



KG REDDY
College of Engineering
& Technology
AN AUTONOMOUS INSTITUTION

NEWSLETTER

VOLUME 09 • DECEMBER- 2024



**ENGINEERING
INDIA'S
CHANGEMAKERS**

DEPARTMENT OF MECHANICAL ENGINEERING (ME):

1. A visit to BVRIT, Hyderabad on 5th December 2024:

Mr K. Anil Kumar and Mr. I. Vinoth Kanna, Asst.Profs. The faculty members and students visited the BVRIT Hyderabad campus as part of an Academic visit. This visit aims to enhance the EV Club and start an SAE Collegiate Club at KGR CET. Our Team explored their Centre for Automotive Technology, witnessing their exceptional vehicle design, simulation, manufacturing, and testing facilities spread over 2 acres.

The following students were the part of visiting team:

Sl.No	Sl.No	Roll Number	Name of the student
1	IV/II	22QM5A0316	K. Yugendar
2	III/I	23QM5A0301	Addanki Bhargav Srinivas
3	II/I	24QM5A0303	Sekhar
4	II/I	24QM5A0308	Siddharth



The faculty along with students at BVRIT Hyderabad campus

2. Parent-Teacher Meeting:

A Parent-Teacher Meeting for the II-year students was held on December 7, 2024. The faculty mentors, Mr. B. Ramesh and Ms.Tanya, interacted with the parents in the presence of the HoD in charge, Mr. S. Sathish.

3. Dr. Lade Jayahari, Dr. Dharavath Baloji, and students Mohammed Khadeer and M. Shiva Prasad have filed a Patent on 13th Dec.2024 on the Title " A Device To Generate Water From Atmospheric Air For Birds.

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(<http://ipindia.nic.in/index.html>)

Patent Search

Invention Title	A DEVICE TO GENERATE WATER FROM ATMOSPHERIC AIR FOR BIRDS
Publication Number	50/2024
Publication Date	13/12/2024
Publication Type	INA
Application Number	202441091972
Application Filing Date	26/11/2024
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	CIVIL
Classification (IPC)	E03B0003280000, F25B0021020000, F25B0021040000, B01D0005000000, F38B0009000000
Inventor	

4. As part of ATAL FDP (organized by GRIET), Mr. Sathish and Mr. B. Ramesh attended an industrial visit at ARCI Balapur along with All the participants.



5. Mrs. K. Kalpana, HoD-Mechanical, completed the AICTE -QIP -PG Certification Course on 3D-Printing at IIT Palakkad.

6. Dr. D.Baloji, Associate Professor, completed the AICTE QIP PG CERTIFICATE Course on "Machine Learning" at IIIT Surat.





A Group picture at IIT Surat

7. Mr. A.Seshappa from the department has completed the final Ph.D Viva Voce at JNTUH, Hyderabad. Title of Research: INVESTIGATION OF MECHANICAL CHARACTERISTICS OF AL7075 METAL MATRIX COMPOSITES USING AL2O3 AND SiC NANO FILLER MATERIALS.



During the presentation - Dr. K.Udaya Sri, Associate Professor.

9. Mr. S. Sathish, Assistant Professor has completed the ATAL Faculty Development Program (ATAL FDP) on "Role of Additive Manufacturing Applications in Sustainable Materials". GRIET-Hyderabad conducted this course in association with AICTE.

10. Mr. Anil, Assistant Professor, has completed the ATAL Faculty Development Program (ATAL FDP) on the "Role of Additive Manufacturing Applications in Sustainable Materials." This course was conducted by GRIET -Hyderabad in association with AICTE.

11. Mr. B. Ramesh, Assistant Professor has completed the ATAL Faculty Development Program (ATAL FDP) on "Role of Additive Manufacturing Applications in Sustainable Materials." This course was Conducted by GRIET -Hyderabad in association with AICTE.

12. Appala Rakesh Goud, a final-year student, participated in Innovation 5.0 at SRIX WARANGAL on December 6, 2024.

13. Mr. K. Praveen Kumar, Assistant Professor, participated in the CEED Monthly Teaching and Learning Conclave held on 31st December 2024.



An appreciation Creative for Mr. A. Seshappa.

8. Dr. K. Udaya Sri, Associate Professor, participated in the Regional Research Symposium on Project-Based Learning (RRSPBL-2024) at Anurag University. She presented a paper and shared their reflections on Student-Centric Learning (SCL) Activities, published in a special Volume of the Journal for Engineering Education Transformation (JEET).



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NEWSLETTER

VOLUME 09 • NOVEMBER- 2024



**ENGINEERING
INDIA'S
CHANGEMAKERS**

DEPARTMENT OF MECHANICAL ENGINEERING (ME):

1. A Guest Lecture on "Recent trends in Automobile Engineering" was organized on 1st November 2024. Mr. G. Rama Chander Yadav, founder of Zero Custom Motorcycles, was the speaker, and the faculty coordinator was Mr. S. Sathish, Assistant Professor.



