			

TECHNOLOGY TRANSFER	No
RESEARCH GUIDANCE (NO. OF STUDENTS)	No
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	No
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	No

NAME:	Dr. Lokesh Kumar			
				
DATE OF BIRTH	15/05/1986			
DATE OF JOINING	16/08/2019			
UNIQUE ID	1-11536982819			
QUALIFICATION	Ph.D.			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
	12			
AREA OF SPECIALIZATION	Power electronics			
PH.D. (COMPLETED/ ONGOING)	completed			
MASTER (COMPLETED/ ONGOING)	Completed			
PROJECTS CARRIED OUT	N.A.			
PATENTS (FILED & GRANTED)	N.A.			

TECHNOLOGY TRANSFER	N.A.
RESEARCH GUIDANCE (NO. OF STUDENTS)	N.A.
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	6
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	1 under process

NAME:	DR. ABHISHEK PANDEY			
DATE OF BIRTH	10 <sup>TH</sup> DEC., 1988			
DATE OF JOINING	08.08.2017			
UNIQUE ID	1-11475660051			
QUALIFICATION	Ph.D.			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
	6	6		
AREA OF SPECIALIZATION	MICROPROCESSOR, SIGNAL SYSTEM			
PH.D. (COMPLETED/ ONGOING)	Completed (2018)			
MASTER (COMPLETED/ ONGOING)	Completed (2010)			
PROJECTS CARRIED OUT	05			
PATENTS (FILED & GRANTED)	1			

TECHNOLOGY TRANSFER	
RESEARCH GUIDANCE (NO. OF STUDENTS)	01
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	32
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	01

NAME:	Mrs. Karuna Kumari			
DATE OF BIRTH	28/02/1996			
DATE OF JOINING	21/02/2021			
UNIQUE ID	1-11536982849			
QUALIFICATION	M.Tech			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
	3 years		1 year	
AREA OF SPECIALIZATION	Power System			
PH.D. (COMPLETED/ ONGOING)	Ongoing			
MASTER (COMPLETED/ ONGOING)	Completed			
PROJECTS CARRIED OUT	NA			
PATENTS (FILED & GRANTED)	FILED			
TECHNOLOGY TRANSFER	NA			
RESEARCH GUIDANCE (NO. OF STUDENTS)	NA			
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	06			
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	NA			

NAME:	Dr. SARAH ASHEER			
DATE OF BIRTH	14.07.1986			
DATE OF JOINING	4.09.23			
UNIQUE ID	1-43954873891			
QUALIFICATION	Ph.D.			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
	4.2 YEARS		2.6 YEARS	
AREA OF SPECIALIZATION	Wireless Sensor Network, Cooperative Communications, Security in wireless networks			
PH.D. (COMPLETED/ONGOING)	Completed			
MASTER (COMPLETED/ONGOING)	Completed			
PROJECTS CARRIED OUT	N.A			
PATENTS (FILED & GRANTED)	N.A			
TECHNOLOGY TRANSFER	N.A			
RESEARCH GUIDANCE (NO. OF STUDENTS)	N.A			
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	SCI Journals-3, Book Chapters-2, IEEE Conference-3			
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	NIL			

NAME:	Abhinav Kumar			
				
DATE OF BIRTH	03-09-1992			
DATE OF JOINING	25-08-2025			
UNIQUE ID	1-46655601312			
QUALIFICATION	Ph.D			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
	6 months	8 years	-	
AREA OF SPECIALIZATION	Power System, Control System			
PH.D. (COMPLETED/ ONGOING)	Completed			
MASTER (COMPLETED/ ONGOING)	Completed			
PROJECTS CARRIED OUT	-			
PATENTS (FILED & GRANTED)	-			
TECHNOLOGY TRANSFER	-			
RESEARCH GUIDANCE (NO. OF STUDENTS)	-			
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	5			
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	-			

NAME:	Dr. Sukriti Patty				
DATE OF BIRTH	12.06.1993				
DATE OF JOINING	01.09.2025				
UNIQUE ID	1-46655601319				
QUALIFICATION	PhD				
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS	
	2.5 years	5 years			
AREA OF SPECIALIZATION	Power and Energy System				
PH.D. (COMPLETED/ ONGOING)	Completed				
MASTER (COMPLETED/ ONGOING)	Completed				
PROJECTS CARRIED OUT					
PATENTS (FILED & GRANTED)	<b>A two-stage hybrid prediction system for dealing with uncertain variables, South African patent, (Patent no. 2023/03298) (Granted)</b>				
TECHNOLOGY TRANSFER					
RESEARCH GUIDANCE (NO. OF STUDENTS)	Guided B.Tech students (6)				
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	10				
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)					

