



ROBOTECH

MONTHLY NEWSLETTER

ROBOTICS AND AUTOMATION

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VISION

Progress through quality education and evolve into a center for academic excellence in the field of Robotics and Automation.

MISSION

To provide a supportive academic environment for value-added education and continuous improvement to become the leaders in robotic research and education. To develop socially responsible engineers with technical competence, leadership skills and team spirit.



FACULTY DEVELOPMENT PROGRAMME (FDP) ON

ROBOTICS

BEYOND BOUNDARIES: FROM PROGRAMMING TO AUTONOMY



ORGANIZED BY
DEPARTMENT OF ROBOTICS
AND AUTOMATION
ASIET



MODE
HYBRID



DAY 1
22 JUNE



DAY 2
23 JUNE



DAY 3
24 JUNE



DAY 4
27 JUNE



DAY 5
29 JUNE

RESOURCE PERSONS



Dr. Athira M
Associate Professor
ASIET



Mr. Arun Kumar K
Assistant Professor
ASIET



Dr. Julia T J
Associate Professor
ASIET



Mr. Dino Davis
Founder
Exodia Technologies
Pvt Ltd



Dr. Sivabalakrishnan R
Associate Professor
Bannari Amman Institute
of Technology



Dr. Ramesh Kumar P
Associate Professor
Government Engineering
College, Kozhikode



Dr. Abitha M A
Associate Professor
Vidya Academy of Science
and Technology



Dr. Meby Mathew
Assistant Professor
Amal Jyothi College
of Engineering



Dr. AN Amudhan
Assistant Professor
Amrita Vishwa
Vidyapeetham

TOPICS COVERED



Robotics Programming
and Control



Drone Technology



Industrial Robotics



AI & Robotics
Applications



Autonomous
Mobile Robots



Emerging Trends
in Robotics

REGISTRATION FEE

FOR ALL
PARTICIPANTS

₹500

SCAN TO REGISTER



E-CERTIFICATE



HANDS-ON
SESSIONS



EXPERT
TALKS



NETWORKING
OPPORTUNITIES



FOR REGISTRATION
AND QUERIES

9944588715

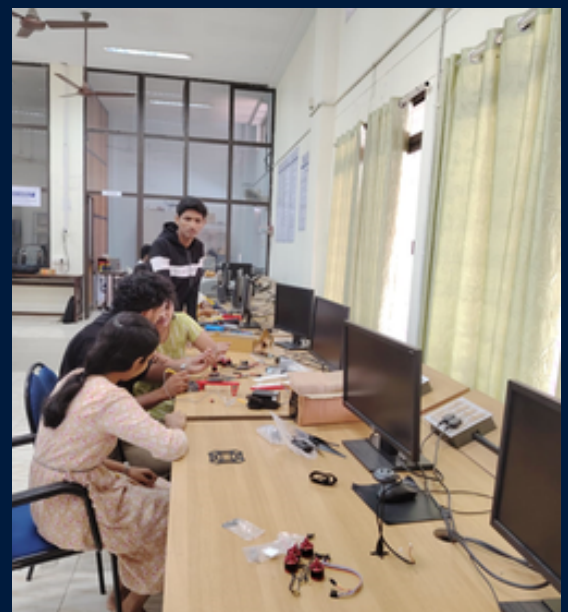
SIX-DAY FACULTY DEVELOPMENT PROGRAMME

"ROBOTICS BEYOND BOUNDARIES: FROM PROGRAMMING TO AUTONOMY"

The Department of Robotics and Automation, Adi Shankara Institute of Engineering and Technology (ASIET), successfully organized a Six-Day Faculty Development Programme (FDP) titled “Robotics Beyond Boundaries: From Programming to Autonomy” in hybrid mode from 22 June to 29 June. The programme was designed to provide faculty members, research scholars, industry professionals, and postgraduate students with a comprehensive understanding of modern robotics, automation, artificial intelligence, and autonomous systems.

The inaugural session witnessed enthusiastic participation from academicians and professionals from various institutions across the country. Throughout the six-day programme, participants were exposed to a blend of theoretical concepts, practical demonstrations, and interactive discussions led by eminent experts from academia and industry.

