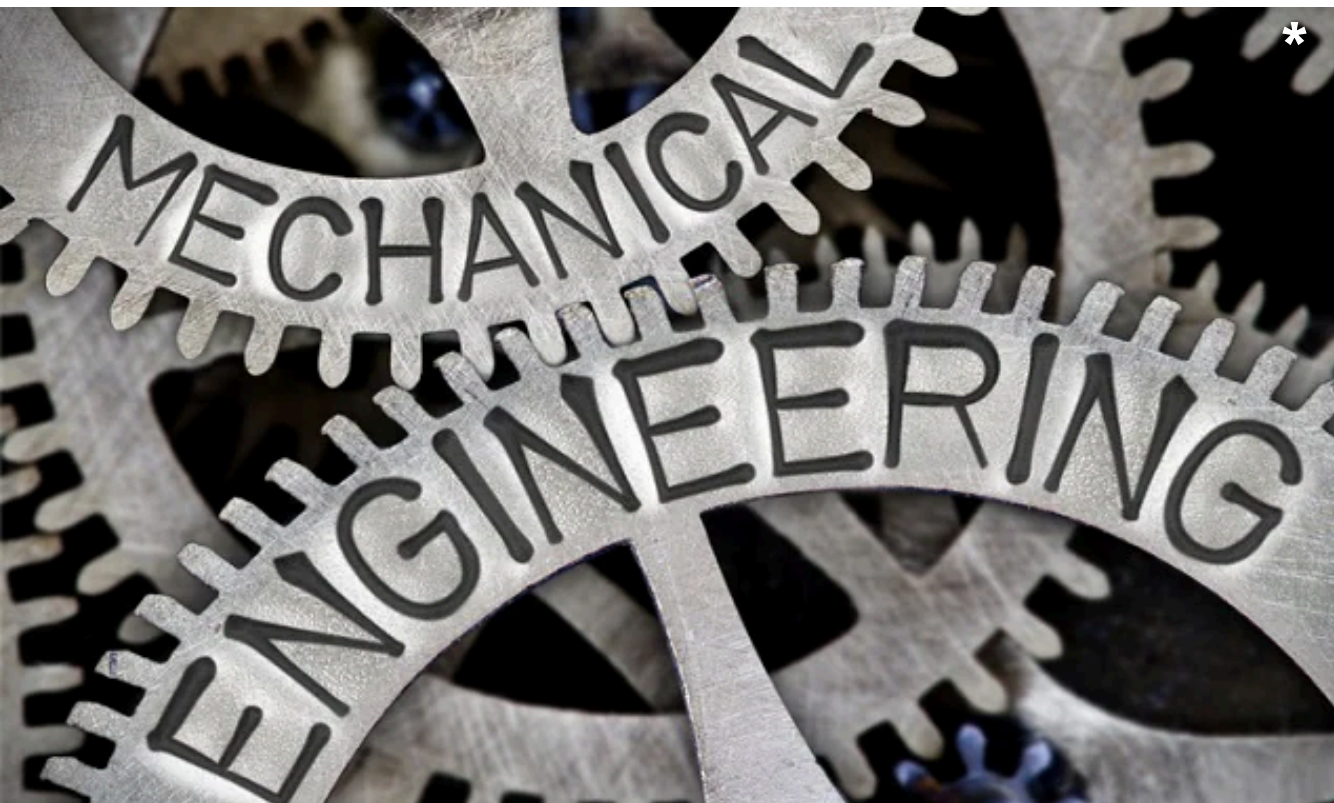


THE COTERIES BULLETIN



VISION

"To make the Mechanical Engineering Programme a Centre of Excellence in Professional Education and Research."