NAME:	Dr. Asim Ahmad				
DATE OF BIRTH	31-03-1991				
DATE OF JOINING	11-02-2021				
UNIQUE ID	1-11536982878				
QUALIFICATION	Ph.D.				
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS	
	2 Year 6 month	3 month	NIL	NIL	
AREA OF SPECIALIZATION	Heat transfer, Thermodynamics, Non Conventional Energy, Solar energy, Solar dryer				
PH.D. (COMPLETED/ ONGOING)	Completed				
MASTER (COMPLETED/ ONGOING)	Completed				
PROJECTS CARRIED OUT	NIL				
PATENTS (FILED & GRANTED)	NIL				
TECHNOLOGY TRANSFER	NIL				
RESEARCH GUIDANCE (NO. OF STUDENTS)	NIL				
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	20				
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	NIL				

NAME:	Dr. S M Mozammil Hasnain				
DATE OF BIRTH	16.07.1992				
DATE OF JOINING	20.02.2023				
UNIQUE ID	1-43423100752				
QUALIFICATION	Ph.D.				
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS	
	02	06	00	N.A.	
AREA OF SPECIALIZATION	Alternative Fuel				
PH.D. (COMPLETED/ ONGOING)	completed				
MASTER (COMPLETED/ ONGOING)	completed				
PROJECTS CARRIED OUT	N/A				
PATENTS (FILED & GRANTED)	N/A				
TECHNOLOGY TRANSFER					
RESEARCH GUIDANCE (NO. OF STUDENTS)	0				
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	28				
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	0				

NAME:	Mr. Ashutosh Kumar			
DATE OF BIRTH	04-11-1986			
DATE OF JOINING	09-07-2018			
UNIQUE ID	1-11536982936			
QUALIFICATION	P.H.D (Pursuing) M.Tech..B.E(Mechanical)			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
	10 Years	03Years	01Years	00
AREA OF SPECIALIZATION	Mechanical			
PH.D. (COMPLETED/ ONGOING)	Ongoing			
MASTER (COMPLETED/ ONGOING)	Completed			
PROJECTS CARRIED OUT	N.A.			
PATENTS (FILED & GRANTED)	N.A.			
TECHNOLOGY TRANSFER	N.A.			
RESEARCH GUIDANCE (NO. OF STUDENTS)	N.A.			
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	09			
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	01 (A Text book of Thermal & Power Engineering)  Educreation Publication (March 2018)			

NAME:	Dr. Gaurav Kumar				
DATE OF BIRTH	07/02/1992				
DATE OF JOINING	15/12/2022				
UNIQUE ID	1-43423100686				
QUALIFICATION	Ph. D.				
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS	
	04	07	00	N.A.	
AREA OF SPECIALIZATION	Strength of Material, Robotics, Mechatronics				
PH.D. (COMPLETED/ ONGOING)	Completed				
MASTER (COMPLETED/ ONGOING)	Completed				
PROJECTS CARRIED OUT	0				
PATENTS (FILED & GRANTED)	0				
TECHNOLOGY TRANSFER	0				
RESEARCH GUIDANCE (NO. OF STUDENTS)	0				
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	8				
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	0				

NAME:	Dr. LALAN KUMAR				
DATE OF BIRTH	01 <sup>ST</sup> FEB 1988				
DATE OF JOINING	05 SEPTEMBER 2023				
UNIQUE ID	1-43871425861				
QUALIFICATION	Ph.D.				
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS	
	05	03	02	-	
AREA OF SPECIALIZATION	THERMAL ENGG., ENERGY STORAGE TECHNOLOGY, COMSOL Modelling.				
PH.D. (COMPLETED/ONGOING)	ONGOING (THESIS SUBMITTED)				
MASTER (COMPLETED/ONGOING)	COMPLETED				
PROJECTS CARRIED OUT	-				
PATENTS (FILED & GRANTED)	-				
TECHNOLOGY TRANSFER	-				
RESEARCH GUIDANCE (NO. OF STUDENTS)	B. TECH – 02 (ONGOING)				
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	PUBLISHED – 03; MINOR REVISION- 05; UNDER REVIEW- 04				
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	-				

NAME:	Dr. DHARMENDRA KUMAR			
DATE OF BIRTH	02/01/1992			
DATE OF JOINING	21/09/2023			
UNIQUE ID	1-43871425868			
QUALIFICATION	PHD IN MECHANICAL ENGINEERING			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
	3	3.5	0	0
AREA OF SPECIALIZATION	THERMAL ENGINEERING AND MACHINE DESIGN			
PH.D. (COMPLETED/ONGOING)	COMPLETED			
MASTER (COMPLETED/ONGOING)	COMPLETED			
PROJECTS CARRIED OUT	NOT			
PATENTS (FILED & GRANTED)	NOT			
TECHNOLOGY TRANSFER	NOT			
RESEARCH GUIDANCE (NO. OF STUDENTS)	0			
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN)	9			
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	2 (CHAPTER CONTRIBUTION IN BOOK) (i) BOOK NAME: LECTURE NOTES IN MECHANICAL ENGINEERING, PUBLISHER: SPRINGER, ISBN: 978-981-19-7708-4, YEAR OF PUBLICATION: 2023 (ii) BOOK NAME: LECTURE NOTES IN MECHANICAL ENGINEERING, PUBLISHER: SPRINGER, ISBN: 978-981-99-1-288-9, YEAR OF PUBLICATION: 2023			

