



A J INSTITUTE OF ENGINEERING AND TECHNOLOGY

NH-66, Kottara Chowki, Mangaluru -575006, Karnataka, INDIA

A Unit of Laxmi Memorial Education Trust®

(Approved by AICTE, New Delhi. Affiliated to Visveswaraya Technological University, Belagavi)

Accredited by NBA (BE: CV, CSE, ECE, ISE, ME)

Memorandum of Understanding (MOU)

The Russian State Hydrometeorological University

The Russian State Hydrometeorological University (RSHU), a premier institution in Russia specializing in meteorology, oceanography, and environmental sciences, has signed a Memorandum of Understanding (MoU) with A J Institute of Engineering and Technology (AJIET) in Mangaluru. This partnership aims to foster academic collaboration, research, and Symposiums, enhancing educational opportunities and knowledge-sharing between the two institutions in the fields of climate science and environmental engineering.

Activity Details

Sl No.	Event	Year	Page No.
1	AJIET-Symposium 2022	2022-23	2-6
2	AJIET-Symposium 2024	2023-24	7-11


Principal
A.J.Institute of Engineering & Technology
Mangaluru - 575 006

Date: 30-9-2022

REPORT ON "AJIET- SYMPOSIUM-2022"

Name of the Program:	AJIET- SYMPOSIUM- 2022	Program Dates & Timings:	30-9-2022 12:30P.M – 5 P.M
Name & Details of the Resource Person:	<p>ERSHOVA ALEXANDRA Associate Professor Russian State Hydrometeorological University (RSHU), St.Petersburg, Russia</p> <p>DR. EREMINA TATYANA Director Of Institute of Hydrology and Oceanology-Russia</p> <p>DAVYDENKO EKATERINA Hydrological Research at Institute of Hydrology and Oceanology- Russia</p> <p>DR. AMARNATH SHETTY Assoc. Prof, Department of Civil Engg-AJIET-Mangalore</p> <p>MR. SAKETH SHETTY Asst. Prof, Department of Civil Engg-AJIET-Mangalore</p> <p>MS. GREESHMA Student- Department of Civil Engg-AJIET-Mangalore</p> <p>MR. DHANUSH Student- Department of Civil Engg-AJIET-Mangalore</p> <p>MS.SHRIRAKSHA Student- Department of Civil Engg-AJIET-Mangalore</p> <p>MS. DEEKSHA Student- Department of Civil Engg-AJIET-Mangalore</p> <p>MS. JAHNAVI Student- Department of Civil Engg-AJIET-Mangalore</p>		

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Organized by (Clubs/ Dept.)	CIVIL ENGINEERING				
In Association with (clubs)	<ul style="list-style-type: none"> • Department of Student Association 'Team Resilience' • RUSSIAN State Hydrometeorological University • Indian Society of Technical Education (ISTE) • Institute of Engineers India (IEI) 				
Number of Participants	31	Students	20	Faculty	11
Program Outcome (PO) Mapping	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12				
Coordinators	Dr. Suman Kundapura/ Ms. Deeksha Anand/ Ms. Trapthi Shetty				

- **About the Program:** Department of civil Engineering in association with RUSSIAN State Hydrometeorological University has organised an online event on 30-9-2022 at 12:30 PM, 1st AJIET-SYMPOSIUM-2022(Knowledge Exchange Event) in association with AJIET Students Chapter Indian Society of Technical Education (ISTE) and Institute of Engineers India (IEI) through google meet platform (<https://bit.ly/3sekr16>). Symposiums enhance the technical knowledge of students and provide them a platform to exhibit their talents. It help students to identify and understand the various aspects of their domain which provides opportunities for them to develop their versatility and charisma in the divergent facet of their growth. In total 10 resourse persons presented their research papers and 30 participants took part in the event.

