

BAPATLA ENGINEERING COLLEGE::BAPATLA
(AUTONOMOUS)

DEPARTMENT OF MECHANICAL ENGINEERING

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1st International Conference on
Mechanical Engineering and Emerging Technologies

(MEET – 2022)

22- 23RD APRIL 2022

REPORT on Two-day International Conference on “Mechanical Engineering and Emerging Technologies (MEET 2022)” organised by Department of Mechanical Engineering, Bapatla Engineering College, Bapatla during on 22nd – 23rd April 2022.

First of all, I would like to thank the Management, Principal for giving us permission to conduct the conference in the emerging areas of Mechanical Engineering in online mode. This conference is aimed at technology transfer between students, faculty from academia and also to industry personal. Prestigious Publisher from Switzerland, M/s Trans Tech Publications Limited has given their approval to publish the conference proceedings.

The Conference was inaugurated in off line by the Chief Guest Sri. K V Ravi Kumar , Dean , ARSDC along with Guest of Honour Sri. MUPPALANENI SRINIVASA RAO , President and Sri. MANAM NAGESWARA RAO, Secretary, Bapatla Educational Society followed by other members of BES. The management members appreciated the efforts of the Department for making the arrangements and for the dissemination of knowledge in the field of Mechanical Engineering.

The Conference was started with Key note sessions by Dr. S.N. Joshi, IIT Guwahati on First day and by Dr. Sreenivasa Rao Gubba, KAUST, Saudi Arabia on 2nd day. The Key note sessions planned has given an overview of Manufacturing and Thermal stream innovations by the speakers. Both the Key note sessions were really thought provoking and rich in technical content. You Tube live stream has been provided for both Inauguration and Keynote sessions.

Good Number of conference Papers were received, reviewed and presented. Participants are from Tamilnadu, Telangana and Andhra Pradesh. The Conference sessions were planned via Google meet. A mix of internal and external members have been nominated as Session Chairs. All the Sessions were conducted smoothly by the cooperation between the participants and chairs. The participants were exposed to different fields of research and

gained the knowledge of different tools, techniques, methodologies to address the contemporary problems.

Finally, sessions are ended with the closing remarks by Dr. T Nancharaiah , Professor & HoD, ME Department , Convener , MEET 2022. Feedback was taken at the end of Valedictory session and response was really appreciating.

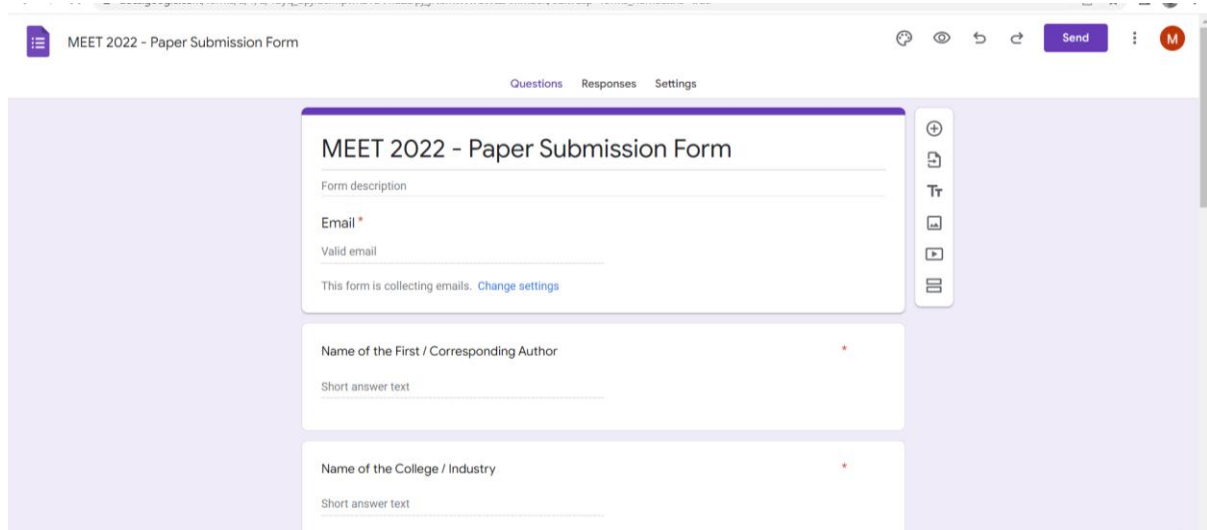
Certificates are generated through a software and distributed without any discrepancies from participants.

