



**SRI RANGANATHAR**  
**INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
(An Autonomous Institution)



(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)  
Athipalayam, Coimbatore - 641 110. website: [sriet.ac.in](http://sriet.ac.in), Ph: 0422 - 2697792

# NEWS LETTER

## DEPARTMENT OF



**DEPARTMENT OF  
MECHANICAL  
ENGINEERING (MECH)****ABOUT THE DEPARTMENT:**

Department of Mechanical Engineering brings innovation in every aspect of activity and developing the students into superior graduates in order to meet industrial needs by adopt effective methods of teaching with highly qualified and experienced Faculty members and Technicians. Industrial oriented teaching and well equipped laboratories enable the students to achieve a goal in Mechanical Engineering Domain. Product development strategy and industry connectivity within the department explore a new path in the current trends.

**VISION:**

Our vision is to be a distinguished centre of excellence in Mechanical Engineering, fostering continuous learning, advanced skilling, and research collaboration, dedicated to advancing mechanical education and scientific exploration for societal betterment..

**MISSION:**

Enlightening students with effective pedagogies, hands-on practice and advanced skills.

Stimulating students' interest through add-on courses for better collaborative learning and employability.

Providing guidance on innovative research and leadership proficiency.

Nurture entrepreneurship, human values and ethics, team work along with social skills.

**SRIET – MECH NEWSLETTER****July-Dec' 2023**

*Sri Ranganathar Institute of Engineering and Technology (SRIET) came into existence in 2011, out of an ardent desire of Dr. V. Narayanasamy to contribute manifold to the society that nurtured him. SRIET is an Innovative Educational Institution where the curiosity, creativity and intellectual joy of students all drive to academic excellence. Our Institution provides complex problem-solving skill and imbibes service to the public good. SRIET is defined by strong association and working in ways that excel in traditional boundaries.*

*SRIET's academic excellence is rooted in a student-centered model of learning. The Curriculum is an accurate approach to education that pushes the students to be creative thinkers, intellectual risk-takers and entrepreneurial problem-solvers. SRIET leaves students prepared to thrive as independent and innovative leaders and equipped with the tools they need to become the next generation of leaders in their respective fields.*

- **Journals Publication (National/International)**
- **Conference Presented (National/International)**
- **Books Publication**
- **Programmes Organized**
- **Seminar/Workshop Attended**
- **FED/STTP Attended**
- **Proposals submitted**
- **Extension Activity**
- **Interaction with outside world**
- **Student's Achievements**



## HOD'S MESSAGE

As we embark on another exciting semester here at SRI RANGANATHAR INSTITUTE OF ENGINEERING AND TECHNOLOGY, COIMBATORE], I am filled with enthusiasm and optimism for what lies ahead in the realm of Mechanical Engineering. It is my privilege to address you as the Head of the Mechanical Engineering Department and share some thoughts as we navigate through the academic journey together.



Our department stands as a beacon of innovation, research, and excellence in the field of Mechanical Engineering. With a legacy of ground-breaking discoveries and a commitment to pushing the boundaries of knowledge, we continue to inspire and shape the future generation of engineers.

In the ever-evolving landscape of technology and industry, it is imperative that we stay at the forefront of advancements. Our curriculum is meticulously crafted to provide students with a comprehensive understanding of fundamental principles while also exposing them to cutting-edge developments. Through hands-on projects, collaborative research initiatives, and industry partnerships, we ensure that our students are equipped with the skills and knowledge necessary to thrive in a rapidly changing world.

Moreover, our esteemed faculty members, renowned for their expertise and dedication, play a pivotal role in nurturing talent and fostering a culture of academic excellence. Their passion for teaching and research not only enriches the learning experience but also inspires our students to dream big and achieve their fullest potential.

As we strive for academic excellence, let us also remember the importance of inclusivity and diversity within our department. Embracing different perspectives and backgrounds not only enriches our learning environment but also strengthens our ability to tackle complex challenges with creativity and innovation.

In the coming months, I encourage all members of our department to actively engage in research endeavors', academic collaborations, and extracurricular activities. Let us seize every opportunity to learn, grow, and make meaningful contributions to the field of Mechanical Engineering and beyond.

Together, we can continue to uphold the legacy of excellence that defines our department and empower the next generation of engineers to shape a brighter future.

Thank you for your unwavering commitment and dedication.

