



Suresh Angadi Education Foundation's
**ANGADI INSTITUTE OF TECHNOLOGY AND
MANAGEMENT**

Savagaon Road, Belagavi – 590 009.

(Approved by AICTE, New Delhi & Affiliated to Visvesvaraya Technological University, Belagavi)

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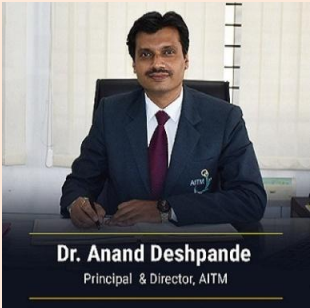
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E- Newsletter



Department of Robotics and Automation Engineering

E – Newsletter | January – May 2026

ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT BELAGAVI - 09		AITM
Head of the Institute	Message	
 <p>Dr. Anand Deshpande Principal & Director, AITM</p>	<p>An Institute is assessed on the basis of the academic ambiance and outcome of the system in terms of performance and achievements of the students and staff in teaching-learning, research, innovation, placements, and results. AITM has been known for its academic credentials coupled with holistic growth in all directions. The new generation of competent minds must imbibe knowledge and practically comprehend the art of balancing brilliant technical, managerial, communication, and interpersonal skills. The Institute has achieved a series of milestones with the help of brilliant students, dedicated staff, and encouraging Management. We promise a wonderful experience of rich academic and excellent facilities coupled with professional practices and blended with an affectionate concern for our students.</p>	
Head of the Department	Message	
 <p>Dr. Pooja V. Anagolkar HOD</p>	<p>Robotics & Automation Engineering is an interdisciplinary program that includes Electrical, Electronics, Computer Science (Artificial Intelligence and Machine Learning), Control and Instrumentation. It opens a door of opportunities for students in the domains of design, construction, application and operation of robots and automation applications. As a robotics engineer, the job role involves designing models, assembling, testing and maintaining robots and the software which controls them. Robotics engineers carry the responsibility of planning, testing and building robots that are sustainable, safe and profitable. The course will enable students to attain expertise in next-generation robotics and automation systems by taking advantage of a comprehensive educational environment, and will prepare a skilled industry workforce as well as expert researchers who can provide significant leadership in a world increasingly dependent on next-generation robots and technology.</p>	

Institute Vision and Mission

Vision:

To become a premier institute committed to academic excellence and global competence for the holistic development of students.

Mission:

- M1: Develop competent human resources, adopt outcome-based education (OBE) and implement cognitive assessment of students.
- M2: Inculcate the traits of global competencies (such as domain expertise, accountability, ethics, problem solving ability, communication skills, leadership qualities and life-long learning) amongst the students.
- M3: Nurture and train our students to have domain knowledge, develop the qualities of global professionals and to have social consciousness for holistic development.

Department Vision and Mission

Vision:

To provide quality education in Robotics and Automation, enabling students to acquire strong technical knowledge, practical skills, and innovative thinking necessary for their overall growth and professional success.

Mission:

- M1: Provide quality education in Robotics and Automation with strong domain knowledge and hands-on skills, delivered by qualified faculty in line with the latest technological advancements.
- M2: Adopt innovative, student-centered teaching methods to nurture analytical thinking, creativity, and problem-solving abilities.
- M3: Create a supportive learning environment that helps students develop professional competence, leadership qualities, ethical values, and a spirit of lifelong learning.

Faculty	Designation	Qualification
Dr. Pooja V. Anagolkar	Professor & HoD	B.E., M.Tech., Ph.D., Postdoc
Dr. Aravind B. Muddebihal	Associate Professor	B.E., M.Tech., Ph.D.
Mr. Suneel K. Nagavi	Assistant Professor	B.E., M.Tech.
Mrs. Shweta Kalkundri	Assistant Professor	B.E., M.Tech.