NAME: Mr. Prashant Kumar	Dr. Prakash Kumar				
DATE OF BIRTH	26/8/1995				
DATE OF JOINING	1/10/2024				
UNIQUE ID	1-44694151926				
QUALIFICATION	Ph.D.				
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS	
	-	-	-		
AREA OF SPECIALIZATION	MANUFACTURING ENGINEERING				
PH.D. (COMPLETED/ ONGOING)	Completed				
MASTER (COMPLETED/ ONGOING)	Completed				
PROJECTS CARRIED OUT	-				
PATENTS (FILED & GRANTED)	-				
TECHNOLOGY TRANSFER	-				
RESEARCH GUIDANCE (NO. OF STUDENTS)	-				
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	16				
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	-				

NAME:	<b>Dr. Rohit Agrawal</b>			
DATE OF BIRTH	07/08/1992			
DATE OF JOINING	01/08/2024			
UNIQUE ID	1-44694152154			
QUALIFICATION	Ph.D, M.E, B. Tech			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
	4.5 years	3.5 years	-	-
AREA OF SPECIALIZATION	Mechanical Engineering (Tribology, nickel-based coating)			
PH.D. (COMPLETED/ ONGOING)	COMPLETED			
MASTER (COMPLETED/ ONGOING)	COMPLETED			
PROJECTS CARRIED OUT	01- Accepted for technical evaluation			
PATENTS (FILED & GRANTED)	14			
TECHNOLOGY TRANSFER	Pin-on-dics tribometer, Scratch tester, Vickers microhardness, Air Jet Erosion			
RESEARCH GUIDANCE (NO. OF STUDENTS)	-			
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN)	12 (8-SCI, 1-ESCI, 3-Scopus)			
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	10			

NAME:	RAHUL KUMAR			
DATE OF BIRTH	01/09/1993			
DATE OF JOINING	12/09/2025			
UNIQUE ID	1-46655426139			
QUALIFICATION	M.Tech			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
	6 MONTHS	-	-	-
AREA OF SPECIALIZATION	MANUFACTURING ENGINEERING			
PH.D. (COMPLETED/ ONGOING)	-			
MASTER (COMPLETED/ ONGOING)	COMPLETED			
PROJECTS CARRIED OUT	-			
PATENTS (FILED & GRANTED)	ENERGY EFFICIENCY MONITORING SOFTWARE FOR INDUSTRIAL PLANT (FILED)			
TECHNOLOGY TRANSFER				
RESEARCH GUIDANCE (NO. OF STUDENTS)	-			
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	-			
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	-			

NAME:	Atul Kumar Pandey			
DATE OF BIRTH	10 –OCT-1993			
DATE OF JOINING	15-SEPT-2025			
UNIQUE ID	1-46655426219			
QUALIFICATION	Master Of Technology From NIT Calicut			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
	6 Months			
AREA OF SPECIALIZATION	INDUSTRIAL ENGINEERING AND MANAGEMENT			
PH.D. (COMPLETED/ ONGOING)				
MASTER (COMPLETED/ ONGOING)	COMPLETED			
PROJECTS CARRIED OUT				
PATENTS (FILED & GRANTED)				
TECHNOLOGY TRANSFER				
RESEARCH GUIDANCE (NO. OF STUDENTS)				
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN				
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)				

NAME:	SURAJ KUMAR MAHTO				
DATE OF BIRTH	02 JUNE 1997				
DATE OF JOINING	01 AUGUST 2025				
UNIQUE ID	1-46655426132				
QUALIFICATION	B. TECH.				
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS	
	-----	-----	----	----	
AREA OF SPECIALIZATION	MECHANICAL ENGINEERING				
PH.D. (COMPLETED/ ONGOING)	-----				
MASTER (COMPLETED/ ONGOING)	ONGOING				
PROJECTS CARRIED OUT	-----				
PATENTS (FILED & GRANTED)	-----				
TECHNOLOGY TRANSFER	-----				
RESEARCH GUIDANCE (NO. OF STUDENTS)	-----				
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	-----				
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	-----				

NAME:	Mr. Rahul Kumar Gupta			
DATE OF BIRTH	26/10/1991			
DATE OF JOINING	07/02/2020			
UNIQUE ID	1-11536983081			
QUALIFICATION	M. Tech – Structural Engineering			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
	6 years	1 years	0	0
AREA OF SPECIALIZATION	Composites materials			
PH.D. (COMPLETED/ ONGOING)	Ongoing			
MASTER (COMPLETED/ ONGOING)	Completed			
PROJECTS CARRIED OUT	10			
PATENTS (FILED & GRANTED)	0			
TECHNOLOGY TRANSFER	0			
RESEARCH GUIDANCE (NO. OF STUDENTS)	0			
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	1			
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	0			