Warm regards,

**Dr T M Chentil Jegan**

**Head of Mechanical Engineering Department (SRIET).**



## **INSTITUTE VISION AND MISSION**

### **Vision:**

To be a unique Institution that enables students to become contributing Humans towards technology, business and sustainability of natural world.

### **Mission:**

Our mission is to facilitate students with harmonious teaching and experiential learning by integrating industrial and societal needs with curriculum, providing requisite infrastructure facilities and imbibing ethical values.

## **DEPARTMENT VISION AND MISSION**

### **Vision:**

Our vision is to be a distinguished centre of excellence in Mechanical Engineering, fostering continuous learning, advanced skilling, and research collaboration, dedicated to advancing mechanical education and scientific exploration for societal betterment.

### **Mission:**

- Enlightening students with effective pedagogies, hands-on practice and advanced skills.
- Stimulating students' interest through add-on courses for better collaborative learning and employability.
- Providing guidance on innovative research and leadership proficiency.
- Nurture entrepreneurship, human values and ethics, team work along with social skills.



## PEO, PO AND PSO

### PROGRAM EDUCATIONAL OBJECTIVES (PEO)

- PEO1:** Lead a prosperous career in mechanical engineering and associated industries.
- PEO2:** Possess a deep proficiency in the areas of manufacturing, materials, thermal and design.
- PEO3:** Contribute to the advancement of technology through academic research and the practical application in industry.
- PEO4:** Exhibit their professional activities with effective communication, strong leadership, ethical principles, and a commitment to social responsibility.
- PEO5:** Graduates will stay abreast of advancing technologies through continuous, life-long learning.

### PROGRAM OUTCOMES (PO)

Students graduating from Mechanical Engineering should be able to:

- PO1 Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and Mechanical engineering to the solution of complex engineering problems.
- PO2 Problem analysis:** Identify, formulate, research literature, and analyze complex mechanical engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- PO3 Design/ development of solutions:** Design solutions for complex mechanical engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- PO4 Conduct investigations of complex problems:** Using research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions for complex problems.
- PO5 Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.



**PO6 The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

**PO7 Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for the sustainable development.

**PO8 Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

**PO9 Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.

**PO10 Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

**PO11: Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

**PO12: Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

### **PROGRAM SPECIFIC OUTCOMES (PSO)**

Graduates of Mechanical Engineering Programme should be able to:

**PSO1:** Identify, formulate and solve engineering problems in the core streams of Mechanical Engineering, i.e., Design, Thermal, Fluid and Manufacturing Engineering.

**PSO2:** Design, develop and test energy efficient systems for required engineering applications by representing engineering systems through 2D/3D Drawings.



### CONTENT BEYOND THE SYLLABUS-GAP-ACTION TAKEN

- Content that extends the syllabus assists in bridging the gap between the curriculum and present engineering and technology trends. Faculties are encouraged to present at least one theoretical and practical topic on recent trends in each course that extends beyond the syllabus.
- Regular guest/expert lectures, industrial visits, and value-added courses on advanced Technologies are organized to address curriculum gaps.

S. No	Content Beyond Syllabus	Action Taken	Date	Resource person with designation	% of Students Present	Relevance to POs and PSOs
1.	Bridging Gap between Academics and Industrial Requirement.	Seminar on "Role of Mechanical Engineers in the field of Industrial Automation"	29.09.2023	Mr. S. Karthikeyan, Director/ARKtech Automation Solutions Private Limited, Coimbatore.	75	PO1, PO2, PO6, PO7 and PO12
2.	Understanding of Societal needs.	A special Talk on "Engineer's Day"	19.09.2023	Er. P. Sakthivel, CEO (Creative Designer), Design Industries, Coimbatore.	72	PO1, PO2, PO6, PO7 and PO12
3	Knowledge Addition	Value Added Course on "HVAC Design"	24.01.2024 to 30.01.2024.	Mr. R. Vignesh, HVAC Design Engineer, AGHORA Design Academy, Coimbatore	62	PO1, PO2, PO6, PO7 and PO12
4	Industrial Training	Industrial Visit	26.08.2023	Anaamalais Toyota, Coimbatore.	85	PO1, PO2, PO6, PO7 and PO12