Objectives: The program AJIET- SYMPOSIUM-2022 enable students/ faculty

- To identify and understand various aspect of theme and problem.
- To facilitate opportunities for networking, collaboration and exchange of ideas with experts in evidence-based practice and education
- To develop the ability to take decision and judgement regarding the problem

Outcomes: On successful completion of this SYMPOSIUM-2022 student will be able to:

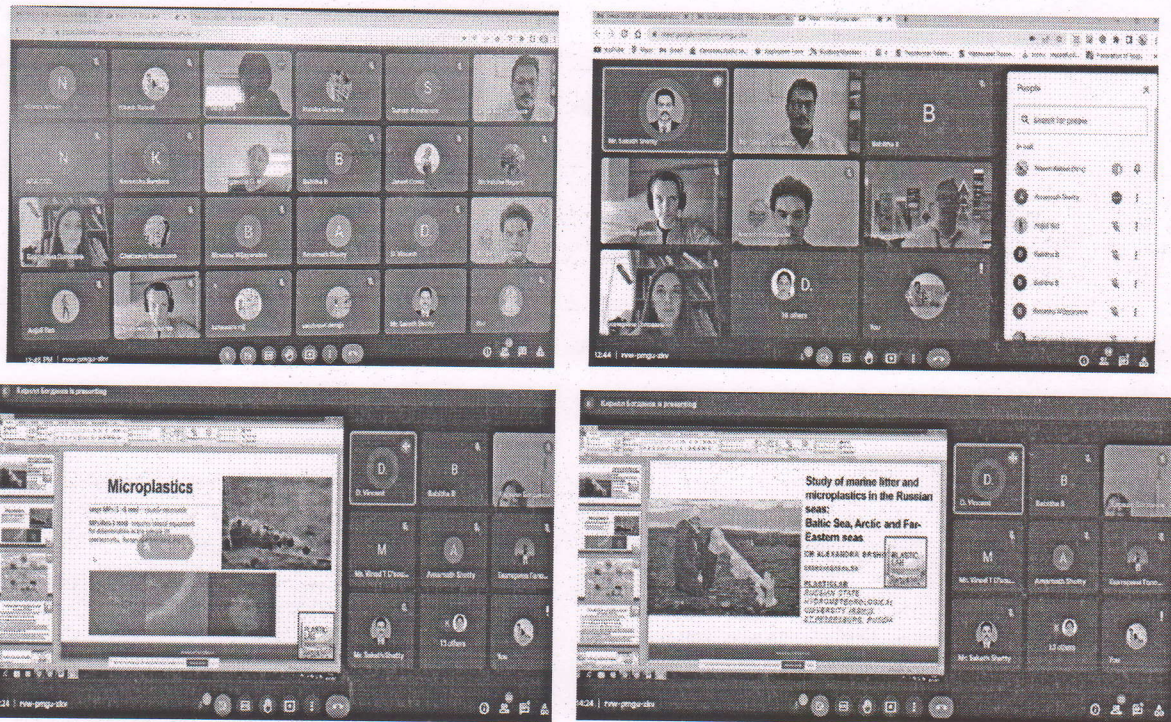
- Take up UG projects on real world problems and include research method, design of experiments, as per expert advice from RSHU.
- Confidently defend their work to the outside world with the sustainable Engineering solutions.

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Articulation Matrix:

Course Outcomes	Program Outcomes											
	1	2	3	4	5	6	7	8	9	10	11	12
1	2	2	2	3	1	1	2	1	1	1	1	1
2	2	2	2	3	1	1	2	1	1	1	1	1
Average	2	2	2	3	1	1	2	1	1	1	1	1

Photos:



W. J. J.
Coordinator
30/9/2022

S. S. K.
HOD

[Signature]
Principal

Principal
A.J. Institute of Engineering & Technology
Mangaluru - 575 008

Date: 30-9-2022

LIST OF PAPER TITLES "AJIET-SYMPOSIUM 2022"

SI No	Name of the participant/Resource Person	Designation	Department	PAPER TITLE
1	Ershova Alexandra	Associate Professor Geoecology, Mature Management and Ecological security Chair Russian State Hydrometeorological University (RSHU), St.Petersburg, Russia	Civil Engg	Development of methods for plastic litter and Microplastics monitoring in Russia
2	Dr. Eremina Tatyana	Director Of Institute of Hydrology and Oceanology- Russia	Civil Engg	Three Level education Programme in Marine sciences in Russian State Hydrometeorological University
3	Davydenko Ekaterina	Hydrological Research at Institute of Hydrology and Oceanology- Russia	Civil Engg	Hydrological Research at Institution of Hydrology and Oceanology Russia
4	Dr. Amarnath Shetty	Assoc Prof-AJIET	Civil Engg	Open Dump Yard and its Environmental effects
5	Mr. Saketh Shetty	Assist Prof-AJIET	Civil Engg	Community input for lake benefits- A study of Coastal Karnataka, India
6	Ms. Greeshma	Student- AJIET	Civil Engg	Detecting the GHG emissions from