NAME:	Mr. Anurag			
DATE OF BIRTH	22 September 1993			
DATE OF JOINING	15 March 2022			
UNIQUE ID	78			
QUALIFICATION	M.E (Civil Engineering)			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
	1 year 10 months	1.5 Years	NIL	NIL
AREA OF SPECIALIZATION	Structure Engineering			
PH.D. (COMPLETED/ONGOING)	Ongoing			
MASTER (COMPLETED/ONGOING)	Completed			
PROJECTS CARRIED OUT	N.A			
PATENTS (FILED & GRANTED)	N.A			
TECHNOLOGY TRANSFER	N.A			
RESEARCH GUIDANCE (NO. OF STUDENTS)	N.A			
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	01			
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	N.A			

NAME: Mr. Lalan Paswan				
DATE OF BIRTH	02/02/1995			
DATE OF JOINING	01/09/2025			
UNIQUE ID	1-47163129903			
QUALIFICATION	M-TECH (STRUCTURAL)			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
AREA OF SPECIALIZATION	STRUCTURAL ENGINEERING			
PH.D. (COMPLETED/ ONGOING)	Pursuing			
MASTER (COMPLETED/ ONGOING)	Completed			
PROJECTS CARRIED OUT				
PATENTS (FILED & GRANTED)				
TECHNOLOGY TRANSFER				
RESEARCH GUIDANCE (NO. OF STUDENTS)				
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN				
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)				

NAME:	Mr. AKHIL KUMAR MISHRA	PHOTO		
DATE OF BIRTH	09/10/1994			
DATE OF JOINING	06/10/2022			
UNIQUE ID	1-43879743611			
QUALIFICATION	B. TECH			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
	1.3 Year			
AREA OF SPECIALIZATION	CIVIL ENGINEERING			
PH.D. (COMPLETED/ ONGOING)	NIL			
MASTER (COMPLETED/ ONGOING)	NIL			
PROJECTS CARRIED OUT	NIL			
PATENTS (FILED & GRANTED)	NIL			
TECHNOLOGY TRANSFER	NIL			
RESEARCH GUIDANCE (NO. OF STUDENTS)	NIL			
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	NIL			
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	NIL			

NAME:	 <p style="text-align: center;">Dr. AAROHI KUMAR MUNSHI</p>			
DATE OF BIRTH	9 <sup>th</sup> March 1993			
DATE OF JOINING	1 <sup>st</sup> August 2025			
UNIQUE ID	1-43954873898			
QUALIFICATION	PhD			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
	07 months			
AREA OF SPECIALIZATION	Transportation Engineering			
PH.D. (COMPLETED/ ONGOING)	Completed			
MASTER (COMPLETED/ ONGOING)	Completed			
PROJECTS CARRIED OUT	-			
PATENTS (FILED & GRANTED)	-			
TECHNOLOGY TRANSFER	-			
RESEARCH GUIDANCE (NO. OF STUDENTS)	-			
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	10			
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	-			

NAME: Mr. Prashant Kumar				
DATE OF BIRTH	27/10/1993			
DATE OF JOINING	19/2/2024			
UNIQUE ID	1-44694151341			
QUALIFICATION	MTech in Water Engineering and Management			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
	-	-	-	
AREA OF SPECIALIZATION	Water Engineering and Management			
PH.D. (COMPLETED/ ONGOING)	N.A.			
MASTER (COMPLETED/ ONGOING)	Completed			
PROJECTS CARRIED OUT	-			
PATENTS (FILED & GRANTED)	-			
TECHNOLOGY TRANSFER	-			
RESEARCH GUIDANCE (NO. OF STUDENTS)	-			
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	5			
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	-			

NAME:	Prof. B.N.Dubey				
DATE OF BIRTH	01.09.1957				
DATE OF JOINING	01.09.2019				
UNIQUE ID	1-11536982965				
QUALIFICATION	B.Tech Mining, Surveyor certificate of competency DGMS, Surpac and Minex from Gemcom Australia				
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS	
	5 years		40 years		
AREA OF SPECIALIZATION	Mine planning , Surveying and GIS and remote sensing				
PH.D. (COMPLETED/ONGOING)	NIL				
MASTER (COMPLETED/ONGOING)	NIL				
PROJECTS CARRIED OUT	4				
PATENTS (FILED & GRANTED)	2				
TECHNOLOGY TRANSFER	NIL				
RESEARCH GUIDANCE (NO. OF STUDENTS)	NIL				
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	4				
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	1				

