

DEPARTMENT OF MECHANICAL ENGINEERING

NEWSLETTER



MECH CONNECT....

(A quarterly news bulletin)

Published by Department of Mechanical Engineering

OCTOBER'2021 TO DECEMBER'2021

S.M. SHAFEE M.E., (Ph.D.), MISTE, MSAE.

ASSOCIATE PROFESSOR

DEPARTMENT OF MECHANICAL ENGINEERING

Email: shafee.sm@gmail.com

shafeesm@svc.ac.in

Mobile: 9498004142

SUPPORTING STAFF:

1. M. Mercy Lydia, Assistant Professor

STUDENT MEMBERS:

1. A. HARSHITH, IV YEAR, MECH 2. T. NANDA, IV YEAR, MECH

ABOUT US

Mechanical Engineering Department was established in the year 2011 with intake of 60 students. The department is also offering a three years diploma programme with the intake of 60.

The courses develop the knowledge and skills in the areas of Automobile engineering, Power plant engineering, Industrial engineering, Production engineering, Design engineering, Management subjects etc. as per the syllabus prescribed by JNTUA, Anantapuramu, A.P.

The department has sophisticated and well established laboratories as per the syllabus of JNTUA. The laboratories gives complete practical exposure for the student to support their theory classes.

The department of Mechanical Engineering has following laboratories

- ❖ THERMAL ENGINEERING LAB
- ❖ HEAT TRANSFER LAB
- ❖ MACHINE TOOLS LAB
- ❖ METROLOGY & MEASUREMENTS LAB
- ❖ MECHANICS OF SOLIDS LAB
- ❖ MANUFACTURING TECHNOLOGY LAB
- ❖ MATERIAL SCIENCE LAB
- ❖ CAD/CAM LAB
- ❖ ENGINEERING WORKSHOP

- The students of the department are encouraged continuously to participate in seminars, Guest lectures, webinars etc., by Academicians and Industrial experts.
- The students of the department will be exposed to latest technologies in the field of Mechanical Engineering by conducting value added programmes, certificate programmes.
- The students are encouraged to go for industrial visits and internships to get more practical knowledge and latest happenings in the industry.
- The students are encouraged to participate in more extracurricular and cocurricular activities.
- The students are cultivated to work in teams as part of their mini project and major projects.
- The students are also encouraged to participate in various social service activities to increase their social responsibility.
- The students are also encouraged to express his ideas through EISC (Entrepreneurship, Innovation and Startup cell).

In the department of Mechanical Engineering, **we don't limit our challenges.....we challenge our limits.**

VISION & MISSION OF THE DEPARTMENT



To originate a prominent Centre for empowering the students with professional skills for innovative research & Entrepreneurship in Mechanical Engineering enriched with morals and societal Responsibilities.



- *Preparing Dynamic Mechanical Engineering graduates suitable for emerging Industrial requirements under Passionate Academicians through Outstanding Education.*
- *Employ modern methods, pedagogy and state of art facilities for continuous improvement in Innovative Research and Entrepreneurship skills.*
- *Instill the essence of Morals and Societal responsibility in students.*

OCTOBER'2021

FDP:

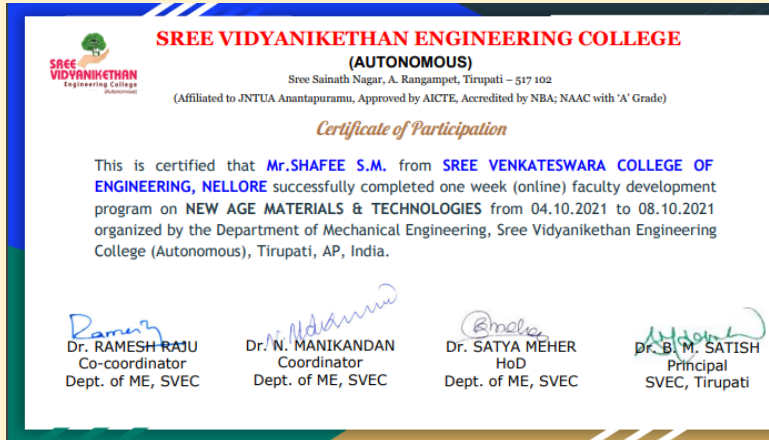
1. Mr. S.M.Shafee, Associate Professor, Department of Mechanical Engineering attended two days FDP on “**Personnel Management & Organizational Behavior in Industry**”, conducted by Sri Ranganathar, Institute of Polytechnic College, Coimbatore.



