



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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E-Newsletter



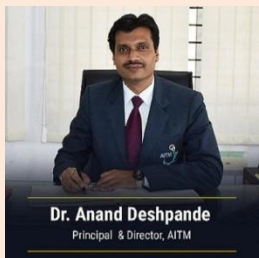
Department of Artificial Intelligence & Data Science

E – Newsletter -2024-25

Volume: 1, Issue 1

Message from: Principal & Director

Dr. Anand Deshpande



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 they should comprehend the art of balancing brilliant technical, managerial communication, and interpersonal skills, nest. 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.

Message from: HOD

Prof. Sagar Birje



Welcome to the Department of Artificial Intelligence and Data Science. AI and DS is the skill of the century and has had a massive impact on the society. AI and DS have seen enormous progress and

significant breakthrough innovations in practically every field over the last decade. Keeping this in mind, the AI and DS Department was established in the year 2020 with the aim of providing leadership in the field of AI & DS Engineering with an intake of 60 students. The Department is focused on delivering innovative and high-quality technical education in the field of Artificial Intelligence and Data Science.

❖ 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 deliver a quality and responsive education in the field of artificial intelligence and data science emphasizing professional skills to face global challenges in the evolving IT paradigm.

Mission:

M1: Leverage multiple pedagogical approaches to impart knowledge on the

current and emerging AI technologies.

M2: Develop an inclusive and holistic ambiance that bolsters problem solving, cognitive abilities and critical thinking.

M3: Enable students to develop trust worthiness, team spirit, understanding law-of-the-land, social behavior to be a global stake holder

several students were honored with awards and prizes for their outstanding contributions.

✚ Department Activities.

Ingenious 2025

On the occasion of 28th February Science Day, students from the Department of Artificial Intelligence and Data Science actively participated in the event “Ingenious-2025.”

The department invited Dr. Vijaya Kalmani, Associate Professor in the Department of Computer Science Engineering, RIT Islampur Maharashtra and Mr. Pawan Kadam, Industrialist from Publicis Sapient as a Project expert. served as a judge for the project exhibition, evaluating the projects based on innovative ideas and their relevance to current societal problem-solving-topics.

The event featured a well-organized Mini and Main Project Exhibition, where students had the opportunity to showcase their innovative ideas and technical skills.

Their enthusiastic participation and creative presentations were highly appreciated, and

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(ACCREDITED BY NBA & NAAC)

A NATIONAL LEVEL TECHNICAL PROJECT COMPETITION
Ingenious' 2025
On the Occasion of National Science Day - 2025

Theme : Social Innovation

Cash Prizes per Group Rs. 40,000/-

Prizes Worth Rs. 2,00,000

Who can Participate :
B.E / B.Tech students

Project Category :
Group A: CS, AI allied branches
Group B: EEE, ECE allied branches
Group C: Civil, Robotics and Mechanical.

Registration Fees
Rs. 400/- Per Project

Rules

- Team up to 4 members allowed.
- Working Projects will be judged as relevant to Theme, Originality & Presentation.
- Necessary items for display are to be brought by the participants.

Perks:

- Winners will get exciting prizes.
- Outstanding Projects will receive attractive cash prizes.
- Certificate will be given to all participants.

Faculty Co-ordinators

Group A Prof. Gunjan Deshpande 9638189928	Group B Prof. Rajendra Chavari 8979214222	Group C Prof. Kiranbhoskar Jure 9526683536
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CONVENOR
Dr. Bhanshree Kulkarni
HOD, CSE & Data Analytics
Prof. Piyanka Patil
Associate Dean Academics

PATRONS
Mr. Raju Joshi
Administrator, N.I.E.T.
Dr. Anand Deshpande
Principal & Director, ATM

CHIEF PATRON
Smt. Manasa Sengupta
Chairperson, N.I.E.T.
Dr. Suresh Patil
Director, I.I.T.M.

Note : Last date for Registration is 15/02/2025
Accommodation is available only for outstation participants

Scan QR For Registration



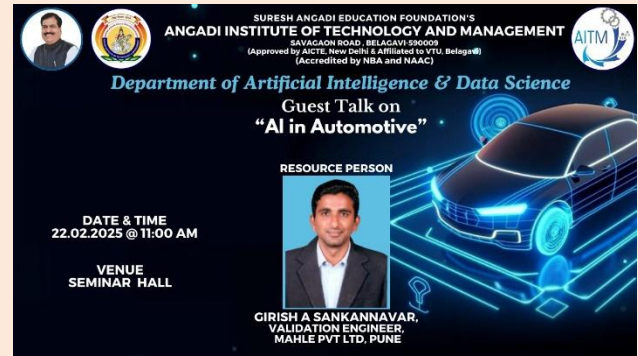
Guest Talk on “AI in Automotive”

The Department of Artificial Intelligence and Data Science (AI & DS) at Angadi Institute of Technology and Management (AITM), Belagavi, successfully organized a guest talk on “AI in Automotive” on February 22, 2025. The session was delivered by Mr. Girish A. Sankannavar, Validation Engineer at Mahle Pvt Ltd, Pune, who shared valuable insights into the transformative role of Artificial Intelligence in the automotive sector.