MISSION

To provide quality education for moulding competent professionals in Mechanical Engineering

To promote collaborative activities and positive contributions to society

To facilitate a continuous learning environment



Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY



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B.Tech

Civil Engineering
Computer Science & Engineering
Computer Science & Engineering (Artificial Intelligence)
Computer Science & Engineering (Data Science)
Electronics & Biomedical Engineering
Electronics & Communication Engineering
Electrical & Electronics Engineering
Mechanical Engineering
Robotics & Automation

M.Tech

Computer Science & Engineering
Power Electronics & Power Systems
VLSI & Embedded Systems

MBA

HR/ Finance/ Marketing/ Operations

MCA

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ADMISSION
OPEN 2025-2026

INSTITUTE EVENTS

Vision, Mission and PEO's of Mechanical Engineering Department



Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY

The Vision, Mission and PEO's of Department of Mechanical Engineering

“To make the Mechanical Engineering programme a centre of excellence in professional education and research.”

Mission 1. To provide quality education for moulding competent professionals in mechanical engineering.

Mission 2. To facilitate continual learning environment.

Mission 3. To promote collaborative activities and positive contributions to society.

PEO 1. To succeed in professional career or higher education.

PEO 2. To analyse real life problems, design mechanical systems, which are technically sound, economically viable and socially relevant.

PEO 3. To lead teams with effective communication and engage in lifelong learning.



INSTITUTE EVENTS

Adi Shankara Institute of Engineering and Technology (ASIET) Honored at Tink Her Hack 3.0 Impact & Innovation Summit.



ASIET was recognized for its outstanding contributions at the Impact & Innovation Summit held on May 2, 2025, at TinkerSpace, Ernakulam. The event was organized by TinkerHub Foundation, in association with Kerala Startup Mission (KSUM), as part of Tink Her Hack 3.0 — Kerala's largest women-centric hackathon, conducted across 63 campuses.

ASIET was recognized for its outstanding contributions at the Impact & Innovation Summit held on May 2, 2025, at TinkerSpace, Ernakulam. The event was organized by TinkerHub Foundation, in association with Kerala Startup Mission (KSUM), as part of Tink Her Hack 3.0 — Kerala's largest women-centric hackathon, conducted across 63 campuses.

Dr. Ramani Bai V, Professor & Head of the Department of Computer Science and Engineering, represented ASIET on behalf of Ms. Chinnu Maria Varghese, Faculty Coordinator, and proudly received the award of recognition for the institution.

The summit was graced by distinguished chief guests — Mr. Hibi Eden, Member of Parliament, and Mr. Anoop Ambika, CEO of Kerala Startup Mission — who delivered insightful addresses to the gathering.

The event also featured a thought-provoking Panel Conversation on "The Learning Shift," which explored emerging trends in education, the future of campus learning, and the importance of adopting hands-on, peer-driven, and tech-enabled learning models within academic institutions.

INSTITUTE EVENTS

Shankara IKS centre was inaugurated by Honourable chief guest Dr. K. Sivaprasad (KTU VC) on 05.05.2025

**Adi Shankara**
INSTITUTE OF ENGINEERING AND TECHNOLOGY



Inauguration

INDIAN KNOWLEDGE SYSTEMS (IKS) CENTRE
A collaborative initiative of Adi Shankara Engineering College
and Sree Sankara College, Kalady



PRESIDENTIAL ADDRESS
Sri . K Anand
Managing Trustee Adi Sankara Trust



INAUGURATION
Dr. K Sivaprasad
Vice Chancellor
A. P. J. Abdul Kalam Technological University,
Thiruvananthapuram



KEYNOTE ADDRESS
Shri . Lalith Gannavaram
Shatavadani, Traditional Scholar
and Aeronautical Engineer

WELCOME ADDRESS

Dr. M S Murali
Principal ASIET Kalady

FELICITATION

Dr. Anil kumar
Principal Sree Sankara College,
Kalady

FELICITATION

Sri. PV Rajaraman
Chief Technology Officer
ASIET, Kalady

VOTE OF THANKS

Dr. Harikrishnan
Assistant Professor
Sree Sankara College, Kalady

Date : 05.05.2025 | Time : 10.30 AM | Venue : Main Seminar Hall
www.adishankara.ac.in

INSTITUTE EVENTS

Shankara IKS centre was inaugurated by Honourable chief guest Dr. K. Sivaprasad (KTU VC) on 05.05.2025