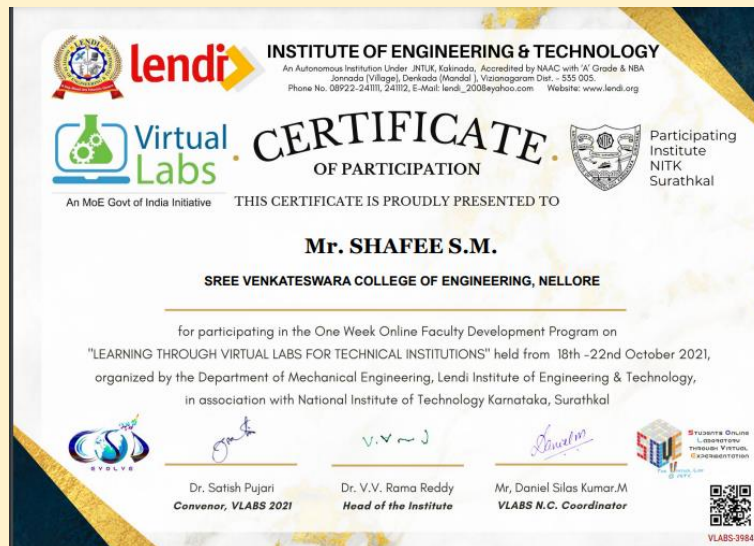
2. Mr. S.M.Shafee, Associate Professor, Department of Mechanical Engineering attended one day FDP on “**IPR-PATENTING PROCEDURES – AN OVERVIEW**”, conducted by Sree Vidyanikethan Engineering College, Tirupati.



- Mr. S.M.Shafee, Associate Professor, Mr. A. Bhargav, Associate Professor, Mrs. M. Mercy Lydia, Assistant Professor, Mr. V. Varun Kumar, Assistant Professor, Department of Mechanical Engineering attended five days FDP on “**New age materials & Technologies**”, conducted by Sree Vidyanikethan Engineering College, Tirupati from 04.10.21 TO 08.10.21.



- Mr. S.M.Shafee, Associate Professor, Department of Mechanical Engineering attended five days FDP on “**Learning Through Virtual Labs for Technical Institutions**”, conducted by Lendi Institute of Engineering & Technology in association with NITK, Surathkal from 18.10.21 to 22.10.21.



Webinar/seminar/Lecture

- Mr. S.M.Shafee, Associate Professor & EISC coordinator of SVCN participated in an **Interaction session conducted by Quality Assurance Cell, APSCHE** on 6.10.21. Prof. K. Hemachandra Reddy, Chairman, APSCHE, is the Chief Guest of the session.

- Mr. S.M.Shafee, Associate Professor, Department of Mechanical Engineering participated in impact lecture session on “**Funding support for early stage of Entrepreneurship**”, conducted by Pragathi Engineering College, Surapalem, East Godavari Dist.



R&D CELL – SVCN

- Mr. S.M.Shafee, Associate Professor, Department of Mechanical Engineering, has been nominated as Associate Member in SVCN- R&D committee.

Students Participation:

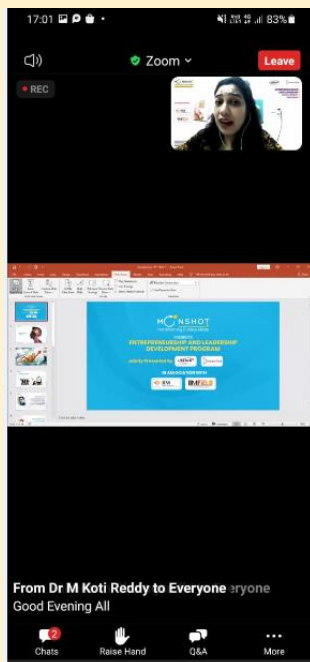
- Students of III year Mechanical Engineering actively participated in 6 days workshop on “**soft skills**” conducted by Training and Placement Cell & **APITA** from 25.10.21 to 30.10.21.