The programme featured expert sessions by Dr. Athira M., Associate Professor, ASIET; Mr. Arun Kumar K., Assistant Professor, ASIET; Dr. Julia T. J., Associate Professor, ASIET; Mr. Dino Davis, Founder, Exodia Technologies Pvt. Ltd.; Dr. Sivabalakrishnan R., Associate Professor, Bannari Amman Institute of Technology; Dr. Ramesh Kumar P., Associate Professor, Government Engineering College, Kozhikode; Dr. Abitha M. A., Associate Professor, Vidya Academy of Science and Technology; Dr. Meby Mathew, Assistant Professor, Amal Jyothi College of Engineering; and Dr. A. N. Amudhan, Assistant Professor, Amrita Vishwa Vidyapeetham. Each resource person shared valuable insights drawn from their academic expertise and industrial experience, making the sessions informative and highly engaging.





The technical sessions covered a wide spectrum of topics including Robotics Programming and Control, Industrial Robotics, Autonomous Mobile Robots, Drone Technology, Artificial Intelligence and Robotics Applications, and Emerging Trends in Robotics. Participants also benefited from hands-on training sessions, enabling them to gain practical exposure to robotic programming, autonomous systems, and AI-based applications. Interactive discussions and live demonstrations further enhanced the learning experience, encouraging participants to explore innovative approaches to robotics research and implementation.

The successful conduct of the Faculty Development Programme reflects the Department of Robotics and Automation, ASIET's continued commitment to promoting quality technical education, research excellence, and innovation.



Adi Shankara

INSTITUTE OF ENGINEERING AND TECHNOLOGY

*We, the Management, staff & students of ASIET
cordially invite your gracious presence for*

SAMAVARTHANA

2K26

THE CONVOCAION CEREMONY OF 22ND BATCH OF B.TECH, 21ST BATCH OF MBA,
15TH BATCH OF M.TECH & 2ND BATCH OF MCA

CHIEF GUESTS



Shri. ROJI M. JOHN

Hon. Minister of Higher Education
Government of Kerala
& Pro-Chancellor of KTU



Shri. K. ANAND

Managing Trustee
Adisankara Group



Dr. CIZA THOMAS

Hon. Vice Chancellor of
APJ Abdul Kalam
Technological University, Kerala

FRI | 26 | JUN

Venue: Central Courtyard, ASIET | Time: 9.30 AM

Note: All students, staff & parents are
requested to be in the venue by 9.00 am

SAMAVARTHANA 2026

Adi Shankara Institute of Engineering and Technology (ASIET) celebrated Samavarthana 2K26 on 26-06-26, the Convocation Ceremony for the 22nd Batch of B.Tech, 21st Batch of MBA, 15th Batch of M.Tech, and 2nd Batch of MCA, at the Central Courtyard with great enthusiasm and dignity.



The ceremony was graced by distinguished dignitaries, including Shri Roji M. John, Hon. Minister for Higher Education, Government of Kerala and Pro-Chancellor of KTU, as the Chief Guest. Shri K. Anand, Managing Trustee of Adi Shankara Group, and Dr. Ciza Thomas, Hon. Vice Chancellor of APJ Abdul Kalam Technological University, Kerala, also addressed the gathering and congratulated the graduating students on their academic accomplishments.

The event marked a significant milestone in the lives of the graduates as they received their degrees in the presence of faculty members, parents, and well-wishers. Inspiring speeches by the dignitaries encouraged students to pursue excellence, embrace lifelong learning, and contribute meaningfully to society.

DEPARTMENT OF ROBOTICS AND AUTOMATION CELEBRATES CONVOCATION OF THE B.TECH BATCH 2022–2026



The Department of Robotics and Automation proudly celebrated the graduation of the B.Tech Batch 2022–2026 during Samavarthana 2K26, the Convocation Ceremony held at Adi Shankara Institute of Engineering and Technology on 26 June 2026.



The ceremony marked a significant milestone in the academic journey of the graduating students, who were awarded their Bachelor of Technology degrees in the presence of distinguished guests, faculty members, parents, and well-wishers. The event celebrated the hard work, dedication, and achievements of the graduating batch while recognizing their successful completion of the undergraduate programme.

"A JOURNEY COMPLETED, A FUTURE BEGINS"



ROBOTICS AND AUTOMATION

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Faculty members of the Department of Robotics and Automation extended their heartfelt congratulations to the graduates and wished them success in their higher studies, research, entrepreneurship, and professional careers. The department takes immense pride in the accomplishments of the 2022–2026 batch and looks forward to witnessing their valuable contributions to the fields of robotics, automation, and emerging technologies.