During his talk, Mr. Sankannavar highlighted the advancements of AI in automotive applications, including autonomous vehicles, predictive maintenance, driver assistance systems, and smart manufacturing. He emphasized how AI-driven innovations are revolutionizing the industry, enhancing vehicle safety, performance, and efficiency. The session provided students with a practical understanding of AI applications in real-world automotive scenarios.

The event was conducted under the guidance of Prof. Sagar Birje, Head of the Department of AI & DS, with active participation from faculty members and students. The session concluded with an engaging Q&A segment, where students interacted with the expert to gain deeper insights into the field.

The event was a great success, equipping students with industry knowledge and inspiring them to explore career opportunities in AI-driven automotive technologies.



Fintech Startup AITM's DhanGuru Recognized Among Top 20 Teams in RBIH's National Challenge

In a remarkable accomplishment, the fintech startup DhanGuru, founded by students from the Department of Artificial Intelligence and Data Science, Angadi Institute of Technology and Management (AITM), Belagavi, has been selected among the Top 20 teams (Top 100 students) out of more than 8000 participating

teams in the prestigious "100 Fintech Entrepreneurs in 100 Days" challenge organized by the Reserve Bank Innovation Hub (RBIH).

The Certification Ceremony took place on March 27, 2025, at the RBIH Office, HSR Layout, Bengaluru, where the team was felicitated for their exceptional contribution to financial innovation and entrepreneurial excellence.

This national-level recognition highlights the team's dedication to building impactful solutions in the ever-evolving fintech sector.

The team members – Sayeed Amaan, Vaishnavi R Babaleshwar, Shreebodh Inamdar, Pratik Chitti, Rohit Jadhav, Yash Mirashi, and Shubham Hulamani – have demonstrated innovation, technical expertise, and a strong entrepreneurial mindset throughout the competition.

This achievement not only brings pride to AITM, but also provides the DhanGuru team with a platform to further scale their fintech startup and contribute meaningfully to the financial ecosystem of India.

The Management, Administrator, Principal & Director, and faculty of AITM congratulated the team on their success and extended their best wishes for future endeavors in the startup ecosystem.



✚ AITM Students Among Top 16 Teams at VTU Emerge-24, Secure Incubation at VRIF

The students of Angadi Institute of Technology and Management (AITM), Belagavi, have achieved a remarkable feat by securing a position among the Top 16 teams at VTU Emerge-24, organized by Visvesvaraya Technological University (VTU) in association with Visvesvaraya Research Innovation Foundation (VRIF) on January 29, 2025.

The AITM team, comprising seven students from the Artificial Intelligence & Data Science (AI & DS) branch, presented their innovative idea "Dhanguru", which earned them incubation support at VRIF, VTU. This achievement is a testament to their ingenuity, problem-solving skills, and dedication to technological innovation.

The winning team members are:

Sayeed Amaan, Vaishnavi R. B. , Rohit Jadhav , Shubham H. , Prateek Chitti , Shreebodh Inamdar , Yash Mirashi

The competition witnessed 88 teams from across Karnataka, making the selection of AITM's team among the top 16 a prestigious accomplishment. Their success at VTU Emerge-24 reflects AITM's commitment to fostering innovation and entrepreneurship among students.

The management, faculty, and students of AITM extend their heartfelt congratulations to the team for their outstanding performance and wish them success in their entrepreneurial journey at VRIF, VTU.



Prof. Sagar Birje Invited as Guest Speaker for Smart School and Career Counseling Session on "Artificial Intelligence" and SSLC Farewell Function at BMV Sulage {Y} Courtyard School

Belagavi, March 11, 2025 – Prof. Sagar Birje, Head of the Department of Artificial Intelligence and Data Science (AI & DS) at Angadi Institute of Technology and Management (AITM), Belagavi, was invited as

a distinguished guest speaker for the Smart School and Career Counseling Session on "Artificial Intelligence" at BMV Sulage {Y} Courtyard School. The event aimed to provide students with insights into the evolving landscape of AI and its applications in various industries.

During his talk, Prof. Sagar Birje elaborated on the significance of Artificial Intelligence in shaping future career opportunities, emphasizing its role in automation, data-driven decision-making, and technological advancements. He also provided guidance on how students can prepare for AI-driven careers by developing critical thinking and problem-solving skills.