- Six students of Final Year of Department of Mechanical Engineering has been nominated from EISC –SVCN cell among the 20 students sent to APSCH, Quality Assurance Cell as requested by Sri. K. Rama Mohana Rao, Vice Chairman, APSCH & Director, QAC.
- Final year students attended a guest lecture on “**Awareness program on Consumer Protection Act, 2019**”. The resource person for the Lecture is Mr. Habeeb Sultan Ali, Chief Patron and Founder of AASRAA.



- Final year students Mr. T.Nanda, Mr. Shaik Musab, Mr. Shaik Abdul Azeez actively participated in ELDP boot camp, in association with IIM, Vizag.

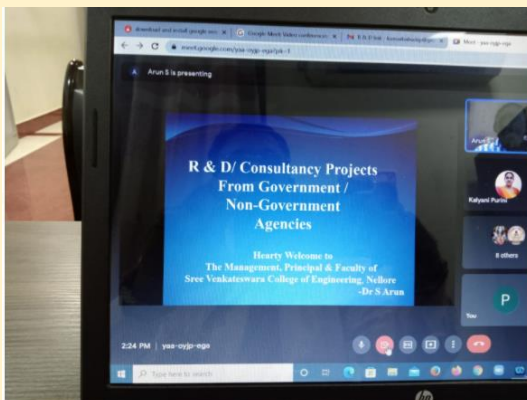
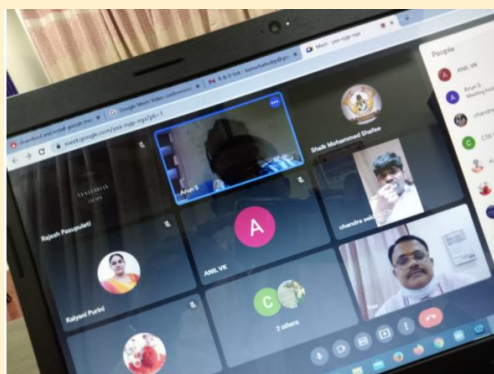


November, 2021

RESEARCH& DEVELOPMENT (R&D)

ACTIVITIES

1. A session on awareness on project proposals, funding was organized by R&D cell - SVCN. Shafee S.M., Associate Professor & Associate Member fo R& D cell participated in the session.



STUDENT PARTICIPATION

1. Students of III year and IV year Mechanical engineering attended the virtual session on career guidance which was conducted by **Unacademy** on 29.11.21.



2. Students selected for ELDP program of APSCHE & IIM Vizag got 90% scholarship to attend the ELDP certification program.

MCNSHOT
Transforming Curious Minds

✓ *Submission Successful!*

Thanks for taking the assessment. We have successfully received your submission. You will be contacted by Moonshot Jr team if you are selected.

Share a one minute pitch video with us. Tell us about yourself, why you are interested in the ELDP program and what you would like to learn.

Instructions for sharing pitch video:

- Keep it short and concise.
- Upload the video on Google drive or Microsoft drive and share the video link with operations.msj@moonshotjr.com.

operations.msj@mo... 11:40

DEC 4 IIMV ELDP Kickoff - Exciting bonu...
Yes Maybe No

Tomorrow 19:00-20:00

https://us02web.zoom.us/j/88636422676

operations.msj@moonshotjr.com (organiser)

19:00 IIMV ELDP Kickoff - Exciting b...

You have been invited to the following event.

IIMV ELDP Kickoff - Exciting bonus for those joining the session

When: Sat Dec 4, 2021 7pm - 8pm India Standard Time - Kolkata

Where: https://us02web.zoom.us/j/88636422676 (map)

Calendar: nandakrishna719@gmail.com

Who: (Guest list is too large to display)

Please click this URL to join. more details »

ENTREPRENEURSHIP AND LEADERSHIP DEVELOPMENT PROGRAM (ELDP)

MCNSHOT

Congratulations!

Dear ELDP,

Please accept our sincere scholarship award. There was a certain ability, we spotted in the assessment and confirmed it has earned.

Thank you for your participation in the IIM Vizag - Moonshot Jr Entrepreneurship and Leadership Development Program (ELDP) and accepting the assessment.