Congratulations to the B.Tech Robotics and Automation Batch of 2022–2026!
Wishing you a future filled with innovation, excellence, and success

STUDENT ACHIVEMENTS



Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY



**DEPARTMENT OF
ROBOTICS & AUTOMATION**

*Congratulations
on your achievement*



Akshay Raj B
Jr Automation Engineer
GI India Automation & Systems
Pvt Ltd



Pavan P Biju
Robotics Intern
STEM Robotics



Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY



**DEPARTMENT OF
ROBOTICS & AUTOMATION**

*Congratulations
on your achievement*



Adithya Anil Bhat
Automation Intern
SMEC Automation Pvt Ltd



Adithya Nikhil
Research & Development Intern
Nanograf Private Limited



Sonu S N
AI and Robotics Software Intern
Grafito Innovations



Yaswanth Krishna
Robotics & Automation Intern
Stepz Robotics



Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY



**DEPARTMENT OF
ROBOTICS & AUTOMATION**

*Congratulations
on your placement*



Sruthi Biju
Systems Engineer
Tata Consultancy Services



Sneha Alphonso Francis
Control Systems Engineer
Genrobotic Innovations Pvt Ltd



Aaljin Antony K J
Asimov Robotics
ZOH0 Corporation



SubhaSankar
Robotics Teacher
OPEN HOUSE



Swaroop S
Trainee Engineer
Sunlux Technovations

Congratulations!

ON YOUR WELL-DESERVED ACHIEVEMENTS



ASPERN 2ND PRIZE* - COLLEGE WISE

- Dino Davis
- Adithya Anil Bhat
- Karthik biju
- Nandana KD



ASPERN 3RD PRIZE - COLLEGE WISE

- Indrajith V S
- Surya S R
- Sruthi biju
- Sonu S N

★ DEPARTMENT WISE BEST PROJECT ★

- ★ Nandana Sunil
- ★ Sneha Alphonso Francis



TOPPER (RA)

Sneha
Alphonso
Francis



BEST OUTGOING
STUDENT (RA)

Sneha
Alphonso
Francis

FACULTY ACHIEVEMENT





**DOMAIN
CERTIFICATE**

This is to certify that



DR ATHIRA M

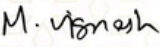
has successfully completed all the requirements for SWAYAM-NPTEL Domain Certification in

Robotics
(Mechanical Engineering)

The courses were completed in the period: **April 2026**



Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM



Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Roll No: **NPTELDS26100000751**

To validate and check scores:
<https://nptel.ac.in/noc>



Course Details

Course Type	Course Name	Duration	Offering Institute	Course Timeline	Marks Obtained (Out of 100)	QR Code
Core	Robotics	8 weeks	IIT Kharagpur	Jul-Sep 2025	79	
Core	Wheeled Mobile Robots	8 weeks	IIT Madras IIT Palakkad	Jan-Mar 2025	68	
Elective	Sensors and Actuators	12 weeks	IISc Bangalore	Jan-Apr 2025	76	
Elective	Fundamentals of Artificial Intelligence	12 weeks	IIT Guwahati	Jul-Oct 2025	75	
Elective	Collaborative Robots (COBOTS): Theory and Practice	8 weeks	IIT-ISM Dhanbad	Feb-Apr 2026	80	
Elective	Microrobotics	12 weeks	IIT Indore	Jul-Oct 2025	75	
Elective	Modelling And Simulation Of Dynamic Systems	8 weeks	IIT Roorkee	Feb-Apr 2026	66	
Total Marks					519	

Criteria for certification in Robotics Domain:
The candidate should complete the prescribed 2 core courses and 5 elective courses:

- Scoring a minimum of ≥ 55 marks in each course and should pass the courses too.
- Average of all courses in the domain should be ≥ 60 .
- Sum of the duration of the courses should be ≥ 50 weeks.