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15
YEARS OF
BRILLIANCE

DEPARTMENT OF
MECHANICAL ENGINEERING

Guest lecture on

Recent trends in Automobile engineering

Date: 01-11-2024
Venue: Class Room

Organized By
Department of Mechanical Engineering

G. Ram Chander Yadav
Founder of Zero Custom Motorcycles
(Alumni)

Faculty Coordinator: **Singarapu Sathish**



2. The Department of Mechanical Engineering is pleased to inform you that two of the 3rd-year Mechanical Engineering students and members of the PALS Thinkathon successfully participated in events conducted at VEDIC Hyderabad on November 7, 2024.

2. The Department of Mechanical Engineering is pleased to inform you that two of the 3rd-year Mechanical Engineering students and members of the PALS Thinkathon successfully participated in events conducted at VEDIC Hyderabad on November 7, 2024.

List students participated:

Sl.No	Sl.No	Roll Number	Name of the student
1	III/I	23QM5A0311	Mohammad Tanveer Nawaz
2	III/I	22QM1A0308	B. Mahesh



3. A Five-Day Faculty Development Program on "Enhancing Skills in Fusion 360 Software" was organized in association with Auto Desk Design Labs from November 7th to 11th, 2024. Mr. Ajay Kumar Reddy was the trainer for this FDP, and Mr. S. Sathish, Mr. I. Vinod Kanna, and Mr. K. Anil were the Faculty coordinators for this FDP. The total number of participants for this FDP was 29.

**5 Days Faculty Development Programme on
Enhancing Skills in Fusion 360 Software**

Organized by
Department Of Mechanical Engineering
In Association With Auto Desk Design Labs

Date : 07/11/2024 to 11/11/2024
Time : 9:30am to 4:00pm
Venue : Computer Laboratory(T-423)

Coordinators
Mr. S.Sathish
Mr. Kalluri Anil
Mr. I Vinoth Kanna

YADALI BHASKARA RAO
CEO, DESIGN LABS

AJAY KUMAR REDDY
TRAINER, DESIGN LABS

List students participated:

Sl.No	Name of the student	Last Name	Department
1	Sai Satyanarayana Reddy	Seelam	CSE
2	Chilakamarri L	Aslesha	MECH
3	Thangamani	K	CIVIL
4	Peram Kondala	Rao	MECH
5	Vinoth Kanna	I	MECH
6	Ravi Kumar	G	CIVIL
7	Taskeen	Nasim	H&S
8	Kalluri	Anil	MECH
9	Venkata Rao	Yanamadni	CSE
10	Bhonagiri	Ramesh	MECH
11	Girish	K	MECH
12	Vangapandu	Chandrakala	MECH
13	Singarapu	Sathish	MECH
14	Tuti	Sandhya	ECE
15	Kilaru	Kalpana	MECH
16	Dheeraj Kumar	Gajula	MECH
17	Gangavarapu	Shanya Psalms	CSE
18	Vishnuprasad	Mahanti	MECH
19	K.praveen	Kumar	MECH
20	Angadi	Seshappa	MECH
21	Pavan Kumar	V	CSE
22	Prasanna Kumari	Pothala	MECH
23	Eswara Teja	A	MECH
24	Guttula	Anusha	MECH
25	Aamer	Sohail	MECH
26	Syed	Mustafkhadri	MECH
27	Aysola Sai	Chander	ECE
28	Gangavarapu	Tanya Psalms	MECH

**INTRA INSTITUTIONAL IDEA
HACKATHON**

DATE: 04TH & 05TH
NOVEMBER 2024

ISME
INSTITUTION INNOVATION COUNCIL
KASE



An INTRA INSTITUTIONAL IDEA HACKATHAON was held at KGR CET during 4th and 5th November 2024.

The following students participated.

Sl.No	Sl.No	Roll Number	Name of the student
1	III/I	23QM5A0303	Boyinapally Saiteja
2	III/I	23QM5A0304	Busa Rachana
3	III/I	23QM5A0307	G Anvesh
4	III/I	23QM5A0314	R.dinesh Kumar
5	III/I	23QM5A0308	Gangarajula Datta Sai Kumar
6	III/I	23QM5A0301	Addanki Bhargav Srinivas
7	III/I	23QM5A0305	Dasari Raju
8	III/I	22QM1A0303	K.shivamanikanta
9	III/I	23QM5A0313	N. Prudvi Raj
10	III/I	23QM5A0311	Mohammad Tanveer Nawaz