Based on multiple criteria like assessment, demographic, experience and other factors, you are fortunate to have been awarded a 90% scholarship.

Please register and pay the due amount by Sunday, 13th Nov, 2021 to avail the scholarship.

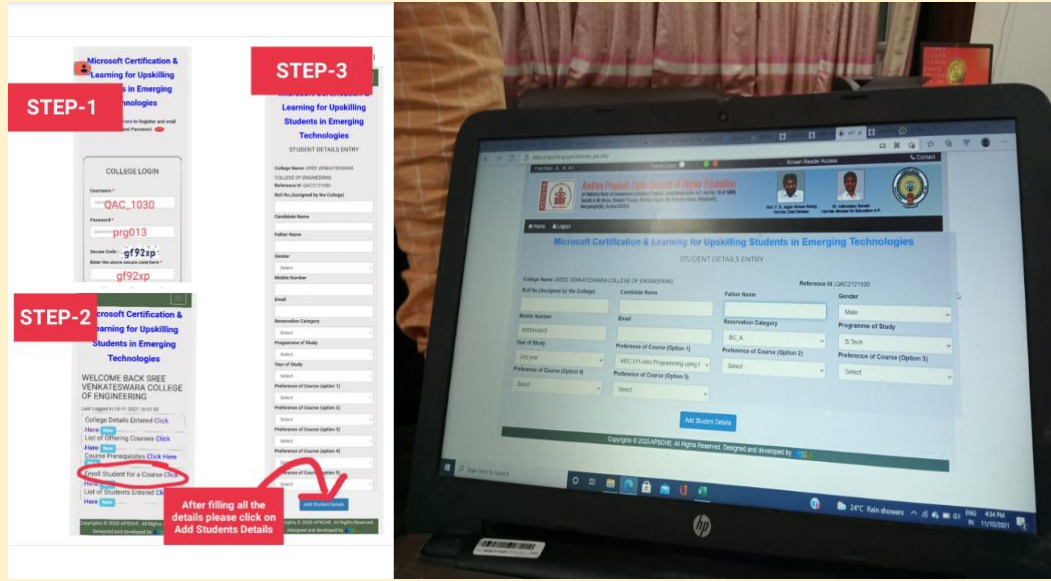
Total Program Fee	₹ 1,00,000
Scholarship Awarded	₹ 90,000
TOTAL AMOUNT DUE	₹ 10,000

Click here to pay the program fee. Login with your registered email. You can pay by credit, debit card or Bank pass. (UPI) Scholarship. For any queries contact operations@moonshotjr.com.

Thanks,
Moonshot Jr Team

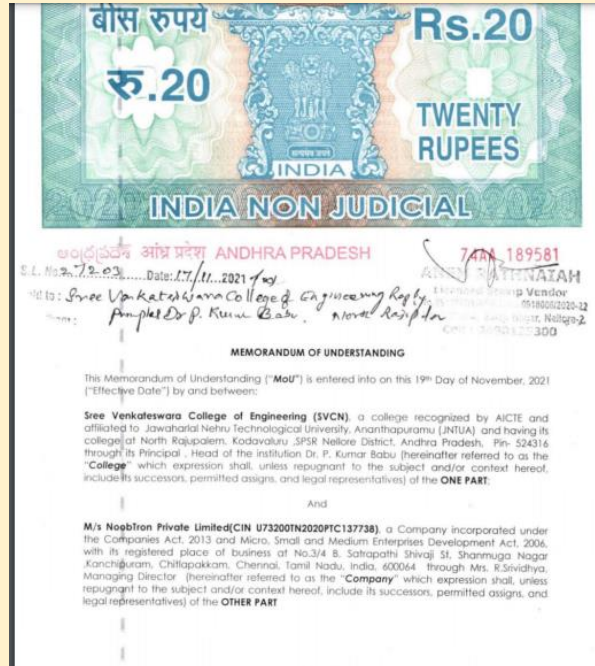
Scholarship Justice in the Future. Growing Global Citizens to Moon Shot Jr.

- Students of III year and IV year registered for Microsoft courses, which was the initiative by APSCHE and Govt. of A.P.