Principal

				different land use systems
7	Mr. Dhanush	Student- AJIET	Civil Engg	Experimental investigation on Bamboo for low-cost housing
8	Ms. Shriraksha	Student- AJIET	Civil Engg	Strengthening of subgrade using Plastic waste
9	Ms. Deeksha	Student- AJIET	Civil Engg	Evaluation of Physiochemical characteristics and metal contamination risk in Netravathi and Gurupura river Basin
10	Ms. Jahnavi	Student- AJIET	Civil Engg	Evaluation of Strength properties in steel Plate Girder

Srujan K

Coordinator

Srujan K
HOD

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Date: 24-4-2024

REPORT ON "AJIET- SYMPOSIUM-2024"

Name of the Program:	AJIET- SYMPOSIUM-2024	Program Dates & Timings:	22-4-2024 3:30P.M – 5 P.M
Name & Details of the Resource Person:	DUGGANA RALALAGE KAVEESHA AARSHIWADHANI BHANDARA		
	Research Scholar Russian State Hydrometeorological University (RSHU), St.Petersburg, Russia		
	N LAXMIKANTH SHET		
	Student- Department of Civil Engg-AJIET-Mangalore		
	MAHESH		
	Student- Department of Civil Engg-AJIET-Mangalore		
	NIKHITHA K N		
	Student- Department of Civil Engg-AJIET-Mangalore		
	DAN S K		
	Student- Department of Civil Engg-AJIET-Mangalore		
AMOGH M G			
Student- Department of Civil Engg-AJIET-Mangalore			
MOHAMMAD THAMEEM			
Student- Department of Civil Engg-AJIET-Mangalore			
CHANDNI SANJAY			
Student- Department of Civil Engg-AJIET-Mangalore			
ABHINAV MOHAN			
Student- Department of Civil Engg-AJIET-Mangalore			
SHIVANI KODICAL			
Student- Department of Civil Engg-AJIET-Mangalore			
S SPANDANA KOTIAN			
Student- Department of Civil Engg-AJIET-Mangalore			

Organized by (Clubs/ Dept.)	CIVIL ENGINEERING				
In Association with (clubs)	<ul style="list-style-type: none"> • Department of Student Association 'Team Resilience' • RUSSIAN State Hydrometeorological University • Indian Society of Technical Education (ISTE) • Institute of Engineers India (IEI) • Institute of Electrical and Electronics Engineers (IEEE) 				
Number of Participants	42	Students	33	Faculty	9
Program Outcome (PO) Mapping	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12				
Coordinators	Dr. Suman Kundapura/ Ms. Deeksha Anand/ Ms. Trapthi Shetty/ Mr. Manju Kiran B				

- **About the Program:** Department of civil Engineering in association with RUSSIAN State Hydrometeorological University has organised an online event on 22-4-2024 at 3:30 PM, 2ND AJIET-SYMPOSIUM-2024(Knowledge Exchange Event) in association with AJIET Students Chapter Indian Society of Technical Education (ISTE), Institute of Engineers India (IEI), Institute of Electrical and Electronics Engineers (IEEE) through google meet platform (<https://meet.google.com/eyc-fjnp-gks>). Symposiums enhance the technical knowledge of students and provide them a platform to exhibit their talents. It helps students to identify and understand the various aspects of their domain which provides opportunities for them to develop their versatility and charisma in the divergent facet of their growth. In total 10 resource persons presented their research papers and 30 participants took part in the event.