**ASSOCIATION AND INSTITUTION ACTIVITIES**

<p>Title of the Program : Inauguration of MESA</p> <p>Date and Venue :17.11.2023 / SRIET Auditorium</p> <p>Chief Guest Details : Er.P.Sakthivel CEO (Creative Designer) Design Industries, Coimbatore.</p> <p>Number of Students Attended: 140</p>	 <p>Coimbatore, Tamil Nadu, India MESA INAUGURATION, AUDITORIUM, SRI RANGANATHAR INSTITUTE OF ENGINEERING AND TECHNOLOGY, ATHIPALAYAM, COIMBATORE -641110 Lat 11.165271° Long 76.98535° 17/11/23 12:26 PM GMT +05:30</p>
<p>Title of the Program : Digital Manufacturing using Autodesk Fusion 360</p> <p>Date and Venue: 17.10.2023/ Seminar Hall – II</p> <p>Chief Guest Details: Mr.Aadithya Sathya, CEO, USAM CAD soft India PVT Ltd., Coimbatore.</p> <p>Number of Students Attended:135</p>	 <p>Coimbatore, Tamil Nadu, India DIGITAL MANUFACTURING USING 'AUTODESK FUSION 360', SEMINAR HALL -2, SRI RANGANATHAR INSTITUTE OF ENGINEERING AND TECHNOLOGY, ATHIPALAYAM, COIMBATORE -641110 Lat 11.165271° Long 76.98535° 17/10/23 03:26 PM GMT +05:30</p>
<p>Title of the Program : Role of (Skill Set) Mechanical Engineers in the field of Industrial Automation</p> <p>Date and Venue: 29.09.2023/ Seminar Hall – I</p> <p>Chief Guest Details : Mr. Karthikeyan, Director, ARK Tech Automation solution PVT. Ltd, Coimbatore.</p> <p>Number of Students Attended:142</p>	 <p>Coimbatore, Tamil Nadu, India ROLE OF MECHANICAL ENGINEERINGS IN THE FIELD OF INDUSTRIAL AUTOMATION, SEMINAR HALL -2, SRI RANGANATHAR INSTITUTE OF ENGINEERING AND TECHNOLOGY, ATHIPALAYAM, COIMBATORE -641110. Lat 11.129029° Long 76.986009° 29/09/23 10:39 AM GMT +05:30</p>



Title of the Program : Geometric Dimensioning & Tolerancing

Date and Venue : 27.09.2023/  
Seminar Hall – I

Chief Guest Details :

Mr.J. Yokesh Kumar, ME (Ph.D.),  
Assistant Professor

SNS College of Engineering,  
Coimbatore.

Number of Students Attended: 137



Title of the Program : Engineers Day

Date and Venue :27.09.2023/  
Seminar Hall – II

Chief Guest Details:  
Er.P.Sakthivel

CEO (Creative Designer)

Design Industries, Coimbatore.

Number of Students Attended: 130



Title of the Program : Job Opportunities for Mechanical Engineers in MEP Design

Date and Venue :23.08.2023 /  
Seminar Hall – II

Chief Guest Details:

Mrs.Constant Ani Dsilvia

MEP Design Engineer

Aghora Group, Coimbatore.