MOU

MoU has been signed on 27.11.21 from Department of Mechanical Engineering - SVCN with Noobtron Pvt Limited, a R&D company. Noobtron will conduct Quiz, Seminar/webinar and also support students in the area of paper publication in Journals & conferences, internships etc. The process was coordinated by Shafee S.M., Associate Professor, and Department of Mechanical Engineering.



STAFF PARTICIPATION

1. Dr. P. Kumar Babu, Principal & Professor , Dept of Mechanical Engineering & Shafee S.M. attended the session by Vice Chancellor , JNTUA on Microsoft Upskilling programme on 10.11.21



2. Shafee S.M., Associate Professor, Department of Mechanical Engineering registered for Microsoft courses which was the initiative by APSCHE & Govt. of A.P.

A screenshot of a mobile web browser displaying the APSCHE website. The URL is "apsche.ap.gov.in/enfac". The page title is "Microsoft Certification & Learning for Upskilling Students in Emerging Technologies". Below the title, it says "FACULTY DETAILS ENTRY". The form contains the following fields:

- College Name :SREE VENKATESWARA
- COLLEGE OF ENGINEERING
- Reference Id :QAC2121030
- Faculty Name
- Father Name
- Gender
- Select

DECEMBER, 2021

WORKSHOPS/SEMINAR/WEBINAR/GUEST LECTURES CONDUCTED

1. 22.12.2021

WORKSHOP ON ENTREPRENEURSHIP DEVELOPMENT



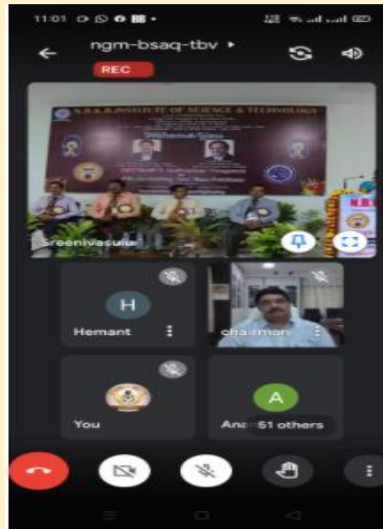
- A workshop was conducted on Entrepreneurship Development in association with EISC cell of SVCN. Dr. D. Venkata Harshavardhan, resource person has given the importance of Entrepreneurship. Around 100 Students from III year, IV year of Mechanical Engineering and members of EISC and ELDP attended the event.

STAFF PARTICIPATION IN WORKSHOP/WEBINAR/FDP/SEMINAR

2. Shafee S.M., Associate Professor, Department of Mechanical Engineering attended one day national workshop entitled “**Bloom’s Taxonomy – A tool for OBE**” , conducted by D.K.W college, Nellore, A.P. on 16.12.21.
3. The following staff attended the AICTE-ISTE refresher course on “**FEA for real time problems**” conducted by NBKRIST, Nellore from 27.12.21 to 1.1.2022.

1. Mrs. M. Mercy Lydia, Assistant Professor,
2. Mr. V. Varun Kumar, Assistant Professor
3. Mr. Zakir Hussain, Assistant Professor
4. Mr. SS Ravi Sankar, Associate Professor

5. Mr. S.M. Shafee, Associate Professor.

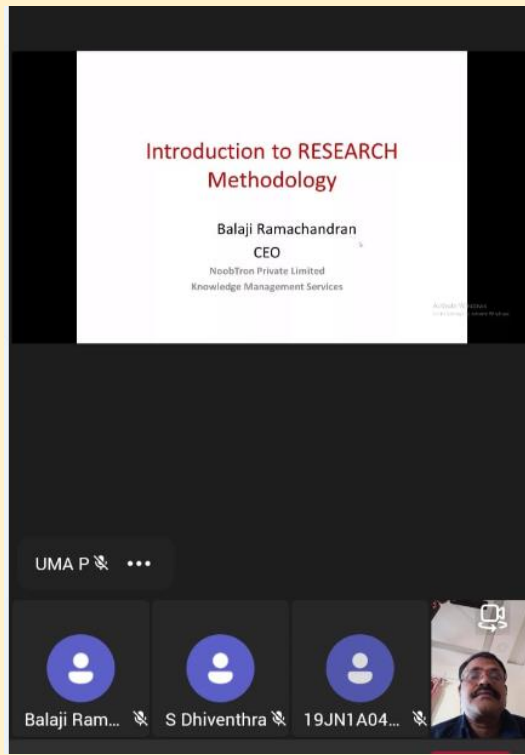


STUDENT PARTICIPATION

1. Students selected for ELDP program of APSCHE & IIM Vizag got 90% scholarship to attend the ELDP certification program. Those opted for ELDP program the schedule of events start from Jan 2022.