Domain Certificates



The Department of Robotics and Automation proudly congratulates Dr. Athira M on successfully earning the prestigious SWAYAM-NPTEL Domain Certification in Robotics (Mechanical Engineering). The certification was awarded after the successful completion of a series of NPTEL courses offered by premier IITs, including Robotics, Wheeled Mobile Robots, Sensors and Actuators, Fundamentals of Artificial Intelligence, Collaborative Robots (COBOTS), Microrobotics, and Modelling and Simulation of Dynamic Systems. This remarkable achievement reflects Dr. Athira M's commitment to continuous professional development and excellence in robotics education and research. We extend our heartfelt congratulations and wish her continued success in her academic and research endeavors.

Prof. Ravi Balakrishnan

Elected as President of the ISA

Bengaluru Section

The Department of Robotics and Automation, Adi Shankara Institute of Engineering and Technology (ASIET), proudly congratulates Prof. Ravi Balakrishnan on being elected as the President of the ISA Bengaluru Section for the upcoming term.

This prestigious appointment is a testament to his outstanding leadership, professional excellence, and valuable contributions to the fields of automation, instrumentation, and engineering education. His achievement is a matter of great pride for the department and the institution.

The entire ASIET family extends its heartfelt congratulations to Prof. Ravi Balakrishnan and wishes him a successful and impactful tenure as President of the ISA Bengaluru Section. We are confident that his leadership will further strengthen the engineering community and inspire future generations of engineers.



**Ravi
Balakrishnan**
Adjunct Professor

FOOTBALL HUNGAMA

WORLD CUP FEVER HITS ADISHANKARA

DEPARTMENT OF ROBOTICS AND AUTOMATION WINS PRIZE IN INTER-DEPARTMENT FOOTBALL HUNGAMA

SPORTS ACHIVEMENT



The Department of Robotics and Automation proudly celebrates the outstanding performance of its men faculty team, who secured a prize in the Inter-Department Staff Football Hungama – Shootout Competition held at ASIET Centre Courtyard on 12 June 2026.

The event witnessed enthusiastic participation from faculty members across various departments, promoting teamwork, sportsmanship, and camaraderie. The Robotics and Automation faculty team showcased exceptional coordination, determination, and skill throughout the competition, earning well-deserved recognition for their impressive performance.



Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY

25
YEARS
OF EXCELLENCE

Celebrating
**25 YEARS OF
EXCELLENCE IN
EDUCATION**

Cultural Highlights

ROBOTICS AND AUTOMATION FACULTY ENTHRALLS AUDIENCE AT GRAND STAFF GET-TOGETHER

A MELODIOUS PERFORMANCE THAT CAPTURED HEARTS!



As part of the **25th Anniversary** Grand Staff Get-Together of Adi Shankara Group of Institutions, the faculty members of the **Department of Robotics and Automation** delivered a memorable group song performance during the cultural programme.



Their soulful rendition and excellent teamwork captivated the audience and added vibrancy to the celebrations. The event was a wonderful platform to showcase artistic talents and strengthen the spirit of unity and camaraderie among colleagues.



The Department takes pride in the enthusiastic participation of its faculty, whose performance contributed to the success of the silver jubilee celebrations and reflected our culture beyond academics.



Heartiest Congratulations
TO THE ROBOTICS AND AUTOMATION FACULTY TEAM!

★ Your harmony inspires. Your teamwork shines! ★

VISION-LANGUAGE-ACTION (VLA) MODELS: THE NEXT GENERATION OF INTELLIGENT ROBOTS

Artificial Intelligence has rapidly evolved from understanding text to interpreting images and generating human-like responses. The latest breakthrough in this journey is the emergence of Vision-Language-Action (VLA) Models, which enable robots to see, understand, and act in the real world. These models combine three essential capabilities—vision, language, and action—allowing machines to perform complex tasks by following natural language instructions.

A VLA model uses cameras to observe the environment, large language models to understand spoken or written commands, and control systems to execute appropriate actions. For example, a robot can understand an instruction like "Pick up the blue box and place it on the table" and complete the task without being explicitly programmed for every step. These models are transforming industries such as manufacturing, healthcare, logistics, and home automation. They enable robots to perform flexible tasks such as sorting packages, assisting patients, supporting warehouse operations, and helping with household activities.



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STAFF EDITORS

DR SREEDEEP KRISHNAN (HOD)

DR JULIA T J

STUDENT EDITORS

GIMNA GIMMY S5 RA

SAYANTH S KUMAR S5 RA

PARVATHY U S3 RA