In this connection, I once again thank the Management, Principal and department staff for their cooperation in smooth conduction of event.

[Dr. T Nancharaiah]
Professor & HoD , ME Department
Convener- MEET 2022

Paper Submission Form

<https://forms.gle/yrHXHUv5vWCs8q7B7>

A screenshot of a Google Forms interface. The form is titled "MEET 2022 - Paper Submission Form". It has a purple header bar with the title and a "Send" button. Below the header, there are tabs for "Questions", "Responses", and "Settings". The form contains three questions: 1. "Form description" (text area), 2. "Email *" (text field with a red asterisk, labeled "Valid email", and a note "This form is collecting emails. Change settings"), 3. "Name of the First / Corresponding Author" (text field with a red asterisk, labeled "Short answer text"), and 4. "Name of the College / Industry" (text field with a red asterisk, labeled "Short answer text"). On the right side, there is a vertical toolbar with icons for adding questions, duplicating, deleting, and other form management actions.

Google Meet Details

MEET - 2022

April 22, 2022, 8:30am – April 23, 2022, 5:00pm ·

Google Meet joining info

Video call link: <https://meet.google.com/gow-yqvo-xgv>

You Tube Live Streaming Details :

Inauguration : <https://youtu.be/S6tqdcFFV-Q>

Key Note Session #1 : <https://youtu.be/tBRZ97vsz7U>

Key Note Session # 2 : <https://youtu.be/4td3W9EcHD0>

Inauguration :