- Mrs. K. Kalpan, Asst. Prof. & HOD of Mechanical Engineering has completed the NPTEL online certification course on "Fundamentals of Additive Manufacturing Technology" with a consolidated score of 55% .NPTEL-SWAYAM&AICTE conducted this course.
- Mr. S. Sathish (Asst .Prof.) has completed the NPTEL online certification course on "Artificial Intelligence and Machine Learning in Materials Engineering" with a consolidated score of 57%. NPTEL-SWAYAM&AICTE conducted this course.
- Mr.Anil (Asst .Prof) has completed the NPTEL online certification course on "Artificial Intelligence and Machine Learning in Materials Engineering" with a consolidated score of 55%. NPTEL-SWAYAM&AICTE conducted this course.
- Mr. K. Praveen Kumar (Asst .Prof.) has completed the NPTEL online certification course on "Artificial Intelligence and Machine Learning in Materials Engineering" with a consolidated score of 55%. NPTEL-SWAYAM&AICTE conducted this course.
- Mrs. K.Kalpan, Asst. Prof. & HOD has completed the NPTEL online certification course on "Metal Additive Manufacturing" with a consolidated score of 83% and got ELITE Certification. NPTEL-SWAYAM&AICTE conducted this course.

- Mrs. K.Kalpan, Asst. Prof. & HOD has completed the NPTEL Faculty Development Program (FDP) on "Fundamentals of Additive Manufacturing Technology" with a consolidated score of 55% .NPTEL-SWAYAM&AICTE conducted this course.
- Mr. S. Sathish (Asst .Prof.) has completed the NPTEL Faculty Development Program (FDP) on "Artificial Intelligence and Machine Learning in Materials Engineering" with a consolidated score of 57% .NPTEL-SWAYAM&AICTE conducted this course.
- Mr.Anil (Asst .Prof) has completed the NPTEL Faculty Development Program (FDP) on "Artificial Intelligence and Machine Learning in Materials Engineering" with a consolidated score of 55%. NPTEL-SWAYAM&AICTE conducted this course.
- Mr. K. Praveen Kumar (Asst .Prof.) has completed the NPTEL Faculty Development Program (FDP) on "Artificial Intelligence and Machine Learning in Materials Engineering" with a consolidated score of 55% .NPTEL-SWAYAM & AICTE conducted this course
- Mrs. K.Kalpan,Asst .Prof. & HOD has successfully completed the NPTEL online certification course on "Metal Additive Manufacturing" with the consolidated score of 83% and got ELITE Certification. This course was Conducted by NPTEL-SWAYAM & AICTE
- Mr. B. Ramesh, an Assistant Professor, participated in the CEED Monthly Teaching and Learning Conclave on 28th November 2024.



- KGR CET organized SAHYOG 2.0, a Social Innovation and Entrepreneurship summit, on 15-11-2024 and 16-11-2024. The following Mechanical students volunteered for the event.

Sl.No	SI.No	Roll Number	Name of the student
1	IV-I	22QM5A0303	A.Rakesh Goud
2	III/I	23QM5A0302	B.Bharath
3	III/I	22QM1A0308	B.Mahesh
4	III/I	23QM5A0309	K.Manideep
5	III/I	22QM5I0305	G.Nandu
6	III/I	22QM1A0307	T.Akash
7	III/I	23QM5A0302	B.Bharath



- On 8th November 2024, the final, third, and second-year students visited the NIAT Campus at Nanakramguda (Financial district). The Department of Mechanical Engineering & Placement Cell KGR CET provided Career guidance in Software at the NIAT campus. Dr. D. Baloji was the faculty coordinator for this visit.



- Mohammed Tanveer Nawaz, a student of Third Mechanical Engineering, participated in "PALS THINK to CREATE ENGINEER" -a residential student workshop at IIT MADRAS on November 28, 29, and 30, 2024. Dr. K. Udaya Sri was the faculty coordinator from KGR CET.

- A Guest Lecture on "Mechanics of solids with industrial applications " on 30-11-2024 .Dr.Koti Suryam,a senior Noise & Vibration Testing Engineer at Mahindra and Mahindra -R&D Research Centre was the speaker for the guest lecture and the faculty coordinator the program was Mr. P. Kondala Rao, Asst.Professor. ME.



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RELIANCE



DEPARTMENT OF
MECHANICAL ENGINEER

Guest lecturer on

Mechanics of solids with industrial applications

Date:30-11-2024
Time:10:00AM-1:00PM
Venue:F-203

Coordinator
Mr P Kondala Rao
Assistant Professor
Department of Mechanical engineering



Dr.Koti suryam
Mahindra & Mahindra - R&D center Chennai,
Worked as senior noise & vibration testing engineer







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VOLUME 09 • OCTOBER- 2024



**ENGINEERING
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DEPARTMENT OF MECHANICAL ENGINEERING (ME):

1. The Department of Mechanical Engineering and Automated Tooling Systems(ATS) in Hyderabad has signed a Memorandum of Understanding (MoU) to promote collaboration in several critical domains. This partnership is designed to enhance student outcomes through improved skill development and knowledge acquisition in the following areas: Curriculum Development, Industrial Training, Internship Opportunities, Student Placement, Research and Development, Industrial Visits, and Guest Lectures.

This initiative lays the foundation for a promising future for our student community.



Mrs. K. Kalpana-HOD-Mechanical Engg. exchanging the MoU with the officials of ATS Pvt. Ltd.