Highlights: January – May 2026

Industrial Visit to Ashok Iron Works Pvt. Ltd., Plant-III

Industrial Visit | 21 February 2026 · Machhe Industrial Area, Belagavi

Under the Association of Robotics Engineering, students visited Ashok Iron Works Pvt. Ltd., Plant-III, Machhe Industrial Area, Belagavi, on 21 February 2026. They observed casting, machining and quality control processes, and a display of industrial components.

Highlights

- Casting and machining
- Quality control
- Product display of industrial components



Hands-on Workshop on Advanced IoT for Smart Automation

Workshop | 16–17 March 2026 · Association of Robotics Engineering

A hands-on workshop on Advanced IoT for Smart Automation was held on 16–17 March 2026 under the Association of Robotics Engineering, led by Dr. Pooja Anagolkar and coordinated by Prof. Suneel Nagavi. The session was handled by Mr. Ayush Patil. Students learnt Arduino programming, sensor and actuator interfacing and monitoring with Blynk and ThingSpeak, and built basic IoT projects.

Highlights

- Arduino programming and sensor interfacing
- Monitoring with Blynk and ThingSpeak
- Students built basic IoT projects



AICTE–MoE National Bootcamp (IDE Edition 3, Phase-I)

Student Achievement | 6–10 April 2026 · GITAM University, Bengaluru

Team “FireGuard Innovators” represented AITM at the AICTE–MoE IDE Bootcamp Edition 3, Phase-I, held at GITAM University, Bengaluru, on 6–10 April 2026. The team comprised Tanisha Ingale, Rutuja Chavan, Aditi Yadav, Shraddha Kurade and Darshana Koli, mentored by Dr. Pooja Anagolkar. The bootcamp covered idea validation, business models, design thinking and prototyping, and was organised under AICTE, MoE’s Innovation Cell and the Wadhvani Foundation.

Highlights

- Team: FireGuard Innovators
- Idea validation, design thinking and prototyping
- Mentor: Dr. Pooja Anagolkar



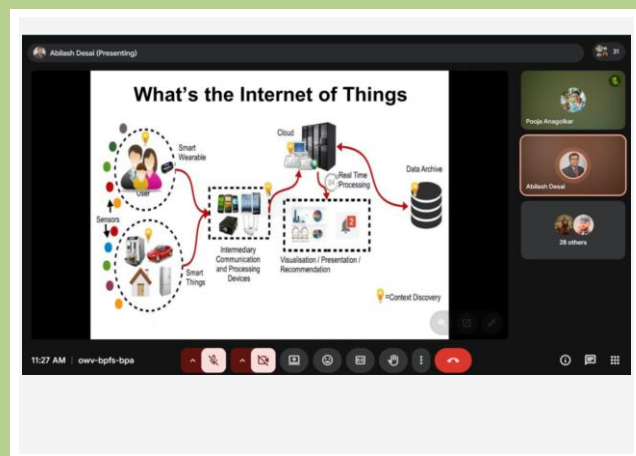
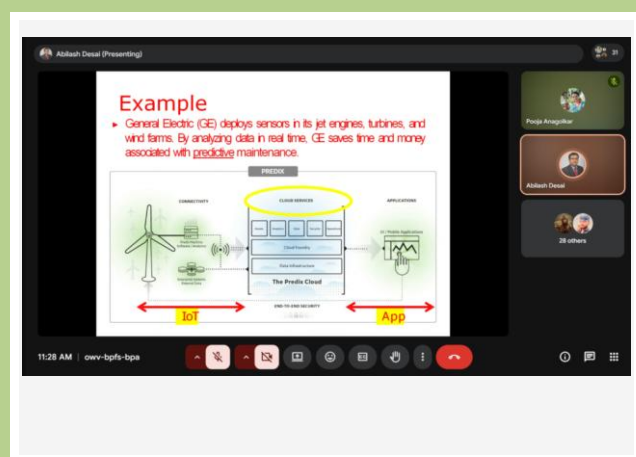
Technical Talk: "Internet of Things (IoT): Connecting the Physical & Digital World"

Technical Talk | 15 May 2026 · Online

An online technical talk was delivered on 15 May 2026 by Dr. Abhilash Desai, Professor, SDM College of Engineering & Technology, Dharwad. He covered IoT fundamentals and architecture, sensors and embedded systems, protocols such as MQTT, HTTP and BLE, cloud and edge computing, and smart applications, followed by a live Q&A.