NAME:	Mr. SAMIR KUMAR OJHA			
DATE OF BIRTH	11 <sup>th</sup> Dec. 1994			
DATE OF JOINING	12 <sup>th</sup> Sep. 2022			
UNIQUE ID	1-43423100788			
QUALIFICATION	M.Tech. (Mine Planning & Design)			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
	2 Years 5 Months	2 years		
AREA OF SPECIALIZATION	Geo-Mechanics			
PH.D. (COMPLETED/ONGOING)	NA			
MASTER (COMPLETED/ONGOING)	Completed			
PROJECTS CARRIED OUT	02			
PATENTS (FILED & GRANTED)	NA			
TECHNOLOGY TRANSFER	NA			
RESEARCH GUIDANCE (NO. OF STUDENTS)	NA			
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	00			
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	00			

NAME:	Mr. VIKAS KUMAR				
DATE OF BIRTH	23/06/1996				
DATE OF JOINING	12/09/2022				
UNIQUE ID	1-43423100794				
QUALIFICATION	B.TECH				
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS	
	2 YEARS		1.5 YEARS		
AREA OF SPECIALIZATION	MINING (SECOND CLASS MANAGER)				
PH.D. (COMPLETED/ ONGOING)	NIL				
MASTER (COMPLETED/ ONGOING)	NIL				
PROJECTS CARRIED OUT	NIL				
PATENTS (FILED & GRANTED)	NIL				
TECHNOLOGY TRANSFER	NIL				
RESEARCH GUIDANCE (NO. OF STUDENTS)	NIL				
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	NIL				
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	NIL				

NAME:	DR.ADRIKA ROY				
DATE OF BIRTH	24.02.1991				
DATE OF JOINING	15.02.2023				
UNIQUE ID	1-43424346306				
QUALIFICATION	PHD (GEOLOGICAL SCIENCES)				
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS	
	1	6	0	0	
AREA OF SPECIALIZATION	GEOLOGY, MINING,EXPLORATION				
PH.D. (COMPLETED/ ONGOING)	COMPLETED				
MASTER (COMPLETED/ ONGOING)	COMPLETED				
PROJECTS CARRIED OUT	NIL				
PATENTS (FILED & GRANTED)	NIL				
TECHNOLOGY TRANSFER	NIL				
RESEARCH GUIDANCE (NO. OF STUDENTS)	NIL				
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	3				
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)	NIL				

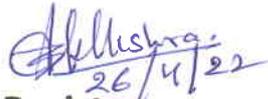
NAME: SURAJ DEV SINGH				
DATE OF BIRTH	04.04.1994			
DATE OF JOINING	16.08.2024			
UNIQUE ID	1-44694151348			
QUALIFICATION	M.TECH IN MINING			
WORK EXPERIENCE	TEACHING	RESEARCH	INDUSTRY	OTHERS
	04 YEARS		02 YEARS	
AREA OF SPECIALIZATION	MINING ENGINEERING			
PH.D. (COMPLETED/ ONGOING)	ONGOING			
MASTER (COMPLETED/ ONGOING)	COMPLETED			
PROJECTS CARRIED OUT				
PATENTS (FILED & GRANTED)				
TECHNOLOGY TRANSFER				
RESEARCH GUIDANCE (NO. OF STUDENTS)				
RESEARCH PUBLICATIONS (NO. OF PAPERS PUBLISHED IN	01  EFFICIENT PRODUCTIVITY WITH PREVENTIVE MEASURES FOR OCCUPATIONAL HAZARD IN STONE QUARRY.			
NO. OF BOOKS PUBLISHED WITH DETAILS (NAME OF BOOK, PUBLISHER WITH ISBN, YEAR OF PUBLICATION, ETC.)				

Date: 26-04-2022

## TO WHOM IT MAY CONCERN

This is to certify that Usha Martin University has provided **barrier free environment** to all its students and faculties. The ramp has been provided at entry point for physically handicapped staff/students. Besides lift facility has been provided at both corners near stairs of the main building to mitigate barrier for especially abled person.

Special care is taken by the faculties of different department to ensure comfortable and barrier free environment to all students.



26/4/22

**Registrar**

**Usha Martin University**

Registrar  
कुल सचिव  
Usha Martin University  
उषा मार्टिन विश्वविद्यालय  
Ranchi-835103 / राँची-835103

Signature Not Verified

Digitally signed by ANIL  
KUMAR MISHRA  
Date: 2023.04.14 22:19:42  
IST



Signature Not Verified

Digitally signed by ANIL  
KUMAR MISHRA  
Date: 2023.04.14 22:19:42  
IST

**What are the actions which result in Ragging?**

- Forcing individuals to perform an act or engage in something or something against them
- Talking in teasing or intimidating individuals or groups of individuals
- Causing or threatening physical or mental harm to individuals
- Causing physical or psychological stress
- Putting a person in need of medical attention against their wishes at that moment