In addition to delivering the expert talk, Prof. Birje was also invited as the Guest of Honor for the SSLC Farewell Function at the school. He addressed the outgoing batch, encouraging them to pursue their aspirations with dedication and adaptability in the ever-evolving technological world. His motivational speech inspired students to embrace lifelong learning and innovation in their academic and professional journeys.

The management and faculty of BMV Sulage {Y} Courtyard School extended their gratitude to Prof. Sagar Birje for his valuable insights and encouragement, which left a lasting impact on the students.



✚ Mr. Vaibhav M. Chavan Invited as Resource Person for a Session on "Usage of AI Tools in Software Development"

Mr. Vaibhav M. Chavan, Assistant Professor, Department of Artificial Intelligence and Data Science, Angadi Institute of Technology and Management (AITM), Belagavi, was invited as a resource person at KLE Society's College of BCA, Bailhongal, on Tuesday, March 25, 2025.

Sir delivered an insightful session on "Usage of AI Tools in Software Development," where he provided an in-depth understanding of the latest AI-driven tools and their impact on modern software development. The session aimed to equip students with practical knowledge of AI-powered technologies that enhance software engineering efficiency and innovation.

The event witnessed enthusiastic participation from students and faculty members, who engaged in interactive discussions on the role of artificial intelligence in software development. Mr. Chavan also highlighted real-world

applications and demonstrated various AI tools that streamline coding, debugging, and software deployment processes.

The management of AITM, Belagavi, congratulates Mr. Vaibhav M. Chavan for his valuable contribution and for representing the institute.



- Prof. Sagar Birje, has a copyright on “PROCESS FOR THE DESIGN OF CROP RECOMMENDATION PLATFORM USING MACHINE LEARNING”.
- Prof. Sagar Birje, has completed NPTEL Certification Course of 12 Weeks Title : “ Introduction to Machine Learning ”.
- Prof. Sagar Birje, has completed NPTEL Certification Course of 12 Weeks Title : “Data Science using python”.
- Prof. Chetan Patil attended a one week AICTE Faculty Development Program on “ Internet of Things for Sustainable Development.” organized by SGBIT, Engineering College, Belgaum.

- Prof. Vaibhav Chavan was invited as a resource person for a FDP program in “Machine Learning” by CANARA Engineering College, Mangalore.
- Prof. Vaibhav Chavan was invited as a resource person for a FDP program on “Deep Learning” by SHIVAJI University, Kolhapur, Maharashtra.
 - Students of 6th semester :Mr.Anish Inamdar has successfully completed an FDP on Quantum Computing for Information Processing organized by IEEE Information Theory Society(ITS) Bangalore Chapter.
- Miss. Rakshata Naik, has completed NPTEL Certification Course of 12 Weeks Title : “Introduction to Machine Learning ” and “Data Science using python”.






✚ KSCST 48th Series

Five of the current final year B.E. students’ project has been selected for 48th series Student Project Programme of Karnataka State Council for Science and Technology for sponsorship. A total of INR 14000 has been approved.

- ❖ The Project Titled “**Recognition of Driving License from Vehicle Number Plate Using Deep Learning**” under the guidance of Prof. Dattatreya Choudhari with reference of 48S_BE_4727.
- ❖ The Project Titled “**Automated White Blood Cancer Detection from Bone Marrow Using CNN**” under the guidance of Prof. Vaibhav Chavan with reference 48S_BE_4989.
- ❖ The Project Titled “**Agri Tech-AI-Driven Plant Identification, Agricultural Assistance**

“(Chatbot) with Docker Enabled Deployment” under the guidance of Prof. Sagar Birje with reference 48S_BE_5214.

- ❖ The Project Titled “**Cloud Storage DE-Duplication with Enhance Security**” under the guidance of Prof. Vaibhav Chavan with reference 48S_BE_5336.
- ❖ The Project Titled “**SPEAKSYNC-Transforming lip Movements in to Text With AI Precision**” under the guidance of Prof. Sagar Birje with reference 48S_BE_5434.

Editorial Team	
Chief Editor	
	<i>Prof. Sagar Birje, HOD</i> <i>Department of Artificial Intelligence and Data Science</i>
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	<i>Prof. Chetan S. Patil</i> <i>Assistant Professor,</i> <i>Department of Artificial Intelligence and Data Science</i>
	<i>Prof. Vaibhav Chavan</i> <i>Assistant Professor</i> <i>Department of Artificial Intelligence and Data Science</i>
Student Coordinators	
	<i>Mr. Anish Inamdar</i> <i>Student Coordinator</i> <i>Department of Artificial Intelligence and Data Science</i>
	<i>Miss. Aishwaraya Byati</i> <i>Student Coordinator</i> <i>Department of Artificial Intelligence and Data Science</i>

About the Department

The Department of Artificial Intelligence and Data Science at AITM, Belagavi, was established in 2020, marking the beginning of our commitment to delivering exceptional education in Artificial Intelligence and Data Science.

AITM