

MECH VAARTHA

VOLUME: XVIII

A QUARTERLY NEWSLETTER OF APRIL-JUNE 2022



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**DEPARTMENT OF
MECHANICAL ENGINEERING**

*Bapatla Engineering College, Bapatla
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Bapatla Engineering College::Bapatla *(AUTONOMOUS)* **Department of Mechanical Engineering**

Vision of the Department

"To become a centre of Excellence in producing the graduates as professional Mechanical Engineers with a high-quality education, innovative and entrepreneurial skills to secure the society and industry needs".

Mission of the Department

- *To impart high-quality education in curriculum and to build the students in their capacity and enhancing skills to make them globally competitive Mechanical Engineers.*
- *To prepare the students by providing exceptional academic environment, leadership, ethical guidelines and lifelong learning needed for a long professional career.*
- *To enhance the overall academic performance of the students gradually and thereby increasing their placement potential.*
- *To build the institute-industry interaction by providing the internship programs*

DEPARTMENT OF MECHANICAL ENGINEERING

BAPATLA ENGINEERING COLLEGE :: BAPATLA

BEC NEWSLETTER DATA

APR-JUN 2022

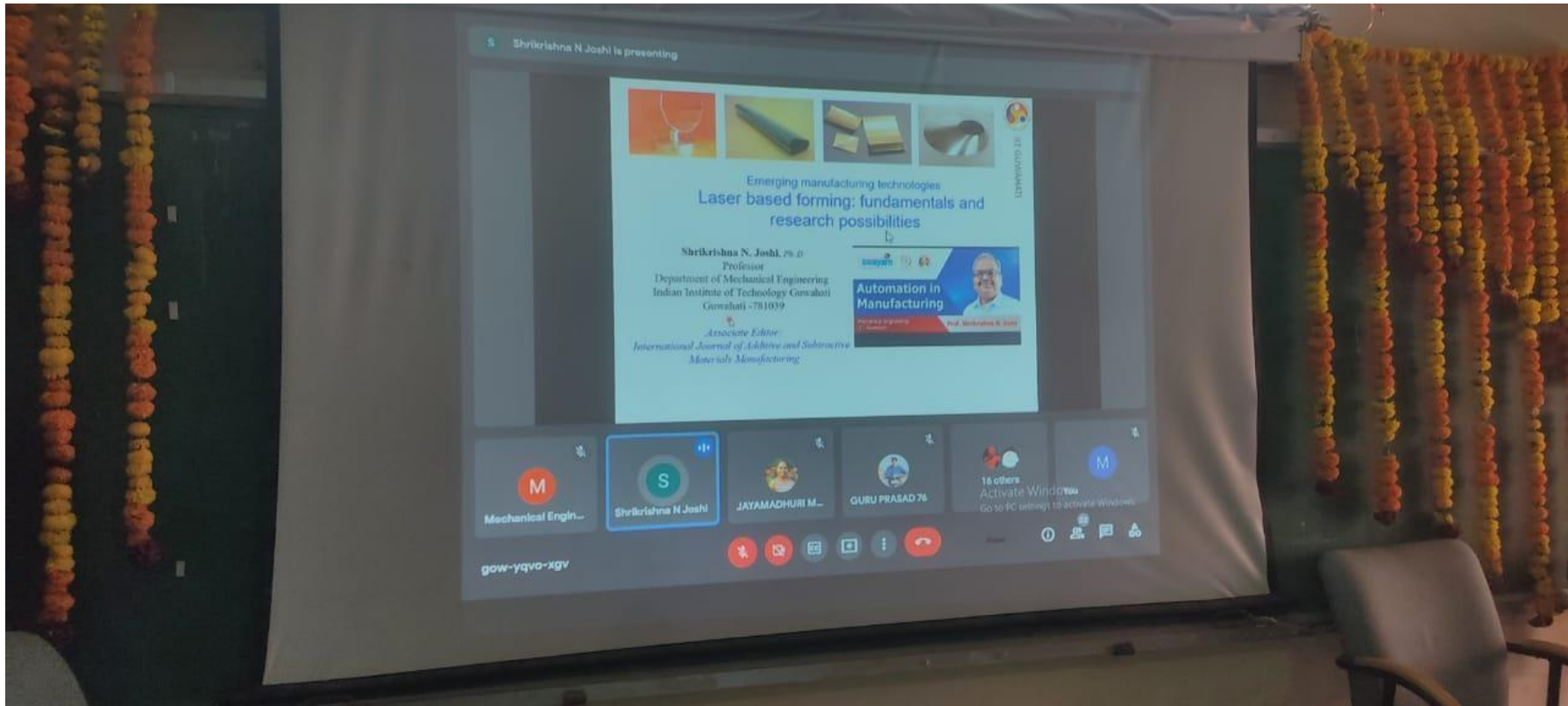
EVENTS ORGNANIZED BY THE DEPARTMENT

S.No	Title of the Event	Type	Duration	No of Sessions	Dates	Level	Speakers	Organizers	Stake holders	No of Participants
1.	Two-day International Conference on “Mechanical Engineering and Emerging Technologies (MEET 2022)”	Conference	2 Day	5	22.04.2022 To 23.04.2022	International	---	Dr. T Nanchraiah Dr P Ravi Kumar Dr D Sameer Kumar Sri D Vijay Praveen Sri A Praveen	Department Faculty , Students and Outstation Participants	86

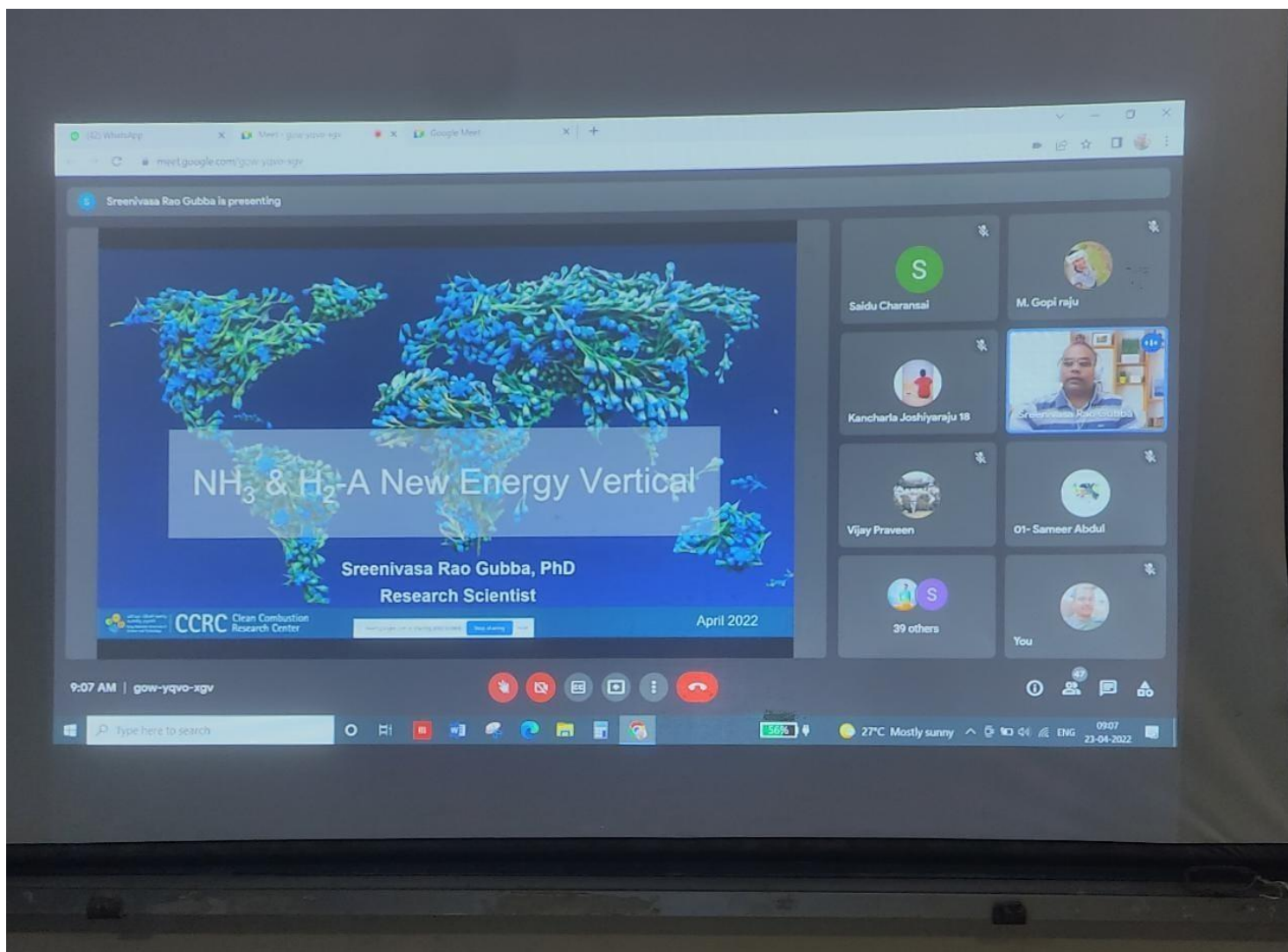
2	Laser Based Forming : Fundamentals to Research Possibilities	Key Note Session	1 Day	10:30 to 11:30	22.04.2022	International Level	Dr S N Joshi Professor Department of ME IIT - Guwahati	Dr. T Nanchraiah	Department Faculty , Students and Participants of MEET 2022	
3	NH ₃ and H ₂ – A new Energy Vertical	Key Note Session	1 Day	09:00 to 10:30	23.04.2022	International Level	Dr Sreenivasa Rao Gubba KAUST , Saudi Arabia	Dr. T Nanchraiah	Department Faculty , Students and Participants of MEET 2022	
4	Department Magazine “MECHATRONIZE”	AME event	1 Day	09:00 to 01:00 pm	26.04.2022	Department Level	--	Dr. T Nanchraiah Sri M Subrahmanyam	Department Faculty, Students	