**What can I do, if I am Ragged?**

**Any of the following**

- Please Call to UGC Cell Centre (94 102 10799)
- Complaint to UGC Centre for Gender Sensitization in writing or in person (94 102 10222)
- Lodge a Complaint to the UGC Ragging Complaint Portal (www.ugc.ac.in)
- Complaint to Chairman UGC in writing or in person
- Complaint to Vice-Chancellor/Registrar of your university in writing or in person
- Email to [ragging@ugc.ac.in](mailto:ragging@ugc.ac.in) or [help@ugc.ac.in](mailto:help@ugc.ac.in)
- Call 194 to report a Complaint

**What is sexual harassment?**

- Sexual harassment involves actions that are sexist or indirectly sexual in nature
- Actions that are offensive, unwanted, unreasonable and unacceptable to you
- It may be deliberate and/or repeated
- Coercion into engaged sexual transaction, bargaining and blackmailing
- Workplace environment which is hostile

**What can I do, if I am a victim of sexual & gender based violence?**

**Any of the following**

- Complaint to UGC Centre for Gender Sensitization in writing or in person (94 102 10222) or email ([ugc@ugc.ac.in](mailto:ugc@ugc.ac.in))
- Lodge a Complaint on the UGC Cell Centre portal ([www.ugc.ac.in](http://www.ugc.ac.in))
- Complaint to Chairman UGC in writing or in person
- Complaint to head of the institution/Dean or Vice-Chancellor/Registrar/Registrar (Academic) in writing or in person
- Lodge a complaint to the Gender Parity Cell of your university
- Lodge a complaint to the police

Washroom  
WC Take Care



Signature Not Verified  
 Digitally signed by ANIL KUMAR MISHRA  
 Date: 2023.04.14 22:19:42 IST



PLEASE TAKE CARE  
PLEASE TAKE CARE  
PLEASE TAKE CARE

PLEASE TAKE CARE  
PLEASE TAKE CARE  
PLEASE TAKE CARE



Signature Not Verified  
Digitally signed by ANIL  
KUMAR MISHRA  
Date: 2023.04.14 22:19:42  
IST

# अग्निशमन सेवा मुख्यालय, झारखण्ड, राँची।

दिनांक-31.01.2023

सेवा में,

**Anil Kumar Mishra,**

Usha Martin University,

Village Narayansoso, Near Angara Block Office, Ranchi - Purulia Highway,

Angara, Ranchi - 835103, Jharkhand

**बिषय :- मौजा-Narayansoso, प्लाट नं0-765, खाता न0-172, 148, 61, 102, 162, 163, 28, 161, 159, 160, 169, 154, 67, 108, 169, 175, 9, 60, 164, 11, 53, 137, वार्ड नं0-7, थाना-Angara, जिला-राँची में निर्मित Usha Martin University, राँची शैक्षणिक भवनों हेतु अग्नि-सुरक्षात्मक सलाह।**

उपर्युक्त विषयक आपके द्वारा ऑन-लाईन भेजे गये प्लान के अनुसार संबंधित निर्मित शैक्षणिक भवनों के स्थल की भौतिक जाँच प्रभारी अग्निशामालय पदाधिकारी, डोरण्डा, राँची के माध्यम से निर्मित स्थल का भौतिक निरीक्षण कराई गई। उन्होंने अपने ज्ञापांक-40 दिनांक-23.01.2023 के माध्यम से समर्पित जाँच प्रतिवेदन एवं उनके द्वारा की अनुशंसा के आलोक में उक्त शैक्षणिक भवनों हेतु निम्नांकित अग्नि सुरक्षात्मक सलाह दिये जाते हैं :-