2. Department of Mechanical Engineering is pleased to inform that four final-year students have secured placements through the recent on-campus recruitment drive conducted by the Training and Placement cell. They have been offered positions at Srinsoft Technologies Pvt. Ltd. with a starting package of 3LPA, effective July 2025.

The list of students follows:

Sl.No	Roll Number	Name of the student
1	21QM1A0304	G. Junaid Ansari
2	21QM1A0310	M.Sridhar
3	22QM5A0301	A.Venkataramana
4	22QM5A0309	E.Dharmateja

3. PAL's InnoWAH Challenge 2024 was held at KGR CET and the following students participated:

Sl.No	Sl.No	Roll Number	Name of the student
1	III/I	23QM5A0303	Boyinapally Saiteja
2	III/I	23QM5A0304	Busa Rachana
3	III/I	23QM5A0307	G Anvesh
4	III/I	23QM5A0314	R.Dinesh Kumar
5	III/I	23QM5A0308	Gangarajula Datta Sai Kumar
6	III/I	23QM5A0301	Addanki Bhargav Srinivas
7	III/I	23QM5A0305	Dasari Raju
8	III/I	22QM1A0303	K.Shivamanikanta
9	III/I	23QM5A0313	N. Prudvi Raj
10	III/I	23QM5A0311	Mohammad Tanveer Nawaz

4. We are delighted that ARYUVA, a KGR CET startup, participated in the Coop Pitch 2024 competition from 15 to 18 October at IIM Kerala during the 18th ICA ASIA-PACIFIC RESEARCH CONFERENCE -2024. Dr. K. Udayasri is the faculty mentor for this project. Mr. A. Rakesh Goud and K. Yugandhar, fourth-year students, represented the startup at the conference on behalf of the Mechanical department.



5. Mr. S. Sathish, Assistant Professor- ME, has completed the NPTEL online certification course "Selection of Nanomaterials for Energy Harvesting and Storage Application," which was conducted by NPTEL-SWAYAM.

6. Dr. K. Udaya Sri, Associate Professor-ME, has completed a Faculty Development Program on "Engineering Tomorrow's Cars: Mastering Automotive Architecture with Embedded Systems" organized by the ECE & EEE departments of JBREC Moinabad.

7. Mr. S. Sathish, Assistant Professor-ME, has completed the Faculty Development Program on "Selection of Nanomaterials for Energy Harvesting and Storage Application", which was conducted by NPTEL-AICTE.

8. Ms. Bussa Rachana, a third-year student, has completed the online certification course on "Python Zero to Hero and Generative AI," which was conducted on 17 September and organized by GUVI GEEK Networks.

9. A Technical Article by Rakesh Goud Appala:



Journey of Exploring with 3D Printing Technology: A Personal Story

I am Rakesh Goud Appala, a Mechanical Engineering student at KG Reddy College of Engineering and Technology (KGR CET). My journey with 3D printing began in the second year of BTech when I faced challenges in prototyping the project components. Although I had the designs ready, I needed help to bring them to life to test the mechanisms. It was frustrating not being able to see my ideas materialize.

Then, I discovered 3D printing technology, which completely changed my approach. The ability to rapidly prototype using PLA material, known for its low cost and efficiency, was a game-changer for me. Finally, I could transform my designs into physical models, allowing me to precisely test and iterate on my projects.

Fast forward to the present, and I am now using three different 3D printers with two distinct technologies. Each machine serves a specific purpose, from intricate detailing to rapid prototyping with various materials. My knowledge and experience with 3D printing have grown significantly, enabling me to experiment and push boundaries in design.

I am also incredibly proud to serve as the President of the 3D Printing Club for 2023-24 at KGR CET. Under my leadership, the club has thrived, and we were honored to receive the Best Emerging Club award at the institute level this year. This recognition has fueled my passion for innovation, and I am thrilled to be part of a community shaping the future of engineering and design.

Being at KGR CET has been an empowering experience. I look forward to continuing my journey, pushing the boundaries of 3D printing technology while inspiring others to explore its endless possibilities.



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The following students participated:

Sl.No	SI.No	Roll Number	Name of the student
1	III/I	23QM5A0303	Boyinapally Saiteja
2	III/I	23QM5A0304	Busa Rachana
3	III/I	23QM5A0307	G Anvesh
4	III/I	23QM5A0314	R.Dinesh Kumar
5	III/I	23QM5A0308	Gangarajula Datta Sai Kumar
6	III/I	23QM5A0312	Mohammed Ghouse Pasha
7	II/I	24QM5A0305	Moodu Shiva Shanth
8	IV/I	21QM1A0301	A.Hema
9	IV/I	22QM5A0304	Akhil Kumar
10	IV/I	22QM5A0307	C Abhinay
11	IV/I	22QM5A0309	Earapogu Dharma Teja
12	IV/I	22QM5A0315	Kashapogu David
13	IV/I	22QM5A0326	Peraboina Madhavi
14	IV/I	22QM5A0338	Kurapati Vasu
15	IV/I	22QM5A0341	Pamugari Manisha
16	IV/I	22QM5A0323	Palaparathi Nishanth Babu

6. We are delighted to share that ARYUVA, a KGR CET startup, has been selected as one of the top 50 finalists for the Coop Pitch 2024 competition, which will take place at IIM Kerala.