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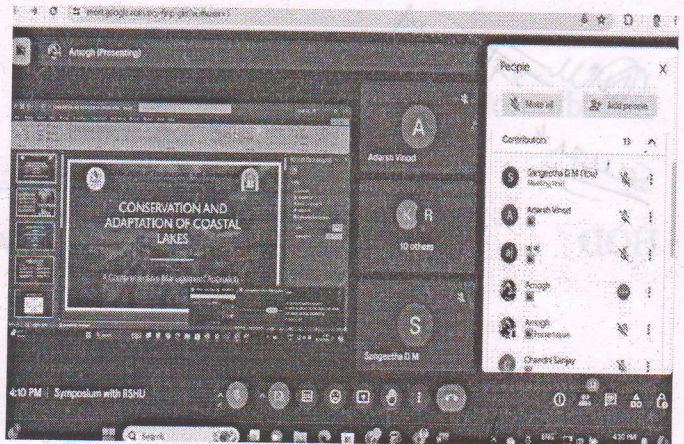
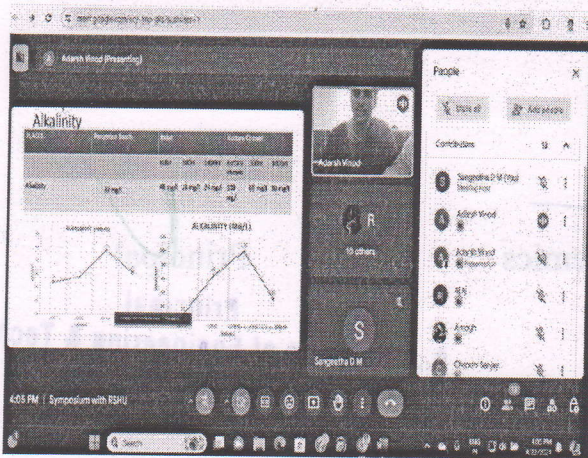
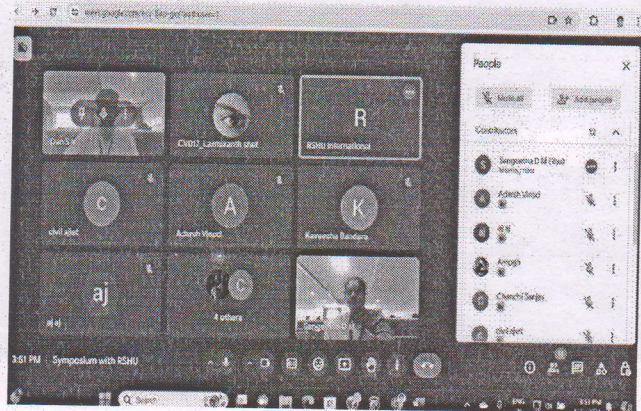
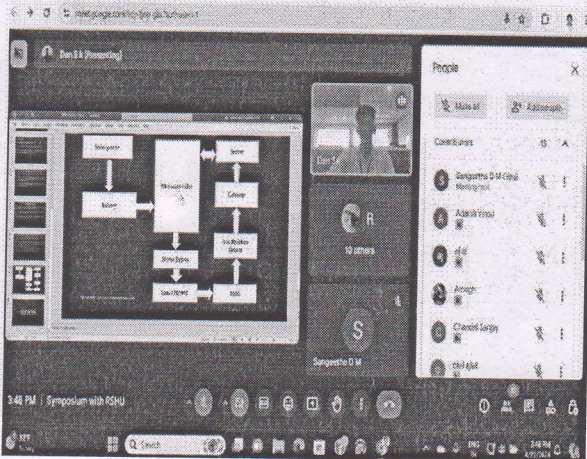
Outcomes: On successful completion of this SYMPOSIUM-2024 student will be able to:

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Articulation Matrix:

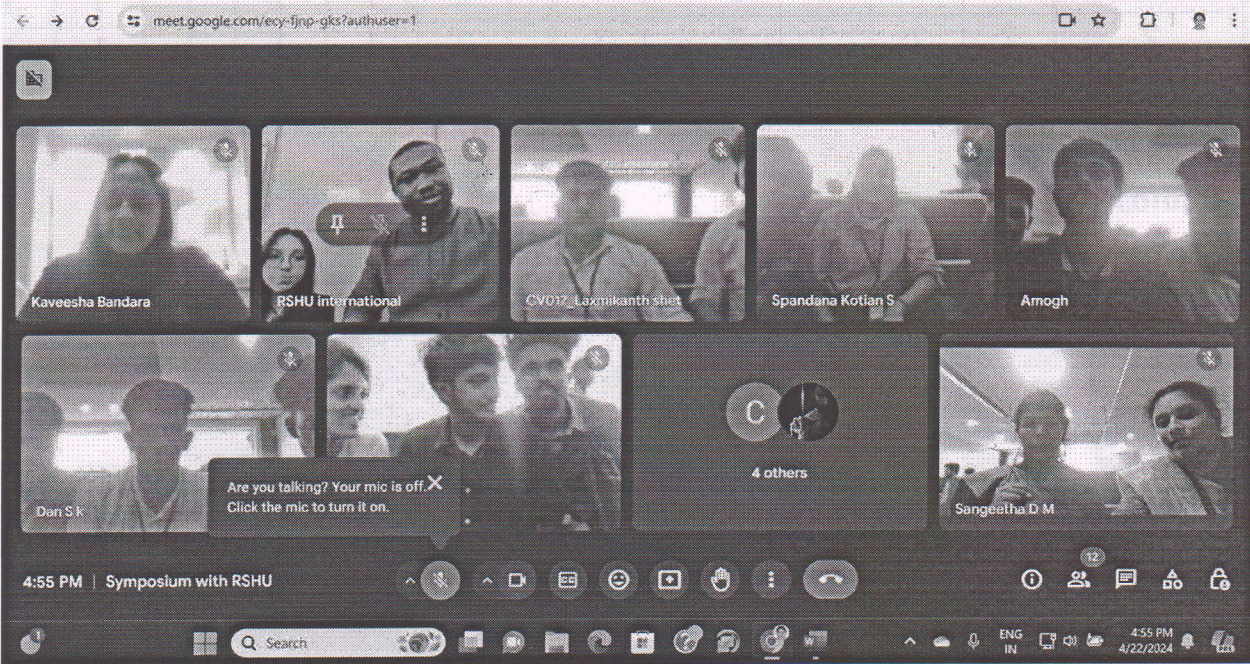
Course Outcomes	Program Outcomes											
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2	2	2	2	3	1	1	2	1	1	1	1	1
Average	2	2	2	3	1	1	2	1	1	1	1	1