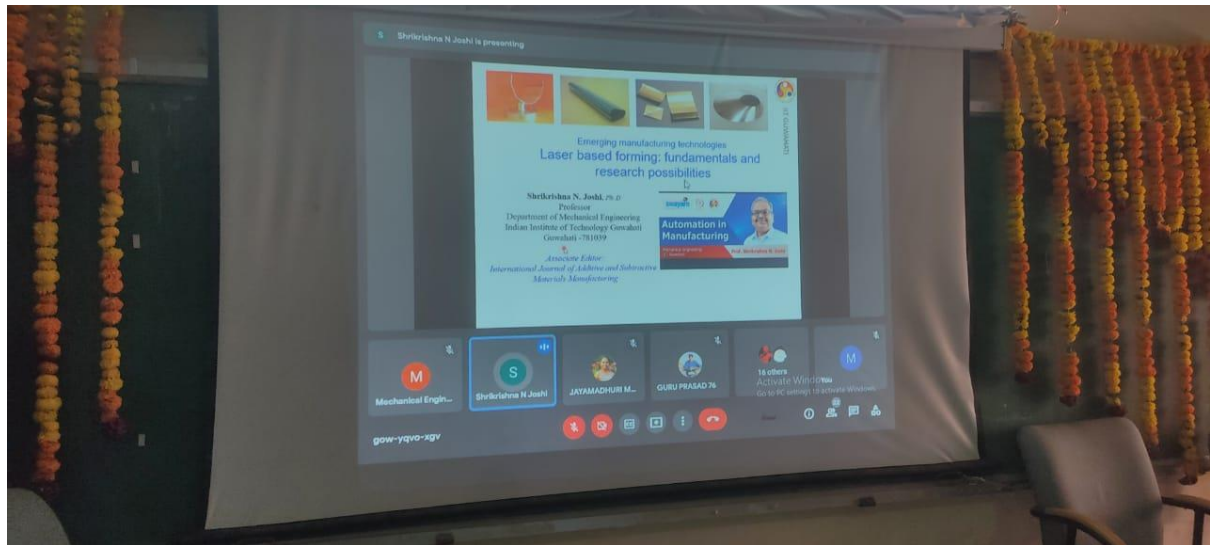


Lightening the Lamp by Chief Guest Sri. K.V. Ravi Kumar , Dean , ARSDC

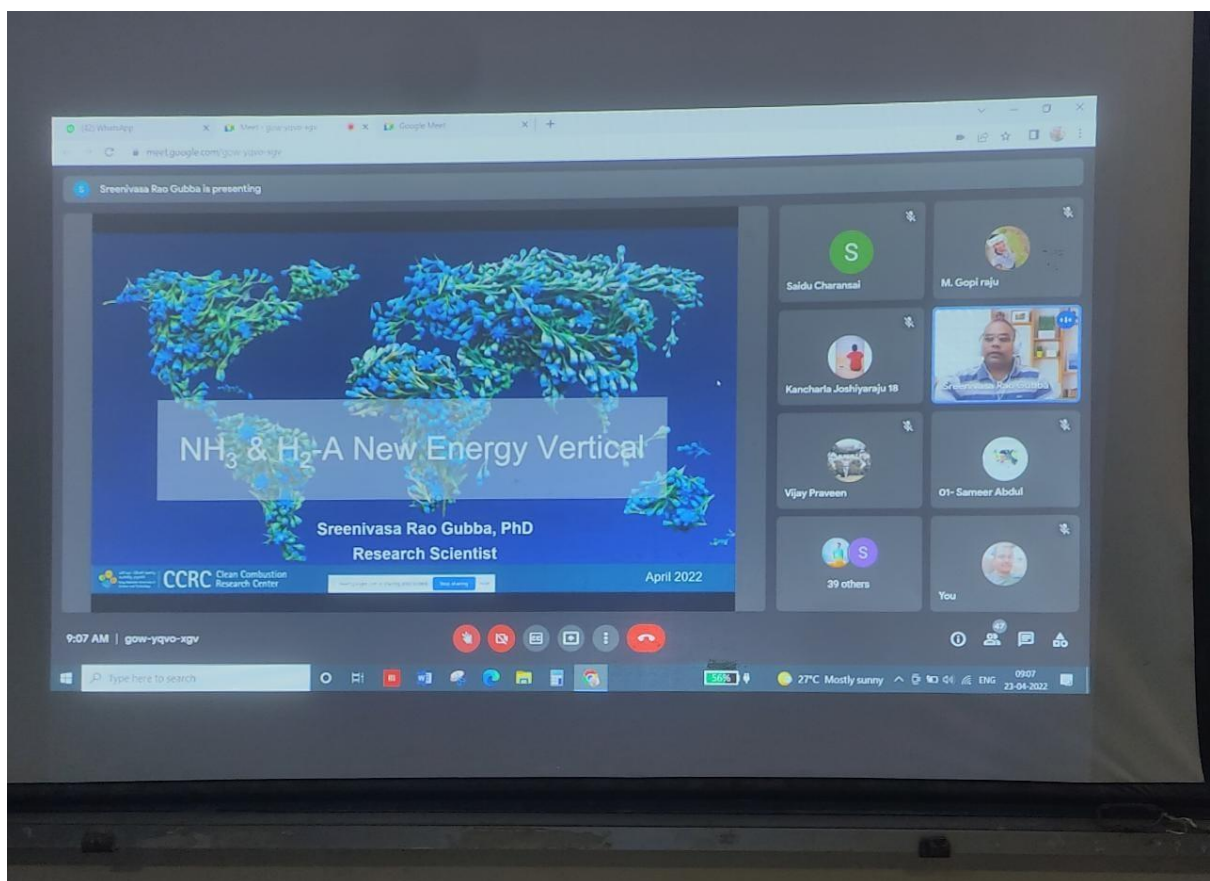


Releasing of Proceedings by the dignitaries

Key Note Sessions :

