



# AAKRITEE

THE OFFICIAL NEWSLETTER BY CIVIL ENGINEERING DEPARTMENT,  
JST

April 2022

SECOND ISSUE



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## VISION

To produce global engineers with superior technical skills and competency in the field of civil engineering with an outcome-based education system and to promote high-end research programmes for a developed and sustainable society and nation.



## MISSION

- To provide quality education to students for an in-depth comprehension of fundamentals of civil engineering with conventional as well as with new teaching tools.
- To provide training and coaching programmes in relevant skill development courses to prepare the students for various competitive examinations as well as to thrive in the challenging workplace.
- To have constant communications and collaborations with elite educational institutes, industry and R & D organisations within and across the country for the timely up-gradation of engineering and technology.
- To cultivate a friendly, supportive and competitive academic environment to extract the best contributions from students, faculty and staff members.
- To provide quality research and consultancy services for industrial, societal and to the needs of all the stakeholders of the institute.



## ABOUT THE DEPARTMENT

The largest and most versatile branch of engineering has been introduced in the institute in the year 2016. The department promises to produce the finest of engineers with our team of committed and potent faculty members. The department is continuously and swiftly upgrading its infrastructure including laboratory and other facilities. Currently, the department offers the degree of Bachelor of Engineering with a capacity of 60 students per batch. However, the department aims in acquiring the programmes at postgraduate levels in near future and constantly striving for the same. The department has also started to offer consultancy services to organisations in solving various civil engineering problems.

*Everybody is a genius. But if you judge a fish by its ability to climb a tree, it will live its whole life believing that it is not stupid.*  
– Albert Einstein



## FROM HOD'S DESK



It gives me immense pleasure to announce that the Department of Civil Engineering of JIST is publishing the second issue of Aakritee. This issue is the reflection of the creativity of the students, faculties, alumni and staff involved in multifarious activities. I appreciate the combined effort of the Editorial Board, other students and the faculty members involved in bringing out this issue for the readers.



**Dr. Sudarshan Patowary**

Assistant Professor and HOD  
Dept. Of Civil Engineering

*Failure is central  
to Engineering.  
Every single  
calculation that  
an engineer makes  
is a failure  
calculation.  
Successful  
engineering is all  
about  
understanding how  
things break or  
fail.*

**- Henry Petroski**





# DEPARTMENTAL ACTIVITIES



1. Project - I Seminar of 7th Semester students was conducted on 7th and 8th March, 2022.
2. Internship -III presentation of 7th Semester students was conducted on 4th and 5th March, 2022.
3. Laboratory exams of 5th Semester students were conducted from 14th to 16th of March, 2022.
4. Internship – II presentation of 5th Semester students was conducted on 22nd and 23rd March, 2022.
5. Laboratory exam of 3rd Semester students was held on 24th and 25th of March, 2022.
6. Internship – I presentation of 3rd Semester students was conducted on 10th March, 2022.
7. A site visit to the ongoing construction areas was conducted in JIST along with the students of 7th Semester under the supervision of Dr. Atanu Kumar Dutta (Principal, JIST), Dr. Sudarshan Patowary (HOD, Department of Civil Engineering), Dr. Dipjyoti Baglari (Assistant Professor, Department of Civil Engineering) and Dr. Pranab Jyoti Barman (Assistant Professor, Department of Civil Engineering) on 07th Jan, 2022.

*Wisdom is not  
a product of  
schooling but  
of the lifelong  
attempt to  
acquire it.*

**– Albert Einstein**





# FACULTY ACTIVITIES

## 1. Dr. Atanu Kumar Dutta:

- Attended The Executive Body meeting of Construction of Auditorium under the CSR Scheme of Oil India Limited at the Office of Deputy Commissioner, Jorhat on 29th Jan, 2022.
- Participated in National Advisory Committee meeting of NICEE (National Information Centre for Earthquake Engineering), IIT Kanpur on 21st Feb, 2022.