1. निर्मित प्रत्येक शैक्षणिक भवनों के परिसर के सामने वाले भाग में कम से कम 50,000-50,000 लीटर क्षमता वाले अंडरग्राउण्ड स्टैटिक वाटर टैंक का निर्माण कराया जाय।
2. किसी भी आकस्मिकता की स्थिति में इस टैंक से अग्निशमन वाहनों को पानी लिये जाने हेतु ड्रॉ-आउट कनेक्शन देने की व्यवस्था की जाय।
3. अग्निशमन कार्य हेतु प्रत्येक शैक्षणिक भवनों में कम से कम बीस-बीस हजार लीटर क्षमता वाले ओभरहेड वाटर टैंक का निर्माण कराया जाय।
4. प्रत्येक भवनों के चारों तरफ 150mm डायामेटर वाले रिंग मेन्स का निर्माण कराया जाय। जिसमें प्रत्येक 30 मीटर अथवा उसके भाग पर एक-एक यार्ड हाईड्रैण्ट दिये जाने की व्यवस्था की जाय। यार्ड हाईड्रैण्ट के पास डिलिवरी आउटलेट तथा दो अदद डिलिवरी होज एवं एक अदद ब्रांच सहित एक-एक होज बॉक्स की संस्थापन कराया जाय।
5. ओभरहेड टैंक से जुड़ा हुआ प्रत्येक भवनों के प्रत्येक स्टेयरकेश में 150mm डायामेटर वाले एक-एक वेट राईजर कम डाउन कमर सिस्टम की व्यवस्था की जाय, जिसमें प्रत्येक तलों पर 30 मी0 लम्बा होज रील होज, 63 MM डायामेटर का डिलिवरी आउटलेट तथा दो-दो अदद डिलिवरी होज एवं एक-एक अदद ब्रांच सहित एक-एक होज बॉक्स का संस्थापन कराया जाय।
6. प्रत्येक भवनों के चारों तरफ एक-एक यार्ड हाईड्रैण्ट का संस्थापन किया जाय।
7. भवनों के वर्कशॉप, किचन रूम एवं गैस गोदाम को स्वचालित स्प्रिंकलर से सुरक्षित किया जाय। यह सुनिश्चित किया जाय कि स्प्रिंकलर के एक हेड से दूसरे की दूरी मानक से अधिक न हो।
8. प्रत्येक भवनों में अग्निशमन कार्य हेतु एक-एक पम्प हाउस का निर्माण कराया जाय, जिसमें 2850 Lpm क्षमता का एक-एक फायर पम्प का संस्थापन कराया जाय।
9. प्रत्येक भवनों में 900ली0/मि0 क्षमता का एक-एक टेरेस पम्प लगाने की व्यवस्था की जाय।
10. भवनों में 180 Lpm क्षमता वाले जॉकी पम्प का संस्थापन कराया जाय।
11. समान क्षमता का डीजल चालित पम्प संस्थापित किया जाय।
12. इन सभी पम्पों को स्वतंत्र विद्युत व्यवस्था से जोड़कर रखा जाय।
13. पंपिंग सिस्टम पॉजिटिव सक्शन वाले रहेंगे।
14. भवनों के Community Hall एवं एकेडमीक भवनों को Addressable Type पम्प का संस्थापन एवं अलार्म सिस्टम से सुरक्षित किया जाय।

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15. सीढ़ियों को Enclosed Staircase के रूप में निर्मित किया जाय एवं मानक के अनुरूप भवनों में Refuge Area का निर्माण कराया जाय।
16. भवनों में विद्युत मेन कंट्रोल पैनल के पास 4.5 के0जी0 क्षमता का दो अदद CO<sub>2</sub> Fire Extinguisher से सुरक्षित किया जाय।
17. भवनों की विद्युत व्यवस्था किसी Licensed Electrician से ही कराये जाँय।
18. भवनों में प्रति 400 वर्ग मीटर अथवा उसके भाग के लिए एक की दर से 06 के0जी0 क्षमता का DCP Fire Extinguisher रखे जाने की व्यवस्था की जाय।
19. भवनों के प्रत्येक कम्प्यूटर रूम, ऑडिटरियम अथवा लैब एवं लाईब्रेरी हो तो उसमें 4.5 के0जी0 क्षमता का दो अदद Co<sub>2</sub> Fire Extinguisher से सुरक्षित किया जाय।
20. प्रत्येक शैक्षणिक भवनों में एक-एक फायर बूथ स्थापित किया जाय, जिसमें निम्नलिखित अग्निशमन यंत्र आरक्षित अवस्था में रखा जाय।
  - i. DCP Fire Extinguisher 06 kg - 04 Nos.
  - ii. Fire Bucket - 04 Nos.
  - iii. Water CO<sub>2</sub> Fire Extinguisher 09 Ltr- 04 Nos.
21. भवनों में मेन इलेक्ट्रिकल स्वीच बोर्ड को Fire Supression System से सुरक्षित किया जाय।
22. भवनों में ऐसे मैनुअली ऑपरेटेड इलेक्ट्रॉनिक फायर अलार्म लगाये जाने की व्यवस्था की जाय। इसके हूटर की आवाज भवनों के हर हिस्से में स्पष्ट सुनाई देने में सक्षम हो।
23. भवनों के सभी क्लास रूम एवं ऑडिटरियम में दो दरवाजे होना चाहिए जो बाहर की ओर खुले।
24. भवनों के किसी भी निकास द्वार को किसी भी परिस्थिति में कभी भी बाधित न किया जाय।
25. भवनों के किसी भी सेटबैक एरिया को किसी भी परिस्थिति में किसी भी प्रकार से कभी भी बाधित न किया जाय, ताकि किसी भी आपातकालीन स्थिति में Fire Tender के Movement में किसी प्रकार का व्यवधान उत्पन्न न हो एवं यह सुनिश्चित किया जाय की किसी भी स्थिति में भवनों में Travel Distanced मानक से अधिक न हो एवं भवनों की उँचाई मानक के अनुरूप होनी चाहिए।
26. भवनों में मानक के अनुरूप तड़ित चालक लगाने की व्यवस्था की जाए।
27. भवनों को उपयोग में लाये जाने के पूर्व भवन में संस्थापित किये गये अग्नि-सुरक्षात्मक व्यवस्था का विस्तृत प्लान इस कार्यालय को उपलब्ध कराते हुए जाँच प्रतिवेदन अवश्य प्राप्त कर लेंगे साथ ही आवेदक अनापत्ति प्रमाणपत्र प्राप्त करने से पूर्व पूरी तरह भरा हुआ सेल्फ अप्रेजल चेक लिस्ट एवं नोटरी पब्लिक के द्वारा जारी एक शपथ पत्र समर्पित करेंगे कि अग्निशमन सेवा मुख्यालय के द्वारा दिये गये सुझावों का अनुपालन पूरी तरह करा लिया गया है।
28. भवन के किसी भी भाग में बाद में यदि Plan अथवा Nature Of Occupancy में बदलाव किया जाता है तो इस कार्यालय को सूचित करके Clearance अवश्य प्राप्त करेंगे।
29. अग्नि-सुरक्षात्मक दृष्टिकोण से दिये गये सुझावों के अनुपालन की जाँच इस विभाग से कराने के बाद ही अनापत्ति प्रमाण-पत्र निर्गत किये जायेंगे।
30. राष्ट्रीय भवन संहिता भाग IV के नियम 6.2 में वर्णित सुरक्षा व्यवस्थाओं का दृढ़ता से पालन किया जाय।