ARYUVA KGR CET <aryuva@kgr.ac.in>

You're accepted! Welcome to the Coop Pitch 2024 Competition! (Team : CP2024027 | Aryuva)

Coop Pitch 2024 <coop_pitch@idl.coop>
To: 'aryuva@kgr.ac.in' <aryuva@kgr.ac.in>

Thu, Sep 12, 2024 at 12:02 AM

Unique Team ID : CP2024027
Team Name : Aryuva

Dear Mr. Deepak R,

We are delighted to inform you that your team has been selected as one of the top 50 finalists for the **Coop Pitch 2024 Competition!** The event hosted by ULCCS and the ICA Domus Trust will take place at the Indian Institute of Management, Kozhikode (IIM-K), Kerala, from October 16 to 18, 2024.

Your proposal demonstrated creativity and potential in advancing cooperative entrepreneurship and we are excited to provide your team with a platform to showcase your ideas and connect with like-minded innovators.

Now that you have been selected, we would like to request you to complete the following immediate steps in your Coop Pitch journey :

1. Submission of **Cooperative Business model Canvas (CBC)**
2. Submission of **Cooperative Business Plan abstract**
3. Submission of **Team Details** via **Google Form**

Confirmation email from the organizing team.

7. Mr. S. Sathish, an Assistant Professor from the department, participated in the CEED Monthly Teaching and Learning Conclave on September 26, 2024.

8. IEEE-RAS, in association with the Department of Mechanical Engineering, organized a workshop on the fundamentals of IoT on 10th Sept. 2024. M. Hitesh, an expert in embedded systems, was the resource person for this workshop, and Dr. K. Udaya Sri was the faculty coordinator.



Workshop on Fundamentals Of IOT

Coordinators:
Dr. Udaya Sri Kakarla
Mr. Anil Kumar

Date : 10th September 2024

Time : 09:45am to 4:00pm

Venue : Seminar Hall



Organized by: IEEE - RAS
In Association With Department of Mechanical Engineering

Sl.No	SI.No	Roll Number	Name of the student
1	III/I	23QM5A0301	Addanki Bhargav Srinivas
2	III/I	23QM5A0303	Boyinapally Saiteja
3	III/I	23QM5A0304	Busa Rachana
4	III/I	23QM5A0305	Dasari Raju
5	III/I	23QM5A0306	Erukala Srikanth
6	III/I	23QM5A0307	G Anvesh
7	III/I	23QM5A0308	Gangarajula Datta Sai Kumar
8	III/I	23QM5A0309	Kanulla Manideep
9	III/I	23QM5A0310	Malela Ravi Kumar
10	III/I	23QM5A0311	Mohammad Tanveer Nawaz
11	III/I	23QM5A0312	Mohammed Ghouse Pasha
12	IV/I	21QM1A0305	G.Abhinav
13	IV/I	21QM1A0310	M.Sridhar

9. The college collaborated with KGR CET and successfully conducted the GLOBAL STUDY ABROAD EXPO for the IV-year students on 4th Sept. 2024.



10. IEEE-RAS, in association with the department, organized a workshop on Lean startup and minimum viable product/business on 23rd September 2024. Ch. Dinesh, CEO and Co-founder of TINY TREATS, was the resource person for this Workshop, and Dr. K. Udaya Sri was the faculty coordinator.



Awareness Session on Consultancy Works

Coordinator : **Dr. BP Narasaiah**

Date : **5th August 2024**

Time : **01:00 pm**

Venue : **Digital Library**

Organised by : **Centre for Research Innovations & Development**



The following students participated:

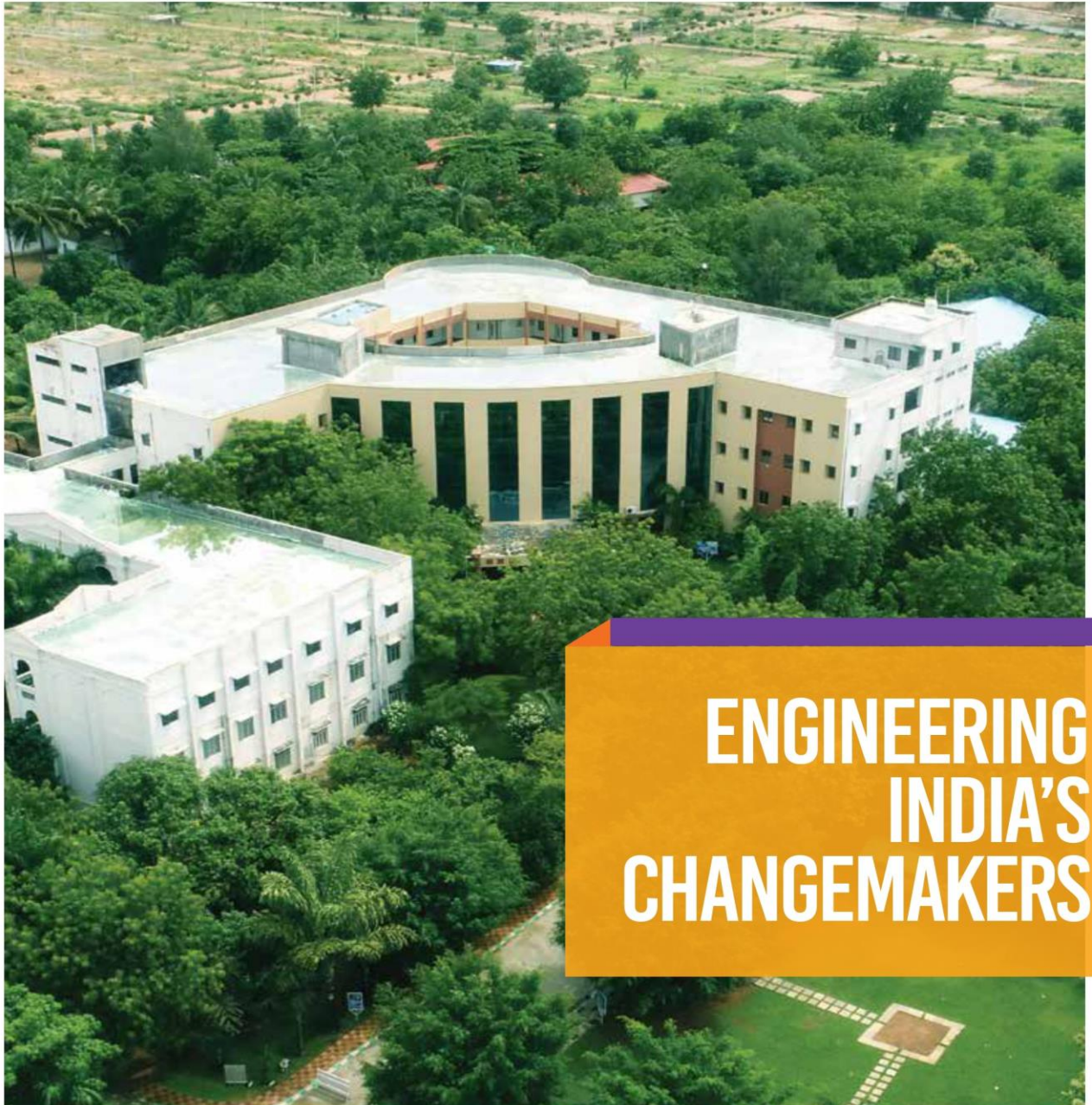
Sl.No	Sl.No	Roll Number	Name of the student
1	III/I	21QM1A0309	L Abhilash Reddy
2	III/I	21QM1A0311	S Dhanraj
3	III/I	22QM1A0301	Chalumala Vamshi
4	III/I	22QM1A0302	Gonela Nandu
5	III/I	22QM1A0303	Kantha Shivamani Kanta
6	III/I	22QM1A0305	Peesari Sainath Reddy
7	III/I	22QM1A0307	Thonta Akash
8	III/I	22QM1A0308	Barkam Mahesh
9	III/I	23QM5A0301	Addanki Bhargav Srinivas
10	III/I	23QM5A0302	Bhukya Bharath Naik
11	III/I	23QM5A0303	Boyinapally Saiteja
12	III/I	23QM5A0304	Busa Rachana
13	III/I	23QM5A0305	Dasari Raju
14	III/I	23QM5A0306	Erukala Srikanth
15	III/I	23QM5A0307	G Anvesh
16	III/I	23QM5A0308	Gangarajula Datta Sai Kumar
17	III/I	23QM5A0309	Kanulla Manideep
18	III/I	23QM5A0310	Malela Ravi Kumar
19	III/I	23QM5A0311	Mohammad Tanveer Nawaz
20	III/I	23QM5A0312	Mohammed Ghouse Pasha
21	II/I	23QM1A0301	Bochu Jagadeesh
22	II/I	23QM1A0302	K Yellappa
23	II/I	23QM1A0303	Kaliseti Sai Varun
24	II/I	23QM1A0304	Kappakere Manoj Kumar
25	II/I	23QM1A0305	Merugu Pradish
26	II/I	23QM1A0307	Mundrathi Vamshi
27	II/I	23QM1A0308	Sirapu Umesh Reddy
28	II/I	23QM1A0309	Thota Hemanth Kumar
29	II/I	24QM5A0303	Golla Shekar
30	II/I	24QM5A0304	Mohammad Farhan
31	II/I	24QM5A0305	Moodu Shiva Shanth
32	II/I	24QM5A0306	Nayakwadi Santosh Kumar
33	II/I	24QM5A0307	Sunkari Sathish
34	II/I	24QM5A0308	Tummapudi Siddartha



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**ENGINEERING
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DEPARTMENT OF MECHANICAL ENGINEERING (ME):

1. Emission Controlled Menstrual Incinerator was showcased by Sackhe Technologies Pvt. Ltd.

On 15 August 2024, the Sackhe Technologies Pvt Ltd Team showcased the Emission-Controlled Menstrual Incinerator at the Rangareddy District Collector office as part of the Intintita Innovator Program 2024 organized by the Telangana State Innovation Cell (TSIC). A. Rakesh is one of the members from the final year.