## 2. Dr. Dipjyoti Baglari:

- Attended one-week short term training programme through ICT mode on "National Education Policy (NEP) 2020- Reforms in Higher Education" organised by NITTTR Kolkata from 24th to 28th January 2022.
- Attended 5-day FDP-SI UHV Online - "AICTE Incorporating Universal Human Values in Education (An AICTE Initiative)" from 28th Feb, 2022 to 04th March, 2022.
- Attended 4-weeks AICTE approved Swayam-NPTEL FDP on "Effective Engineering Teaching in Practice" from 24th Jan 2022 to 18th Feb 2022 (IIT Madras).
- Have been approved as a Co-guide for PhD guideship under ASTU on 10th January 2022.
- Have been appointed as a faculty member of Internal Complaint Committee (ICC) of JIST from 24th Jan, 2022.
- Have been appointed as a Representative of faculty member of Anti-ragging Committee of JIST from 24th Jan, 2022.

## 3. Dr. Pranab Jyoti Barman:

- Attended a one-week short term course on " Energy Conservation for Sustainable Society: Innovation and Entrepreneurial Opportunity" held online from 27th Feb, 2022 to 04th March, 2022, organised by Institute Innovation Council, National Institute of Technology Silchar.
- Attended a five-day Faculty Development Program on " Materials for Sustainability of Transportation Infrastructure" held from 1st Feb, 2022 to 05th Feb, 2022 organised by Vivekananda Institute of Technology Jaipur.

*You can't build  
a great building  
on a weak  
foundation. You  
must have a  
solid foundation  
if you are going  
to have a strong  
superstructure.*

**-Gordon B. Hinckley**



# FACULTY ACTIVITIES

## 4. Ms. Sudipta Sikha Saikia:

- Attended a one-week short term course on " Energy Conservation for Sustainable Society: Innovation and Entrepreneurial Opportunity" held online from 27th Feb, 2022 to 04th March,2022, organised by Institute Innovation Council, National Institute of Technology Silchar.
- Attended a five-day Faculty Development Program on " Materials for Sustainability of Transportation Infrastructure" held from 1st Feb, 2022 to 05th Feb,2022 organised by Vivekananda Institute of Technology Jaipur.

## 5. Ms. Deepika Taye:

- Attended webinar on "Performance evaluation of concrete road" organized by Ultratech Cement Ltd. and Concrete Institute Ghaziabad Centre on 15th Jan, 2022.
- Five day Faculty Development Program on " Materials for Sustainability of Transportation Infrastructure" held from Feb 1 to Feb 5, 2022 organized by Vivekananda Institute of Technology Jaipur.
- One week short term course on " Energy Conservation for Sustainable Society: Innovation and Entrepreneurial Opportunity" held online from Feb 27 to Mar 04, 2022 , organized by Institute Innovation Council, National Institute of Technology Silchar.
- Attended webinar on "Developing sustainable and durable concrete with plastic waste" organized by Ultratech Cement Ltd. and Concrete Institute Ghaziabad Centre on 5th March 2022.

*Engineers like to solve problems.*

*If there are no problems handily available, they will create their own problems.*

– Scott Adams





## STUDENT ACTIVITIES & ACHIEVEMENTS


-  Darshan Buragohain, a student of 8th Semester participated an online training programme on “Flood Management and Erosion Control” organized by NERIWALM, Tezpur in collaboration with NIH, Centre for Flood Management Studies, Patna from 27th Jan, 2022 to 28th Jan, 2022.
-  Selimuddin Ahmed, a student of 4th Semester performed an online course on JAVA and Data Science organized by R learning under Skillup from 15th Feb, 2022 to 05th March, 2022.
-  Aparajita Das, a student of 4th Semester worked as the co-author and compiler in anthology “A Dagger of Thoughts” published under the ISBN Number: 978-93-93209-35-1 by The Little Booktique Hub, Kolkata.
-  Chandrika Deka, Sannidhya Gogoi, Kirtika Kumar and Prianci Kashyap, students of 8th Semester got placed in Byju’s as Academic Specialist.
-  Rejaul Hoque, Imamul Hoque, Mijanur Ali Abdin, Suman Ali and Mahmudul Islam, students of 8th Semester got placed in CRTD Technologies as Business Development Associate (BDA).
-  Bikash Jha, a student of 6th Semester participated in the 25th National Youth Festival, 2022 organised by Ministry of Youth Affairs, Gout. of India on 12th Jan, 2022.
-  Bikash Jha, a student of 6th Semester completed the National Voter Awareness Quiz Contest organized by Election Commission of India on 05th March, 2022.