Highlights

- IoT architecture and protocols (MQTT, HTTP, BLE)
- Cloud and edge computing
- Live Q&A



Mr. Manthan Harake Wins Second Prize at YUVA 2026

Student Achievement | May 2026 · Lingaraj College, Belagavi

Mr. Manthan Harake, a 4th-semester student of the department, won second prize in the Solo Dance category at YUVA 2026, organised by KLE Society's College of Business Administration, Lingaraj College, Belagavi.

Highlights

- Category: Solo Dance
- Prize: Second



Semester Toppers

The department congratulates its semester toppers of this period. The toppers' lists published on the department website are shown alongside; the students are felicitated for their consistent academic performance.

Toppers' lists

- 2025-26 · 3rd Semester Toppers

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Department of Robotics and Automation Engineering
3rd Semester Toppers [2025-26]

		
Name: VISHAL A. BHATNAGAR USN: ZAG20RA019 84.22 %	Name: OMKAR S. DHUMALE USN: ZAG20RA018 79.79 %	Name: ADH. HASSAN KHAN USN: ZAG20RA008 79.11 %

Management, Principal & Director, HOD, Faculty Express their Hearty
Congratulations to all Toppers

- 2025-26 · 5th Semester Toppers

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Department of Robotics and Automation Engineering
5th Semester Toppers [2025-26]

		
Name: SHREYAS D. SAVANT USN: ZAG20RA012 89.88%	Name: PRIYANKA USN: ZAG20RA009 89.00%	Name: DARSHANA B. KOLI USN: ZAG20RA004 87.53%

Management, Principal & Director, HOD, Faculty Express their Hearty
Congratulations to all Toppers

- 2025-26 · 7th Semester Toppers

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Department of Robotics and Automation Engineering
7th Semester Toppers [2025-26]

			
Name: TEJASWINI S.Y. USN: ZAG20RA011 86.73%	Name: VINAYAK V.M. USN: ZAG20RA014 86.73%	Name: SHRUTITI BELLAD USN: ZAG20RA012 86.42%	Name: ATUL K. PATEL USN: ZAG20RA002 85.73%

Management, Principal & Director, HOD, Faculty Express their Hearty
Congratulations to all Toppers

Research Activities

- **Journal:** Dr. Aravind Muddebihal – Axial buckling of glass-epoxy composites with fiber waviness and a circular cutout. *Polymer Composites* (SCI, Scopus Q1).
- **Journal:** Dr. Aravind Muddebihal – Non-woven veil effects on interlaminar radial strength of glass-epoxy L-bend composites. *Fracture and Structural Integrity* (Scopus Q2).
- **Student papers (IRJMETS):** AI-based text evaluation; Semi-autonomous road maintenance robot; Wireless landmine detection and tracking robot; Live-stream delivery robot; Agrisaksham Bot; Multilingual voice-based ticket vending system.
- **Research proposal:** VGST-ECRA – deep-learning prediction of tribological properties in additively manufactured samples (19 January 2026, ₹50,00,000).

Newsletter Editors

Dr. Pooja V. Anagolkar, HoD, Department of Robotics & Automation Engineering.

Faculty: Dr. Aravind B. Muddebihal, Mr. Suneel K. Nagavi and Mrs. Shweta Kalkundri,
Department of Robotics & Automation Engineering.

Source: department website – <https://robotics.aitmbgm.ac.in/> · Dr. Suresh C. Angadi Marg, Savagaon
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