Number of Students Attended: 120



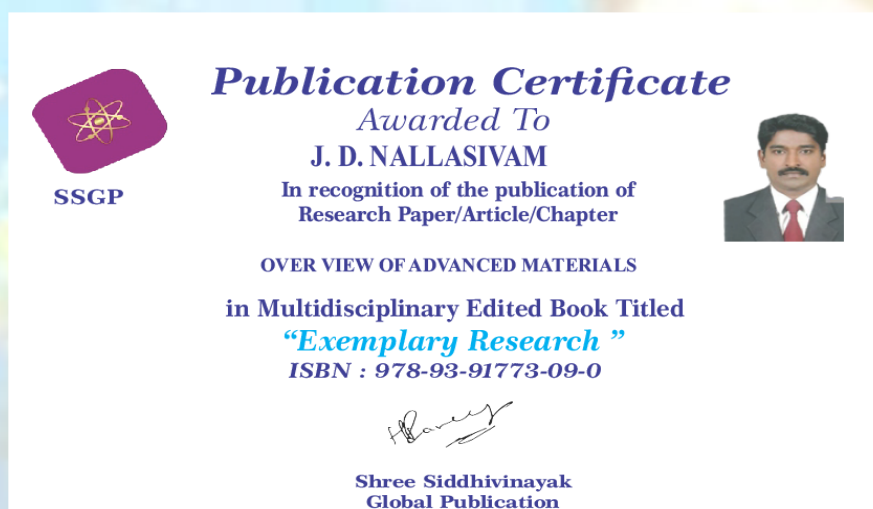


### JOURNAL PUBLICATION DETAILS

Sl. No.	Faculty Name	Title of the Paper	Journal Name Volume No, Month/ Year, Page Nos.	DOI/ISSN/ISBN Number
1	Mr.M.Mani	Investigations of Performance Characteristics on Direct Metal Laser Sintered MONEL K – 500 Super alloy.	Material Science and Technology	10.1080/02670836.2023.2240100
2	Dr.S.Aravinth	Development of Equipment for Carrying out Torsion Tests on AISI 4340 Shaft.	Materials Today: Proceedings	10.1016/j.matpr.2023.07.278
3	Dr.S.Aravinth	Transfer Learning based Fault Diagnosis of Single – Stage Single Acting Air Compressor.	-	07.09.2023
4	Dr.J.D. Nallasivam, Asso.Prof/Mech	Overview of Lean Manufacturing.	The Journal of Oriental Research Madras, XCIV – XI: 2023.	ISSN: 0022-3301

### BOOK CHAPTER PUBLICATIONS

- Dr. J. D. Nallasivam has published Book chapter on “Overview of Advanced Materials” in book titled “Exemplary Research” on 09.08.2023.





- Dr. J.D. Nallasivam ASP/Mech and Mr. S. Aravinth AP/Mech has published a book Chapter on the topic of “An Overview of Die Manufacturing’s in Additive Manufacturing Technologies” in Meritorious Research on August 2023.



SSGP

## Publication Certificate

Awarded To

**J. D. NALLASIVAM**

In recognition of the publication of  
Research Paper/Article/Chapter



**AN OVERVIEW OF DIE MANUFACTURING'S IN ADDITIVE  
MANUFACTURING TECHNOLOGIES**

in Multidisciplinary Edited Book Titled

**“MERITORIOUS RESEARCH”**

ISBN: 978-93-91773-09-0

*K.sandhu*

**Khushraj Singh Sandhu**  
Editor

*H.Ramsey*

**Shree Siddhivinayak**  
Global Publication



SSGP

## Publication Certificate

Awarded To

**S.ARAVINTH**

In recognition of the publication of  
Research Paper/Article/Chapter



**AN OVERVIEW OF DIE MANUFACTURING'S IN ADDITIVE  
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## RESEARCH PROPOSALS SUBMITTED FOR FUNDING AGENCIES

- Mr. M. Mani, AP/Mech has submitted a research proposal on “Investigation of Corrosion Resistance of Inconel 718 Fabricated by DMLS Method for Bio-Medical Application” to the funding agency TNSCST on 06.10.2023.
- Mr. A. R. Sivanesh, AP/Mech has submitted the research proposal on “Design and Fabrication of E- Vehicle with WIDDEY Circuit” to funding agency TNSCST on 27.09.2023.
- Mr. A. R. Sivanesh, AP/Mech has submitted the research proposal on “Effect of Diverse Raster Angle in FDM Processing on Mechanical Performance of PETG” to the funding agency TNSCST on 25.09.2023.
- Dr. T. M. Chenthil Jegan, ASP/Mech has submitted the research proposal on “Development of a Portable Tiller Machine Powered by an IC Engine” to the funding agency TNSCST on 22.09.2023.

## PATENT PUBLICATION

- Dr. T.M.Chenthil Jegan, Dr.S.Aravinth & Mr.D.Arivazhakan published a Patent (Sep-2023) under the title of “Smart Painting Roller with Temperature Sensor to Detect the Temperature of Wall and Paint”.