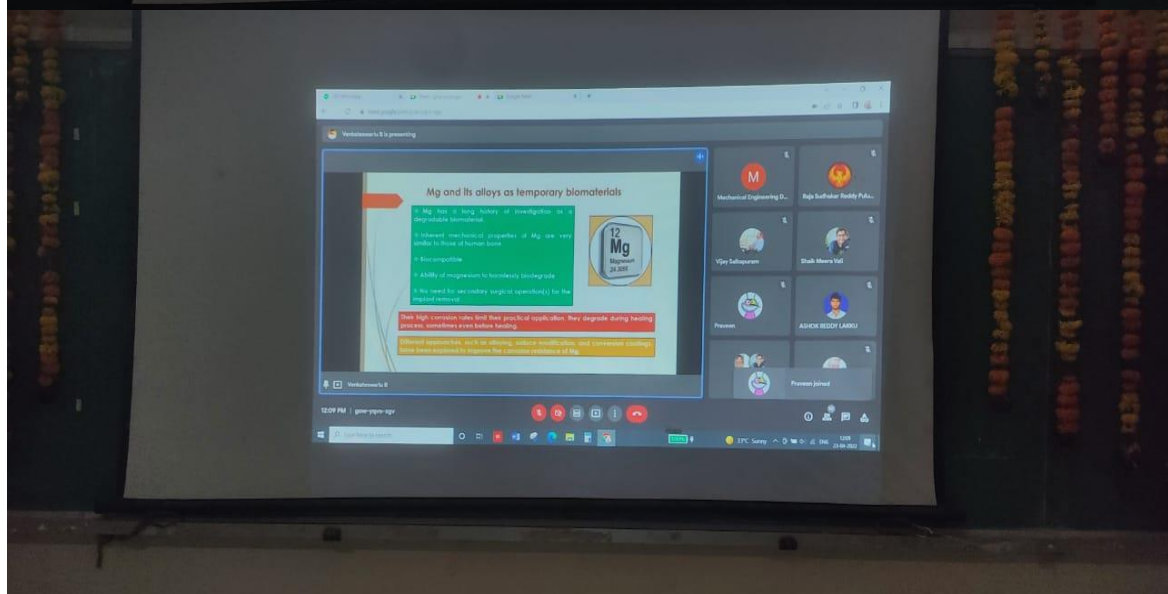
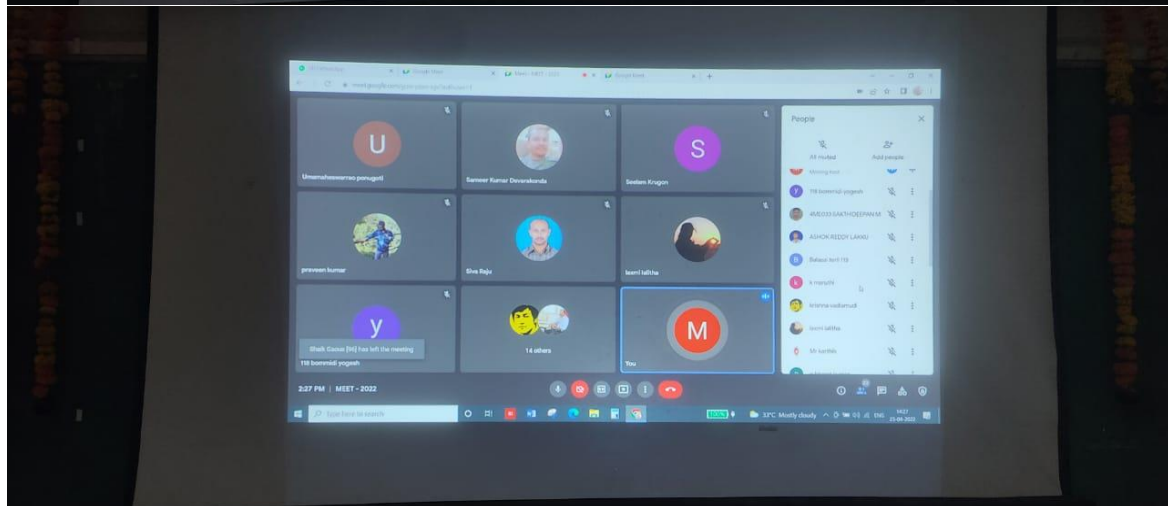