**Adi Shankara**
INSTITUTE OF ENGINEERING AND TECHNOLOGY









Inauguration

**SHANKARA JAYANTHI CELEBRATION
AND
INDIAN KNOWLEDGE SYSTEMS (IKS) CENTRE INAUGURATION**



PRESIDENTIAL ADDRESS
Sri . K Anand
Managing Trustee Adi Sankara Trust



INAUGURATION
Dr. K Sivaprasad
Vice Chancellor
A. P. J. Abdul Kalam Technological University,
Thiruvananthapuram



KEYNOTE ADDRESS
Shri . Lalith Gannavaram
Shatavadani, Traditional Scholar
and Aeronautical Engineer

WELCOME ADDRESS

Dr. MS Murali
Principal ASIET Kalady

FELICITATION

Dr. Anil kumar
Principal Sree Sankara College,
Kalady

FELICITATION

Sri. PV Rajaraman
Chief Technology Officer
ASIET, Kalady

VOTE OF THANKS

Dr. Harikrishnan
Assistant Professor
Sree Sankara College, Kalady

A collaborative initiative of Adi Shankara Engineering College and Sree Sankara College, Kalady
Date : 05.05.2025 | Time : 10.30 AM | Venue : Main Seminar Hall
www.adishankara.ac.in

INSTITUTE EVENTS

Gold Medal Victory in University Karate Championship

**Adi Shankara**
INSTITUTE OF ENGINEERING AND TECHNOLOGY

**KERALA STARTUP MISSION
IDEA GRAND WINNERS**



TEAM MEMBERS : Nidhin Shaju, Vyshak Pradeep,
Sathyajith, Ron Biju
Mentor : Dr. Reshma Lakshmanan
IDEA : " Intelligent Resource Consumption
System "

GRANT AMOUNT : ₹25,000/-

Congratulations

**Adi Shankara**
INSTITUTE OF ENGINEERING AND TECHNOLOGY

**KERALA STARTUP MISSION
IDEA GRAND WINNERS**



TEAM MEMBERS : Adarsh Vinod, Abhijith A Pillai,
Adithya Krishna M, Arjun J
Mentor : Dr. Bipin P.R

GRANT AMOUNT : ₹40,000/-

Congratulations

Proud Moment for Adishankara!

Hearty congratulations to both our student teams from Adishankara Institute of Engineering and Technology for their remarkable achievements.

Team 1: Nidhin Shaju, Vyshak Pradeep, Sathyajith, and Ron Biju (2020-24 batch) for their innovative idea 'Intelligent Resource Consumption System', selected for funding under Kerala Startup Mission's Idea Fest, with a grant of ₹25,000. Kudos to their mentor Dr. Reshma Lakshmanan.

Team 2: Abhijith A Pillai, Adarsh Vinod, Adithya Krishna M, and Arjun J for their project 'Generous Communicator', also selected by Kerala Startup Mission for funding with a grant of ₹40,000. Congratulations to their mentor Dr. Bipin P.R.

A big thank you to Kerala Startup Mission for supporting student innovation and entrepreneurship. Proud moment for Adishankara IEDC as we continue to nurture and celebrate student-led innovations.

Wishing both teams continued success as they move forward in their entrepreneurial journey!

INSTITUTE EVENTS

ENTE KERALAM EXHIBITION



One of the notable project works from S8 EBE under the guidance of Dr. Lakshmi M Hari was exhibited in the "Ente Keralam 2025", Exhibition stall representing APJAKTU and ASIET today at Marine Drive Kochi. Students involved in the work are Ms. Megha M, Mohammed Azam, and Irene George (2021 EBE). Mr. Dixon Davis from Dept. EBE also attended the event. Congratulations to the guide and students

DEPARTMENT EVENTS

CONGRATULATIONS Dr. SANDEEP O S FOR YOUR
ACHIEVEMENT

**DEPARTMENT OF MECHANICAL ENGINEERING
NIT CALICUT**

Ph.D Open Defence (Viva-voce)

Topic :