<p>(12) PATENT APPLICATION PUBLICATION (19) INDIA (22) Date of filing of Application :29/07/2023</p>	<p>(21) Application No.202341051185 A (43) Publication Date : 01/09/2023</p>
<p>(54) Title of the invention : AN ECO-FRIENDLY, SIMPLE, EFFICIENT AND COST-EFFECTIVE ELECTRIC FREIGHT TRANSPORT</p>	
<p>(51) International classification: B60K30/00(2019), B60K2017/00(2019), F16H057/00(2006), B60K2017/00(2019), B60K2011/02(2006)</p> <p>(56) International Application No: JCT: Filing Date: 05/05/2020</p> <p>(57) International Publication No: NA</p> <p>(81) Patent of Addition to Application Number: NA Filing Date: NA</p> <p>(82) Division of Application Number: NA Filing Date: NA</p>	<p>(71) Name of Applicant: <b>Dr.D.Arivazhakan</b> Address of Applicant: Assistant Professor, Department of Mechanical Engineering, Sri Rangamath Institute of Engineering and Technology, Athipalayam, Thudiyalur to Karpapalayam Road, Coimbatore - 641 118, Coimbatore</p> <p><b>Dr.M.Jeeva JS</b> <b>Dr. T.M.Chenthil Jegan</b> <b>Dr.S.Suresh Kumar</b> <b>Dr.K.Vijay Sankar</b> <b>Dr.A.Ladhin Foley</b> <b>Dr. S. Aravinth</b> <b>Dr.S.Pram Kumar</b> <b>Dr.J.Srinidha</b></p> <p>Name of Applicant : NA Address of Applicant : NA</p> <p>(72) Name of Inventor: <b>Dr.D.Arivazhakan</b> Address of Applicant: Assistant Professor, Department of Mechanical Engineering, Sri Rangamath Institute of Engineering and Technology, Athipalayam, Thudiyalur to Karpapalayam Road, Coimbatore - 641 118, Coimbatore</p> <p><b>Dr.M.Jeeva JS</b> Address of Applicant: Assistant Professor, Department of Civil Engineering, Sri Rangamath Institute of Engineering and Technology, Athipalayam, Thudiyalur Coimbatore</p> <p><b>Dr. T.M.Chenthil Jegan</b> Address of Applicant: Associate Professor, Department of Mechanical Engineering, Sri Rangamath Institute of Engineering and Technology, Athipalayam, Thudiyalur to Karpapalayam Road, Coimbatore - 641 118, Coimbatore</p> <p><b>Dr.S.Suresh Kumar</b> Address of Applicant: Associate Professor, Department of Civil Engineering, Sri Rangamath Institute of Engineering and Technology, Athipalayam, Thudiyalur to Karpapalayam Road, Coimbatore - 641 118, Coimbatore</p> <p><b>Dr.K.Vijay Sankar</b> Address of Applicant: Assistant Professor, Department of Civil Engineering, Sri Rangamath Institute of Engineering and Technology, Athipalayam, Thudiyalur to Karpapalayam Road, Coimbatore - 641 118, Coimbatore</p> <p><b>Dr.A.Ladhin Foley</b> Address of Applicant: Assistant Professor, Department of Humanities and Science (Physics), S Xavier's Catholic College of Engineering, Nagercoil, Nagercoil</p> <p><b>Dr. S. Aravinth</b> Address of Applicant: Assistant Professor, Department of Mechanical Engineering, Sri Rangamath Institute of Engineering and Technology, Athipalayam, Thudiyalur to Karpapalayam Road, Coimbatore - 641 118, Coimbatore</p> <p><b>Dr.S.Pram Kumar</b> Address of Applicant: Assistant Professor, Department of Civil Engineering, Sri Rangamath Institute of Engineering and Technology, Athipalayam, Thudiyalur to Karpapalayam Road, Coimbatore - 641 118, Coimbatore</p> <p><b>Dr.J.Srinidha</b> Address of Applicant: Assistant Professor, Department of Civil Engineering, Sri Rangamath Institute of Engineering and Technology, Athipalayam, Thudiyalur to Karpapalayam Road, Coimbatore - 641 118, Coimbatore</p>