**JAGJEEWAN  
RAM**

Digitally signed by JAGJEEWAN RAM  
DN: c=IN, o=GOVERNMENT OF JHARKHAND, ou=HOME JAIL  
AND DISASTER MANAGEMENT,  
2.5.4.20=6e18ddf6a747613d2f4c403b5001134ec2902b6bf90  
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serialNumber=19585870ee67dbaf143b636d6f0c97a7bc8a01  
d90f3ec025de5383159f431a70, cn=JAGJEEWAN RAM  
Date: 2023.01.31

Signature Not Verified

(जगजीवन राम)  
ANIL KUMAR MISHRA

प्रभारी अपर राज्य अग्निशमन सेवा अधिकारी,  
झारखण्ड, राँची।

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KUMAR MISHRA  
Date: 2023.04.14 22:19:59  
IST

Ref.No. UMU/R/04-22/132

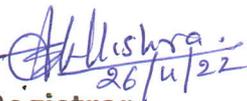
Date: 26-04-2022

## TO WHOM IT MAY CONCERN

### Fire & Safety certificate

The UMU management is taking utmost care to avoid any incident of fire within the campus or inside building. The campus is being regularly cleaned to avoid growth of weed. The fire extinguisher has been placed near vulnerable area like labs using chemicals, Library etc.

The process has been initiated to obtain no objection certificate.

  
26/4/22  
**Registrar**  
**Usha Martin University**

Registrar  
कुल सचिव  
Usha Martin University  
उषा मार्टिन विश्वविद्यालय  
Ranchi-835103 / राँची-835103

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KUMAR MISHRA  
Date: 2023.04.14 22:19:59  
IST

<b>M/S Radha Krishna Fire Protection</b> Chutia Ranchi – 834001.(Jh) Ph.: 6299604855 E-Mail : <a href="mailto:rkfpfire@gmail.com">rkfpfire@gmail.com</a>		Date: 10/09/2021 Quotation No. : Rkfp /012/ 20-21 Your Inquiry No.		
Consignee: To <b>Usha Martin University</b> Angara Block, Hundru Road Ranchi-Jharkhand		GST NO :- 20FTKPS794521ZO		
Sl. No.	Description	Qty.	Rate in Rs.	Amount in Rs.
1.	Supply & Installation of ABC type fire extinguishers capacity 6 kg.	5	1700.00	8500.00
			<b>TOTAL</b>	<b>8500.00</b>
			<b>GST @ 18%</b>	<b>1530.00</b>
			<b>NET PAYABLE</b>	<b>10030.00</b>

1. Payment : 50% against confirmed order, 50% against supply & Installation.
2. Delivery : Within 10 days after confirmed order
3. Warranty : 05 Years on ABC type
4. Bank Details : Allahabad Bank, Main-Branch Ranchi  
 Account Holder's Name- Pallavi Shrivastava  
 Account No - 50433500259 IFSC Code - ALLA0210021

We hope you will find our offer as per your requirement. We assure you of our best services as ever. Please revert back to us for any further clarification.

Thanking you,

Yours truly

For, M/S Radha Krishna Fire Protection

*A.K. Shrivastava*  
 (Auth.Sign.)

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 KUMAR MISHRA  
 Date: 2023.04.14 22:19:59  
 IST