Key Note Address #1 by Dr. S. N. Joshi , IIT Guwahati



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

Presentations from the Participants



Publication Partner - TransTech Limited , Switzerland

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Editor: Dr. Sameer Kumar Desai

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Sort By: TOP

PAPER TITLE	ADDED	REV	STATUS	REVIEW	EDITOR	AUTHOR	CODE	COPYRIGHT STATUS	EDITOR COMMENTS
Analysis of Functionally Graded Cylinders Subjected to Internal Pressure	2022-06-08 18:41	Revisions	2.0.0	Tata Nandharan	UJAYAKRISHNAN VISHAKA SIVA SAI				add
WECD Parametric Study on Machine Response of AA-6061-T6/Al ₂ O ₃ /MMC	2022-06-23 19:09	Revisions	2.0.0	Sameer Kumar Desai	S. Bharan Kumar				add
Meso Structural and Homogenized Study of Al-SiC ₃ Composite with 3D Centric Beams	2022-06-23 19:10	Revisions	2.0.0	Sameer Kumar Desai	SALVEER KULIAH SELARADINDA				add
Real-time Vibration Control Device for Secondary Suspension of a Railway Vehicle to Improve Ride Comfort	2022-06-14 13:00	Revised	2.0.0	Sameer Kumar Desai	Sai Kumar Tadepalli				add
Estimation of Effect of Cold Rolling Deformation Behavior on Al-2024 Alloy Reinforced with Pin-like Particles	2022-06-20 17:00	Revised	2.0.0	Tata Nandharan	Chandana Ray				add
Optimization of Time, Part Accuracy and Surface Roughness of Ti-6Al-4V Processed through SLM	2022-06-20 19:00	Revised	5.0.0	Tata Nandharan	Sanku Sharma, Baidy				add
A Review of Aluminum-Super Absorbent Polymers Based Ultra Micro Composite Materials	2022-06-14 21:04	Revised	2.0.0	Sameer Kumar Desai	UJAYAKRISHNAN				add
Building Load of a Reinforced Concrete Frame with Corrosion and Deformation Limit Element Method	2022-06-15 16:13	Revised	2.0.0	Tata Nandharan	ANNA MACHARU MAIDAYA				add
Mechanical Properties of Poly and Graft Polymer Mixed Polymer Matrix Composites Using Bioresin and Microcomposites	2022-06-15 17:00	Revised	2.0.0	Tata Nandharan	ASLI HODICE				add