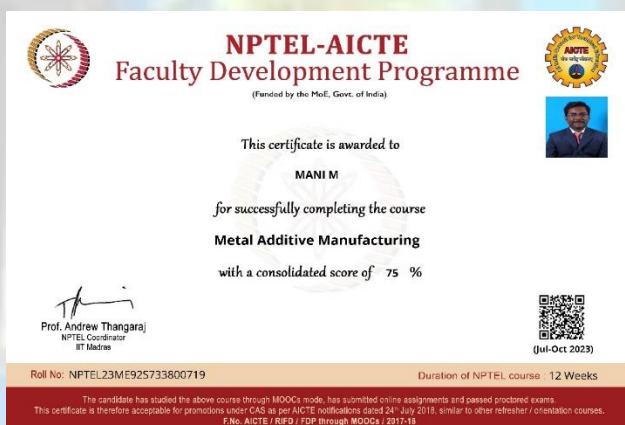


**FACULTY ATTENDED FDP/STTP/WORKSHOP/CONFERENCE/SEMINAR**

Sl. No.	Faculty Name	Title of the Conference / Seminar / Workshop / FDP/ STTP Attended	Date	Venue	Sponsoring Authority
1	Dr.J.D. Nallasivam, Asso.Prof/Mech	15 <sup>th</sup> International Conference on Science, Technology and Management.	25.06.2023	India International Centre, New Delhi	—
2	Dr. S. Aravinth	15 <sup>th</sup> International Conference on Science, Technology and Management.	25.06.2023	India International Centre, New Delhi	—
3	Dr.J.D. Nallasivam, Asso.Prof/Mech	8 <sup>th</sup> International Conference on Research Developments in Applied Science, Engineering & Management.	30.07.2023	The Indian Council of Social Science Research (ICSSR)	—
4	Mr.M.Mani	FDP on Fluid Mechanics and Machinery.	07.08.2023 to 11.08.2023	Virtual FDP	JCT College of Engineering and Technology.
5	Dr.J.D. Nallasivam, Asso.Prof/Mech	Short Term Training Program.	29.09.2023 to 03.10.2023	Research Foundation of India (RFI)-CARE	ARGA, HERF
6	Mr. D. Arivazhakan	Understanding ECO system for Health and Well- Being.	31.10.2023	SRIET	31 <sup>st</sup> National Children's Science Congress 2023.
7	Mr.A.R. Sivanesh	Understanding ECO system for Health and Well- Being.	31.10.2023	SRIET	31 <sup>st</sup> National Children's Science Congress 2023.
8	Mr.M Natrayan	Understanding ECO system for Health and Well- Being.	31.10.2023	SRIET	31 <sup>st</sup> National Children's Science Congress 2023.
9	Dr. J. D. Nallasivam	Workshop on Optical Measurement Techniques in Fluid Mechanics.	10.11.2023 & 17.11.2023	Virtual Workshop	NPTEL
10	Mr. D. Arivazhakan	Six Days FDP on Recent Advancement in Materials, Manufacturing and Technology.	30.10.2023 to 04.11.2023	Virtual FDP	Swarnandhra College of Engineering and Technology.



11	Mr.A.R. Sivanesh	FDP on Advances in Mathematical Theory and Practical Applications.	06.11.2023 to 10.11.2023	Virtual FDP	VELS Institute of Science, Technology and Advanced Studies (VISTAS).
12	Mr.M Natrayan	FDP on Advances in Mathematical Theory and Practical Applications.	06.11.2023 to 10.11.2023	Virtual FDP	VELS Institute of Science, Technology and Advanced Studies (VISTAS).
13	Mr. D. Arivazhakan	FDP on Patent Drafting for Beginners.	4 Weeks	Online	NPTEL
14	Mr.M.Mani	FDP on Metal Additive Manufacturing.	12 Weeks	Online	NPTEL
15	Dr. T.M. Chenthil Jegan	Virtual Faculty Development Program on "Modern Research Convergence in Next Generation Computing".	18.12.2023 to 22.12.2023	Virtual FDP	Sri Krishna College of Engineering and Technology.





### INTERACTIONS WITH OUTSIDE WORLD

- Dr. T. M. Chenthil Jegan ASP & Head /Mechanical Engg has given Guest Lecture on “Innovation and Entrepreneurship” at Sri Ranganathar Institute of Polytechnic College on 23.08.2023.



**SRI RANGANATHAR**  
INSTITUTE OF POLYTECHNIC COLLEGE  
ATHIPALAYAM, COIMBATORE-641110



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Speaker



**Convenor :**  
Mr. L.SURESH,  
IIC Incharges

**Co-ordinator :**  
Mrs.Jayamarii, Lect/EEE  
Mrs.Hashini, Lect/CSE

**Dr.T.M.Chenthil Jegan**  
Head & Associate professor/Department of Mechanical Engineering, SRIET-CBE



**23RD AUGUST 2023**



**3.00pm Onwards @ Seminar Hall - 1**

**Diploma Programs :**  
DME I DEEE I DECE I DCSE I DAE I DCE

**More Information :** +1800 123 2998, 74026 63999, 74026 62999



### EXTENTION ACTIVITY

- Mr. M. Mani AP/Mech has received NPTEL Online Course Certification (**With ELITE SIVER MEDAL**) – “Metal Additive Manufacturing”, Indian Institute of Technology, Kanpur on Jul-Oct 2023.



## Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**MANI M**  
for successfully completing the course  
**Metal Additive Manufacturing**  
with a consolidated score of **75** %

Online Assignments	21.88/25	Proctored Exam	53.5/75
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Total number of candidates certified in this course: **396**

  
**Prof. B. V. Ratish Kumar**  
Chairman, Centre for Continuing Education  
IIT Kanpur

Jul-Oct 2023  
(12 week course)

  
**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur

  
 Indian Institute of Technology Kanpur

  
FREE ONLINE EDUCATION  
**swayam**  
यशस्विता विद्या ऽ मृतमश्नुते

Roll No: NPTEL23ME92S733800719

To verify the certificate 

No. of credits recommended: 3 or 4

- Mr. D. Arivazhakan AP/Mech has received NPTEL Online Course Certification (**With ELITE SIVER MEDAL**) – “Patent Drafting for Beginners”, Indian Institute of Technology, Madras on Jul- Aug 2023.



## Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**ARIVAZHAKAN D**  
for successfully completing the course  
**Patent Drafting for Beginners**  
with a consolidated score of **79** %

Online Assignments	19.08/25	Proctored Exam	59.75/75
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Total number of candidates certified in this course: **768**

  
**Prof. Devendra Jalihal**  
Chairperson,  
Centre for Outreach and Digital Education, IITM

Jul-Aug 2023  
(4 week course)

  
**Prof. Andrew Thangaraj**  
NPTEL, Coordinator  
IIT Madras

  
 Indian Institute of Technology Madras

  
FREE ONLINE EDUCATION  
**swayam**  
यशस्विता विद्या ऽ मृतमश्नुते

Roll No: NPTEL23HS94S45344395

To verify the certificate 

No. of credits recommended: 1 or 2



- Mr. M. Natrayan AP/Mech has Joined Professional Body membership in SAEINDIA on 01.12.2023.



- Mr.D.Arivazhakan AP/Mech has coordinated our students to participate the Tamil Speech Competition held at PPG Institute of Technology, Coimbatore and received **II-PRIZE (Cash Award and Appreciation Certificate)** for the active participation in the competition, organized by DMK Engineers Wing on 13.10.2023.



- Mr.D.Arivazhakan AP/Mech has coordinated our students to participate the Tamil Speech Competition held at Balaji Mahal, Coimbatore and received **I-PRIZE (Cash Award and Appreciation Certificate)** for the active participation in the competition, organized by DMK Students Wing on 13.10.2023.



**INTERNSHIP/ INPLANT TRAINING ATTENDED**

S. No.	Name of the Industry with contact details	Name of the Student	Duration	Nature of the activity
1	Tamilnadu State Transport Corporation, Nagercoil.	ABIMAN BOOPATHY.P.A	18 Days (01-07-2023 to 18-07-2023)	In plant Training
2	Prasanna Fibres, Coimbatore. Mobile: 95859 65656	ABUSHALIQ K GUNA S HARISHKUMAR M SURYA S VASANTH S	20 Days (20-06-2023 to 12-07-2023)	Internship
3	Gopinath Industries, Kariapatti. Mobile: 93445 45452	AJAY BABU.S	17 Days (03-07-2023 to 19-07-2023)	Internship
4	Saaral Motors, Erode.	ANANDA KRISHNAN K	15 Days (20-06-2023 to 05-07-2023)	Internship
5	D.J.Enterprises, Tirupur. 0421-2223910	ARAVINDAN M	36 Days (01-07-2023 to 18-07-2023)	Internship
6	Everest Industries Ltd., Podanur P.O, Coimbatore. Mobile: 88700 12500	AROCKIA AJAN A	17 Days (06-07-2023 to 22-07-2023)	Internship
7	Arrow Instruments, Coimbatore. Mobile: 94433 55420	AZHWAR R	15 Days (20-06-2023 to 05-07-2023)	Internship
8	K.K.Motors, Ramanathapuram. Mobile: 9629666401	BALAMURUGAN M	18 Days (14-07-2023 to 31-07-2023)	Internship
9	Jonnal Insulation Walaja Taluk, Ranipet. Mobile: 90475 79369	BARATH V	19 Days (03-07-2023 to 21-07-2023)	Internship
10	Ponni Sugars Limited, Odapalli, Erode. 04288 247351	DEEPAKKUMAR S	15 Days (10-07-2023 to 25-07-2023)	Internship
11	ShinWoo Engineering Pvt., Ltd Sriperumbudur Taluk, Kanchipuram. Mobile: 88700 43434	DHANUSH R	15 Days (27-06-2023 to 15-07-2023)	In plant Training
12	Dev Motors & Engineering Company, Melur, Madurai. Mobile: 85552 20080	DHANUSH S SABSRI P	15 Days (13-07-2023 to 17-07-2023)	Inplant Training