Sackhe Technologies Pvt Ltd Team at Intintita Innovator Program 2024

2. Mr. K Anil Kumar, Assistant Professor & 3D - Printing club coordinator, and the club members organized the Club-membership program on 22nd August 2024. Mrs. K. Kalpana, HOD, and faculty members joined the membership drive.



A group picture of students and faculty at 3D-Printing Club-membership drive.

3. A 5-Day Workshop on Fusion 360 & Essentials of 3D Printing:

The Mechanical Department and 3D - Printing Club, in association with DSA, organized a five-day workshop on Fusion 360 and Essentials of 3D Printing. Mrs. K. Kalpana, HOD, appreciated the efforts of the 3D-Printing Club coordinator and his team. The workshop was held from 27th to 31st August 2024.



Dr Sai Satyanarayana Reddy, Principal briefing at the Inaugural session of 5-Day workshop.

4. A visit to the Automated Tooling Systems India Pvt. Ltd.:

IV-I and II-I students visited AUTOMATED TOOLING SYSTEMS INDIA PVT LTD. on 31st August 2024 as part of an industrial visit. Dr. D. Baloji and Mr. P. Kondal Rao are the faculty coordinators for the industrial visit.



The group photos at the Automated Tooling Systems India Pvt Ltd.

5. Dr.bK.bUdaya Sri, Associate Professor contributed as the faculty mentor for IUCEE mini course – Design thinking and Community based design.

The list of 2024 passed out batch from the department:

Sl.No	Roll Number	Name of the student
1	210M5A0307	Mamidi Nikitha
2	210M5A0309	Medari Rajashekar
3	210M5A0310	Medhari Shiva Prasad
4	210M5A0314	Sogala Raghavendra
5	200M1A0302	Ghanate Vijay Kumar
6	200M1A0303	Kalsetty Sai Kumar
7	200M1A0304	Kavali Tharun
8	200M1A0306	Pusthakala Harika
9	210M5A0302	Dudekula Gaffar Ahmed
10	210M5A0304	Kodipaka Vamshi Krishna

Sl.No	Roll Number	Name of the student
11	210M5A0306	Lakshmpuram Phani Kumar
12	210M5A0308	Md Nawaz
13	210M5A0311	Mohammed Khadeer

6. Mr. G. Dheeraj Kumar, Assistant Professor participated in the CEED Monthly Teaching and Learning Conclave on 29th August 2024.



Mr. G. Dheeraj Kumar giving a presentation in the CEED Monthly Conclave.

7. The following students from III B.Tech completed the IUCEE Mini Course on Entrepreneurial Thinking and Design thinking and Community based design.

Sl.No	Name of the student	Name of the Mini course
1	A. Rakesh	Entrepreneurial Thinking
2	S. Gopinath	Entrepreneurial Thinking
3	R. Naresh	Entrepreneurial Thinking
4	G. Dinesh	Entrepreneurial Thinking
5	P. Akhil	Entrepreneurial Thinking
6	Md. Tanveer	Design Thinking And Community Based Design
7	K. Manideep	Design Thinking And Community Based Design
8	D. Raju	Design Thinking And Community Based Design
9	B. Saiteja	Design Thinking And Community Based Design
10	G. Anvesh	Design Thinking And Community Based Design



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NEWSLETTER

VOLUME 09 • JULY - 2024



**ENGINEERING
INDIA'S
CHANGEMAKERS**

DEPARTMENT OF MECHANICAL ENGINEERING (ME):

1. Mr. B. Ramesh, Assistant Professor. conducted an OBE session on "Course Outcomes" on Refrigeration and Air Conditioning for the final year students on 6th July 2024.

2. Dr. K. Udaya Sri, Associate Professor & Dean DSA along with final year students K.Yugendhar and A.Venkataramana has attended the INNOVATION DAY 2024 at IIT Hyderabad on 15th July 2024.



A group picture at IIT Hyderabad.

3. Dr. K. Udaya Sri, was one of the coordinators for the ENTREPRENEURIAL session on IP, Angel Investment /VC Funding Opportunity for Early Stage Entrepreneurs" on 20th July 2024.