*We Shape Our  
Buildings,  
Thereafter They  
Shape Us.*


– Winston Churchill





## ALUMNI SECTION


 Rudra Karmakar, an alumnus of 2020 batch has achieved the 'Best Mentor Award' in IIT (ISM), Dhanbad.


 Rudra Karmakar, an alumnus of 2020 batch got placed in Federal Bank with a CTC of 12.56 LPA.


 Rudra Karmakar, an alumnus of 2020 batch got placed in Edumentor coaching centre of Delhi with a CTC of 9.5 LPA.


 Md. Hebju Hassan, an alumnus of 2020 batch is presently working as Technical Officer- I in Jal Jeevan Mission under Public Health Engineering Department, Assam.


 Rituparna Hazarika, an alumnus of 2020 batch is presently working as Technical Officer- I at Lakhimpur in Jal Jeevan Mission under Public Health Engineering Department, Assam.


 Bharbeena Talukdar, an alumnus of 2021 batch is presently working as Technical Officer- I at Goalpara in Jal Jeevan Mission under Public Health Engineering Department, Assam.

 Akanshya Hazarika, an alumnus of 2021 batch is presently working as Technical Officer- I in Jal Jeevan Mission under Public Health Engineering Department, Assam.

 Nauseen Haque, an alumnus of 2021 batch is presently working as Technical Officer- I in Jal Jeevan Mission under Public Health Engineering Department, Assam.

 Saurav Ghosh, an alumnus of 2020 batch is presently working as Technical Officer-I in Jal Jeevan Mission under Public Health Engineering Department, Assam.

 Nabajyoti Das, an alumnus of 2020 batch got placed Locofast: Cloud Textile Factory as Business Development Associate.

 Anndita Phukan, an alumnus of 2020 batch is presently working as Technical Officer - I at Nazira Division in Jal Jeevan Mission under Public Health Engineering Department, Assam

*Coming together is  
the Beginning.  
Keeping together is  
Progress. Working  
together is Success.*

**- Henry Ford**



# PHOTO GALLERY

CIVIL ENGINEERING BATCH 2018-22  
JIST, JORHAT



**Faculty Members alongwith the students of 8th Semester**

A Dagger of  
Thoughts

COMPILED BY  
Aparajita Das

**Book Compiled by  
Aparajita Das  
(4th Sem)**

CIVIL ENGINEERING BATCH 2019-23  
JIST, JORHAT



**Students of 6th Semester**

CIVIL ENGINEERING BATCH 2020-24  
JIST, JORHAT



**Students of 4th Semester**

# EDITORIAL BOARD

## EDITOR



**Ms. Deepika Taye**  
Assistant Professor, CE

## ADVISORS



**Dr. Sudarshan Patowary**  
Assistant Professor & HOD, CE



**Dr. Dipjyoti Baglari**  
Assistant Professor, CE



**Dr. Pranab Jyoti Barman**  
Assistant Professor, CE

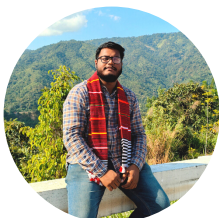
*"To write is  
human, to edit  
is divine."*

**-Stephen King**

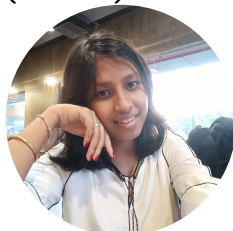
## Student Editors



**Darshan Buragohain (8th Sem)**



**Haridarshan Borah (6th Sem)**



**Saikee Das (6th sem)**