A collage of three images related to the ELDP program. The left image is a confirmation email from Moonshot Jr with the subject 'Submission Successful!' and instructions for sharing a pitch video. The middle image is a Zoom invitation for 'IIMV ELDP Kickoff - Exciting bonu...' scheduled for Saturday, December 4, 2021, at 7pm-8pm India Standard Time. The right image is a 'Congratulations!' email from Moonshot Jr announcing a 90% scholarship for the ELDP program. A small table in the email shows: Total Program Fee ₹ 1,000,000, Scholarship Awarded 90%, and TOTAL AMOUNT DUE ₹ 1,000,000.

2. One day workshop was conducted by Noobtron for students of III year and IV year Mechanical Engineering on "Research & Development" on 5.12.21. The CEO of Noobtron, Mr. Balaji Ramachandran given insights of the internship, training programmes of Research by Noobtron.



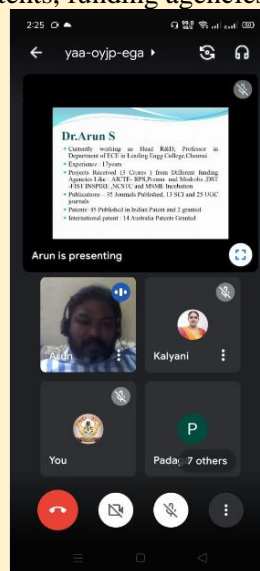
R&D(RESEARCH & DEVELOPMENT)

PUBLICATIONS

1. Dr P Kumar Babu, Professor , Department of Mechanical Engineering presented a paper in the International Conference ICACITES2021 (International conference on advance computing and Indigenous Technology in Engineering Science) with paper titled "**Predictive Analytics using multi layered perception for prediction of covid 19 spread**".

ACTIVITIES

1. An interactive session was arranged by Principal with Dr S. Arun, Research Advisor, SVCN on 8.12.21. S.M. Shafee, Associate Professor, Department of Mechanical Engineering attended the session. Dr S Arun given information regarding patents, funding agencies.



STUDENT INTERNSHIPS/PROJECTS

INTERNSHIP

1. The following students registered for Certified Internship on Research & Development from Noobtron Pvt.Ltd.

S.NO	ROLL NO	NAME	YEAR
1.	19JN1A0303	CH. GOWTHAM	III YEAR
2.	19JN1A0306	CH. MADHAN MOHAN	III YEAR
3.	19JN1A0315	G. SASI KUMAR	III YEAR
4.	19JN1A0317	K. VENKAT KRISHNA REDDY	III YEAR
5.	19JN1A0322	SK. DAVOOD	III YEAR
6.	18JN1A0348	S.JATHIN SAI	IV YEAR



PROJECT

Dr. Anil, NIT, Ph.D. Aerospace Project

Tentative title

“Additive Manufacturing of component by Direct Energy Deposition Method”

Project members

S.NO	ROLL NO	NAME
1.	18JN1A0305	CH. CHANDU
2.	18JN1A0327	V.S.S. KOUSHIK
3.	18JN1A0334	P.BHARATH
4.	18JN1A0343	S. PRAVEEN KUMAR
5.	18JN1A0348	S. JATHIN SAI
6.	18JN1A0349	T.NANDA

Internal Guide: S.M.Shafee, Associate Professor, Department of Mech.Engg, SVCN, Nellore

External Guide: Dr. Anil, Ph.D, NIT

PLACEMENT

The following students are placed in prestigious MNC like TCS, Wipro.



Name: Polamreddy Bharath Reddy

Roll no: 18JN1A0334

Company Placed: WIPRO

Package: 3.5 LPA



Name: Veluru Sai Srinivasa Koushik

Roll no: 18JN1A0327

Company Placed: TCS

Package: 3.36 LPA



Name: T. Bharath Kumar

Roll no: 18JN1A0350

Company Placed: TCS

Package: 3.36 LPA