ENTREPRENEURIAL Session
on
IP, Angel Investment / VC Funding Opportunity for Early Stage Entrepreneurs

MR. SATYA VURA
Faculty Co-ordinator

MR. SAIKRISHNA
Faculty Co-ordinator

MR. RAJ MEESA
Faculty Co-ordinator

Faculty Co-ordinators:
Mr. Satya Illa - CEO, KASE | Dr. Udayasri Kakarla - Dean, DSA

Date : 20th July 2024 | Time : 11:00am - 1:00pm | Venue: Seminar Hall

A Creative for the ENTREPRENEURIAL session

4. Dr. L. Jayahari, Professor - ME & Dean R&D, Dr. K. Udaya Sri, and Mr. S. Sathish, Assistant Professor, attended a workshop on "Project Based Learning" on 20th July 2024 organized by CEED.

5. Final Year students K.Yugendhar, A. Rakesh, A.Venkataramana along with Project Mentor Dr. K. Udaya Sri, attended an Interaction Session with Kakatiya Sandbox team on 23rd July 2024. Team interacted with Start up teams from KASE, they interacted with the teams and showed empathy towards their problems statement followed by Idea generation, Design, Proto-typing and participation in Hackathons and coming up with start up under the guidance of KASE.



Interaction session with Kakatiya SandBox team

6. The Final year students K.Yugendhar, A. Rakesh and A.Venkataramana are the members of ARYUVA PVT. Ltd a student startup company of KGR CET have got a fund of Rs. 3 Lakhs from AGRI- HUB Hyderabad.



An appreciation creative for ARYUVA PVT .Ltd, a student startup

7. Final year students have attended a special session on Non-Destructive Testing on 27th July at Anurag University, Hyderabad in association with PALS Mr. K.Praveen Kumar, Assistant Professor and Dr.K.Udaya Sri, faculty coordinators have also attended the event.

S.No	Name of the student
1	Armany Hema
2	Gottipati Abhinav
3	Majiga Sridhar
4	Appala Rakesh Goud
5	Are Akhil Kumar
6	Avusula Abhiram
7	Chilkam Chandrashekar
8	Earapogu Dharma Teja
9	Gaini Dinesh
10	Janapati Pradeep
11	Kanduri Ashwitha
12	Kasula Yugendhar
13	Mishini Venu
14	Mula Uday Kumar

15	Padakanti Sai Ram
16	Peraboina Madhavi
17	Purella Vaibhav
18	Rasuri Naresh
19	Samineni Gopinath
20	Thodeti Suraj
21	Vambravalli Mahesh
22	Yedla Tharun
23	Yennaboina Naveen
24	Kurapati Vasu
25	Palaparathi Nishanth Babu
26	Pamugari Manisha



A group photo at the Anurag University, Hyderabad

8. Dr. K. Udaya Sri, participated in a workshop titled "Success for Engineers and early stage Entrepreneurs" on 29th June 2024 conducted by JNTU Hyderabad.



Certificate of Participation

9. Dr. K. Udaya Sri has completed the Foundation Level in Innovation Ambassador (IA) training course conducted by Innovation cell, MoE .

10. Mr. K. Anil, Assistant Professor from the department has participated in CEED Monthly Teaching and Learning Conclave on 30th July 2024.



Mr. K. Anil giving a presentation in CEED Monthly Conclave

11. Mr. Ramesh, Assistant Professor from the department, delivered a session on "Mentoring Process in the Technology Enhanced Learning" workshop organized by CEED on 27th July 2024.



Group photo of the resource persons and participants in the "Technology Enhanced Learning" Workshop.

12. A session on "Effective Mentoring Process" was held on 31st July 2024. The Resource person and Coordinator for this session were Dr. M.N. Narsaiah, Professor & Dean Academics and Mr. B. Ramesh, Assistant Professor.



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15
YEARS OF
BILLINEY

DEPARTMENT OF
MECHANICAL ENGINEERING

Session on

Effective Mentoring Process

Date: 31-07-2024
Time: 2:30PM-3:30PM
Venue: Department Board Room

Coordinator
Mr. Bhoonagri Ramesh
Assistant Professor
Department of Mechanical engineering

Dr. M.N. Narsaiah
Prof. & Dean Academics
CEED

Dr. M. N. Narsaiah, Prof. & Dean Academics interacting with mentors during the Mentoring Session .

13. Dr. L. Jayahari, Professor ME & Dean R & D, Dr. D. Balaji, Dr. K. Udaya Sri and Mr. S. Sathish, Assistant Professor have attended a seminar on "Grant Writing and Funding Opportunities" on 7th July 2024 organized by CRID. Dr. Swadesh Kumar Singh, Professor & Dean R & D at GRIET, Hyderabad, the resource person for the seminar and delivered his valuable insights regarding Funding Opportunities .



Seminar on

Grant Writing and Funding Opportunities

Coordinator : Dr. K. Malithi

Date : 7th July 2024

Time : 11:00 AM

Venue : Digital Library

Organised by : Centre of Research Innovation and Development

Dr. Swadesh Kumar Singh
Professor & Dean R&D at
GRIET, Hyderabad