Sample Certificate



News Paper Coverage

విద్యార్థుల విజయానికి నైపుణ్యాలు కీలకం

● అమరరాజు నైపుణ్యాభివృద్ధి సంస్థ డీన్ రవికుమార్

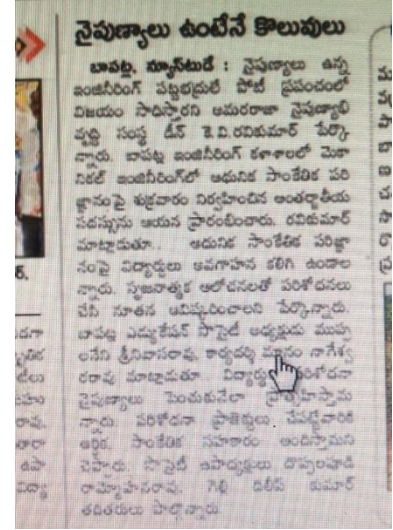
బాపట్ల, ఏప్రిల్ 22: ప్రస్తుత పోటీ ప్రపంచంలో విద్యార్థులకు ఉపాధి అవకాశాలకు కొదవ లేదని వాటిని అందిస్తున్నారంటూ నైపుణ్యాభివృద్ధి ఎంతో కీలకమని అమరరాజు నైపుణ్యాభివృద్ధి సంస్థ డీన్ కేపీ రవికుమార్ పేర్కొన్నారు. బాపట్ల ఇంజనీరింగ్ కళాశాల మెకానికల్ విభాగం ఆధ్వర్యంలో మెకానికల్ ఇంజనీరింగ్ ఆండ్ ఎమర్జింగ్ టెక్నాలజీస్ ఆన్ అంశంపై రెండురోజుల అంతర్జాతీయ సదస్సును శుక్రవారం ప్రారంభించారు. బాపట్ల ఎడ్యుకేషన్ సొసైటీ అధ్యక్ష, కార్యదర్శి ముప్పలనేని శ్రీనివాసరావు, మానం నాగేశ్వరరావులతో కలిసి ఆయన జ్యోతిప్రజ్వలన చేసి ప్రారంభ సదస్సులో ప్రసంగించారు. నైపుణ్యాలను పెంచుకోవటానికి అవలంబించవలసిన మార్గాలను విశ్లేషించారు. సదస్సులో ముప్పలనేని శ్రీనివాసరావు మాట్లాడుతూ విద్యార్థులు తమలో దాగియున్న నైపుణ్యాలను బయటకు తీసి పరిశోధనలపై దృష్టిసారించాలన్నారు. కార్యదర్శి మానం నాగేశ్వరరావు, కళాశాల ప్రెసిడెంట్ డాక్టర్ వి.దామోదరనాయుడు, కార్యక్రమ సమయస్వయంకర్, మెకానికల్ విభాగాధిపతి డాక్టర్ తాతా నాందారయ్య ప్రసంగించారు. వివిధ రాష్ట్రాల నుంచి విద్యార్థులు, అధ్యాపకులు, పరిశోధకులు పాల్గొన్నారు.

కార్యక్రమంలో పాల్గొవ్వ సభ్యులు దొమ్మలపూడి రామోహనరావు, జి.దిలీప్ కుమార్, కొమ్మినేని హరిపద్మ ప్రసాద్, టి.రామకృష్ణారావు తదితరులు పాల్గొన్నారు.

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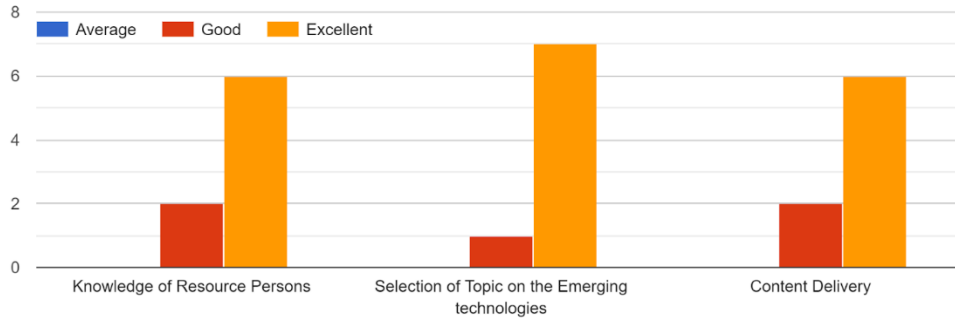
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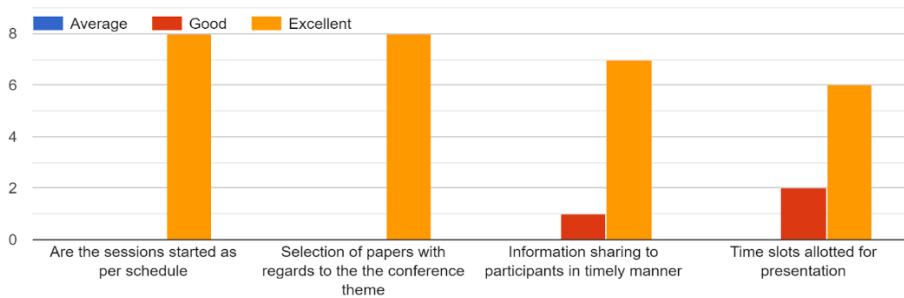
Eenadu & Andhra Jyothi Articles on 23.04.2022

Feedback :

Feedback on Key Note address 1 & 2



Feedback on Conference organization



-THANK YOU -