**Investigation in to the Anisotropic
Behaviour of Wire Arc Additively
Fabricated SS 304L**

 Thursday
29 May, 2025

 3.00 PM

 MED Seminar Hall (DB)

Research Supervisor
Dr. BASIL KURIACHEN

Mr. SANDEEP O S

We are delighted to share that Dr. Sandeep O S has successfully defended his
Ph.D. thesis titled:

“Investigations into the Anisotropic Behavior of WAAM-Fabricated SS304L”

He has impressively completed his Ph.D. within three years, marking an
outstanding academic and research achievement. His work has resulted in
high-quality publications in prestigious international journals (Four Q1 and
One Q2) such as:

CIRP Journal of Manufacturing Science and Technology

Journal of Constructional Steel Research

Materials Letters

Tribology International

(Under Review) Progress in Additive Manufacturing.

Congratulations to Dr. Sandeep O S on this remarkable milestone!

DEPARTMENT EVENTS

CONGRATULATIONS Dr. JITHESH K FOR ELITE + SILVER NPTEL CERTIFICATION



Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to

DR JITHESH K

for successfully completing the course

Manufacturing Process Technology I & II

with a consolidated score of **75** %

Online Assignments	23.38/25	Proctored Exam	51.62/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **406**

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

Jan-Apr 2025

(12 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



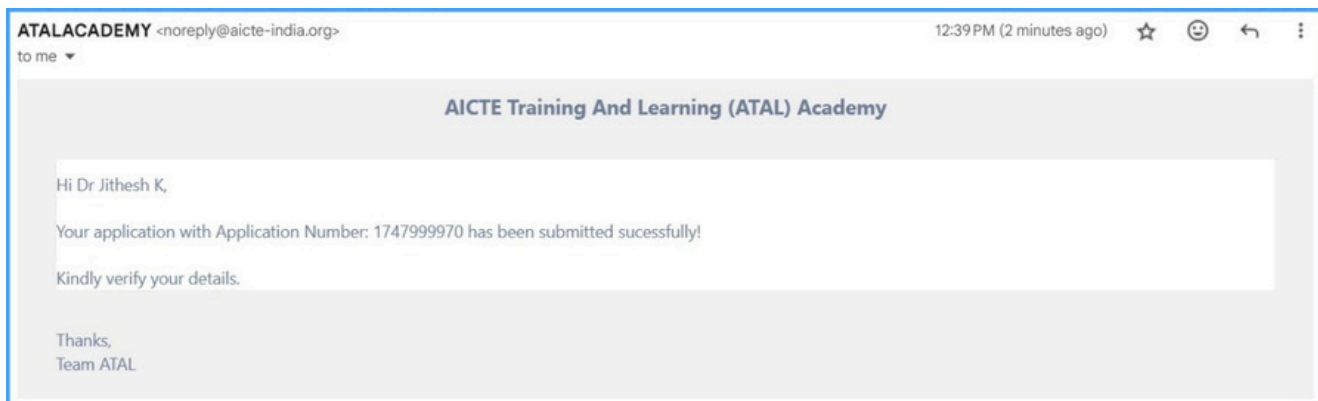
Skill India
कौशल भारत - कुशल भारत



FREE ONLINE EDUCATION



DEPARTMENT EVENTS



**Dr. Jithesh K and Dr. Sivaprasad P V
Successfully submitted an ATAL FDP Proposal**

DEPARTMENT EVENTS

STUDENTS SUCCESSFULLY CLEARED THE NPTEL MOOC CERTIFICATION COURSE ON MANUFACTURING PROCESS TECHNOLOGY 1 & 2



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to
FATHIMA NESRIN VB
for successfully completing the course

Manufacturing Process Technology I & II

with a consolidated score of **56** %

Online Assignments	19.41/25	Proctored Exam	36.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **406**

Pathish

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

Jan-Apr 2025
(12 week course)



Satyaki Roy
Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



FREE ONLINE EDUCATION



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to
SOURAV SHAJI
for successfully completing the course

Manufacturing Process Technology I & II

with a consolidated score of **55** %

Online Assignments	23.06/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: **406**

Pathish

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

Jan-Apr 2025
(12 week course)

Satyaki Roy

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



FREE ONLINE EDUCATION



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to
SOORAJ S
for successfully completing the course

Manufacturing Process Technology I & II

with a consolidated score of **53** %

Online Assignments	23.06/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **406**

Pathish

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

Jan-Apr 2025
(12 week course)

Satyaki Roy

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



FREE ONLINE EDUCATION

DEPARTMENT EVENTS

**Mr. Kiran K S (Assistant Professor) completed
3 MOOC Courses**



Prof. Kiran K S successful completed 3 NPTEL courses with Elite certification.