13	Siva Maruti, New Ramnad Road, Madurai. Mobile: 98431 88888	DHARMA DURAI M	15 Days (10-07-2023 to 31-07-2023)	Internship
14	Kavin Motors, Anna Nagar, Palladam. Mobile: 96777 59002	KARUPUSAMY C	15 Days (03-07-2023 to 20-07-2023)	Internship
15	NLC India Limited, Neyveli.	MAHALINGAM M NAGARAJ K SAKTHI V SASIKUMAR A	14 Days (24-06-2023 to 07-07-2023)	Internship
16	ACL TVS, Collector Odffice Road, Perambalur. Mobile: 90955 45635	MAHESH C	20 Days (05-07-2023 to 14-07-2023 & 07-08-2023 to 16-08-2023 )	Internship
17	LEO Motors, Thiruthangal P.O., Sivakasi. Mobile: 73977 72778	MARIMUTHU K	28 Days (01-07-2023 to 28-07-2023)	Internship
18	Easan Farm Machinery, Sirgali Main Road, Mayiladhuthurai. Mobile: 70944 33311	MATHESH S	31 Days (01-07-2023 to 31-07-2023)	Internship
19	Malar Solvent Extraction (P) Ltd., Pudukkottai, Sivagangai. Mobile: 94422 72337	PANDIYARAJAN R	17 Days (03-07-2023 to 19-07-2023)	Internship
20	Sri Sai Motors and Services, P.N.Palayam, Coimbatore. Mobile: 80122 22317	PASUPATHI P PRASANNA B SABARIGREESAN N	20 Days (26-06-2023 to 15-07-2023)	Internship
21	SUN V Technology, Ganapathy Post, Coimbatore. Mobile: 86107 42919	PERUMAL PRAVEENKUMAR K DHANUSH VARSHAN J	17 Days (28-06-2023 to 14-07-2023)	Internship
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23	Ramani Bikes, Seelanaickenpatti, Salem. Mobile: 98431 88888	RAGUL K VIGNESH S	17 Days (04-07-2023 to 20-07-2023)	Internship
24	Accurate Technovision, Nehru Nagar, Coimbatore. Mobile: 94875 26995	SARATHSRI R SUBHASH CHANDRABOSE S SANTHOSH E	15 Days (26-06-2023 to 15-07-2023)	Internship
25	SRI PVS Engineering, Chinnavedampatti (PO), Mobile: 88254 58819.	SARAVANAN M	15 Days (26-06-2023 to 15-07-2023)	Internship



26	Hi-TECH CNC Automation, Saravanampatti Post, Coimbatore. Mobile: 97912 64848	SIBIRAJ K	17 Days (28-06-2023 to 14-07-2023)	Internship
27	Sri Samayapurathal Autos Private Limited, Ramanathapuram. Mobile: 88701 22253	SIVAPRAKASH B	10 Days (15-07-2023 to 24-07-2023)	In plant Training
28	Sri Halina Motors, Katary, Coonoor. Mobile: 98420 41412	SRIKANTH S	15 Days (26-06-2023 to 15-07-2023)	Internship
29	Phoenix Softech, Coimbatore.	VIGNESH PANDI P	15 Days (22-06-2023 to 06-07-2023)	Internship
30	Thriveni Car Company (P) Ltd., Suramangalam Post, Salem. 0427-2440000	VISHNU KUMAR P	10 Days (03-07-2023 to 15-07-2023)	Internship
31	YESVEE Industries, Idigarai Post, Coimbatore. Mobile: 98940 40508	DEVA G MUTHUKRISHNAN M NAVEENKUMAR M SAJITH S	20 Days (20-06-2023 to 12-07-2023)	Internship
32	P S Engineering, Idigarai, Coimbatore. Mobile: 99949 95060	UDAYAVEL A	20 Days (20-06-2023 to 12-07-2023)	Internship



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