Photos:



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email: hodcivil@ajiet.edu.in



[Signature]
 21/4/2024
 Coordinator
[Signature]
 HOD

[Signature]
 Dean Academics

[Signature]
 Principal
 Principal
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 Mangaluru - 575 006

email: hodcivil@ajiet.edu.in

Date: 22-4-2024

Attendance for "AJIET-SYMPOSIUM - 2024"

Sl No	USN	Name	Department	Signature
1	4JK20CV001	ABHINAV MOHAN	Civil Engg	[Signature]
2	4JK20CV002	ABHISHEK A	Civil Engg	[Signature]
3	4JK20CV003	ADITHYA RAMNATH	Civil Engg	[Signature]
4	4JK20CV004	AFLAH ABDURAHEEM	Civil Engg	[Signature]
5	4JK20CV005	AMOGH M G	Civil Engg	[Signature]
6	4JK20CV006	AYUSH SHETTY	Civil Engg	[Signature]
7	4JK20CV007	BIDHOVAN A JAMES	Civil Engg	[Signature]
8	4JK20CV008	CHANDNI SANJAY	Civil Engg	[Signature]
9	4JK20CV009	CHITHARANJAN	Civil Engg	[Signature]
10	4JK20CV010	DAN S K	Civil Engg	[Signature]
11	4JK20CV011	EDWIN ABRAHAM MATHEW	Civil Engg	[Signature]
12	4JK20CV012	EERANNA RANGAPPA DALAWAI	Civil Engg	[Signature]
13	4JK20CV013	FUSCO ANNA AUGUSTINE	Civil Engg	[Signature]
14	4JK20CV014	G TANVISHRAJ	Civil Engg	[Signature]
15	4JK20CV015	MAHESH	Civil Engg	[Signature]
16	4JK20CV016	MOHAMMAD THAMEEM	Civil Engg	[Signature]
17	4JK20CV017	N LAXMIKANTH SHET	Civil Engg	[Signature]
18	4JK20CV018	NAVYA K	Civil Engg	[Signature]
19	4JK20CV019	NIKHITHA K N	Civil Engg	[Signature]
20	4JK20CV021	RISHANA M S	Civil Engg	[Signature]
21	4JK20CV022	S SPANDANA KOTIAN	Civil Engg	[Signature]
22	4JK20CV023	SAGAR SURESH BAILANAYKAR	Civil Engg	[Signature]
23	4JK20CV024	SHIVANI KODICAL	Civil Engg	[Signature]
24	4JK20CV025	SHRUJAN S SHETTY	Civil Engg	[Signature]
25	4JK20CV026	U DHANVIN PADMANABHA THANTRI	Civil Engg	[Signature]
26	4JK21CV400	ALAN CHRISTY	Civil Engg	[Signature]
27	4JK21CV401	NITHIN RAJ	Civil Engg	[Signature]
28	4JK21CV402	PREETHAM	Civil Engg	[Signature]
29	4JK21CV403	ROYSTON	Civil Engg	[Signature]
30	4JK21CV404	SAITEJA	Civil Engg	[Signature]

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Coordinator
22/4/24

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H.O.D. - Civil Engineering

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