Releasing of Proceedings of ICMEET by the dignitaries on 22.4.2022



Key Note Address #1 by Dr. S. N. Joshi , IIT Guwahati



Key Note Address #2 by Dr. Sreenivasa Rao Gubba, KAUST



'Mechatronize' magazine release function on 26.4.2022

Workshops/FDPs/Seminars Attended by the Faculty:

Name in FULL	Designation	Event Details / FULL Title	Conducted by College Name /Industry (Full) with location	Duration (No of days)	From	To
Dr. B. IFTEKHAR HUSSAIN	Associate Professor	Workshop on " Improving Scientific Research writing and Publication Skills	R.K.D.F. University, Bhopal (M.P.)	1	4/16/2022	4/16/2022
Dr. B. Iftekhar Hussain	Associate Professor	INTERNATIONAL CONFERENCE on MECHANICAL ENGINEERING AND EMERGING TECHNOLOGIES MEET 2022]	Bapatla Engineering College , Bapatla ANDHRA PRADESH – 522102	2	4/22/2022	4/23/2022

Publications of the Faculty:

Name in FULL	Designation	Title of Publication	Published in	Other authors	Vol/Issue No.	Page Numbers
Sri.S. Ravi Kumar	Assistant Professor	Wear Studies of AZ91-SiC/FA Composites using Taguchi Approach and Artificial Neural Networks (ANN) Fabricated by Stir-Casting	Design Engineering	RAVIKUMAR SARANU,RATNAM CHANAMALA,PUTTI SRINIVASARAO	5	2531-2555
Sri.S. Ravi Kumar	Assistant Professor	Wear Behaviour of Magnesium Metal Matrix Hybrid Composites –A Detailed Review	Incas Bulletin	P. UMAMAHESWARRAO, D. RANGARAJU, K. N. S. SUMAN, B. RAVISANKAR	7	
Sri. P. Uma Maheswar Rao	Assistant Professor	Machining force comparison for surface defect hard turning and conventional hard turning of AISI 52100 steel	Materials Today	Nancharaiah Tata, Ravi Kumar Pacharu, Sameer Kumar Devarakonda	13(3)	205 – 214
Dr. P. Ravi Kumar	Associate Professor	Multi response optimization of process parameters in wire-cur EDM on INCONEL 625	Design Engineering	RAVIKUMAR SARANU,RATNAM CHANAMALA,PUTTI SRINIVASARAO	47(19)	6960-6964