- 1.Introduction to Operations Research-8 Week.**
- 2.Management of Inventory Systems-12Week.**
- 3.Optimization from Fundamentals-12 Week.**

DEPARTMENT EVENTS

College Wise Details of Research Seed Money 2024-25									
AdiShankara Institute of Engineering and Technology									
sno	Name	Title	Amount Sanctioned	1st Installment	2nd Installment	Consumables	Equipment	Travel	Contingency
1	Akshaya Jayaraj	AI based cognitive screening and monitoring for inmates of old age homes	86,250	50,000	36,250	10,000	46,250	10,000	20,000
2	Shyama. R	Cutting Edge ECG image based cardiac diagnostic system utilizing explainable AI methods	140,000	70,000	70,000	40,000	60,000	20,000	20,000
3	Dr. Chithra Parameswaran	A sensor patch for allergy detection in infants	138,265	96,785	41,480	39,960	60,305	18,000	20,000
4	Dr. Resmi N. C	Enhancing Post-Disaster Communication Networks with Intelligent Reflecting Surfaces: A Resilient and Energy-Efficient IoT-Driven Approach	132,000	79,200	52,800	35,000	60,000	19,000	18,000
5	Jeeshma Mary PAUL	DISCONTINUOUS PULSE CODE MODULATION SCHEME FOR BLDC MOTOR DRIVE	107,500	55,000	52,500	30,000	47,500	15,000	15,000



6	Goutham D	Influence of Heat and Cryogenic Treatments on the Mechanical Properties and Microstructure of 304L Stainless Steel Produced by Wire Arc Additive Manufacturing and Traditional Manufacturing.	51,755	41,755	10,000	10,530	27,225	7,000	7,000
7	Dr. Vinay Varghese	Cryogenic treatment of PVD coated WC-Co cutting inserts during end milling of AISI 304 Stainless Steel	96,000	60,000	36,000	13,000	60,000	8,000	15,000
8	Dr. Sivaprasad P V	Enhancing Biocompatibility and Reducing Costs: The Development of PLA-Titanium Composite Filaments for Additive Manufacturing of Medical Implants	46,500	23,500	23,000	16,000	17,500	5,000	8,000
9	Dr. Rahul S. Arackal	Development of novel and eco-friendly battery thermal management system based on hybrid cooling for electric vehicles	79,600	56,000	23,600	10,000	54,600	5,000	10,000



Out of 4 RSM approve proposals, 4 from Mechanical

DEPARTMENT EVENTS

Campus Placement Success Stories

Congratulations
FOR YOUR PLACEMENT ACHIEVEMENT

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DEPARTMENT OF
MECHANICAL ENGINEERING

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MUHAMMED MUBEEN



MOHAMMED JAZIM

SUMMER INTERNSHIP AT IIT PALAKKAD



MUHAMMED RIYAS

DEPARTMENT EVENTS



ROHITH MANOJ



PARTHIV BINU



JYOTHISH KUMAR



CONGRATULATIONS BATCH 2025!

ON STARTING YOUR CAREER IN SHIPPING! WISHING
YOU SMOOTH SAILING AND GREAT SUCCESS AHEAD

YOU HAVE MADE US PROUD

DEPARTMENT OF MECHANICAL ENGINEERING



Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT EVENTS



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Congratulations...



MUHAMMED RIYAS P A
(S6 Mechanical Engineering)

**Has been selected for the
Summer Internship
Programme at IIT Palakkad**

**Best wishes for a fruitful learning
experience**

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