



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 Computer Science & Engineering

Third Quarter E – Newsletter -2024

Head of the Institute	Message
 <p data-bbox="256 615 505 682">Dr. Anand Deshpande Principal & Director, AITM</p>	<p data-bbox="646 199 1466 751">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.</p>
Head of the Department	Message
 <p data-bbox="207 1465 570 1533">Dr. Dhanashree Kulkarni HOD</p>	<p data-bbox="646 951 1466 1465">Welcome to the Department of Computer Science and Engineering. In this department we create future computer engineers and responsible citizens. Here, a student gets the opportunity to excel in his academic activities. This is one of the very few departments where undergraduate students publish papers in international journals. At the same time, a student wishing to achieve some recognition in extra-curricular or co-curricular activities will also find the atmosphere helpful. The Department of Computer Science provides an environment to students motivating them to adopt a “want to learn” culture through state of art infrastructure. We offer the best teaching methodologies through class room and laboratory exercises and cultivate a mind-set among students to be inquisitive.</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 impart quality education in Computer Science and Engineering with emphasis on professional skills to meet the global challenges in IT paradigm.

Mission:

- M1: Impart knowledge in current and emerging computing technologies by adopting various pedagogical approaches.
- M2: Develop a conducive environment to inculcate and nurture analytical and communication skills along with societal and ethical responsibility in all professional endeavors.
- M3: Enable students to be successful globally by being effective problem solvers and life-long learners.

Faculty Achievement

We feel proud to announce that Mr. Gajendra Deshpande, Assistant Professor in the Department of Computer Science and Engineering at Angadi Institute of Technology and Management (AITM), Belagavi, have been invited to present a technical talk at JuliaCon 2024.

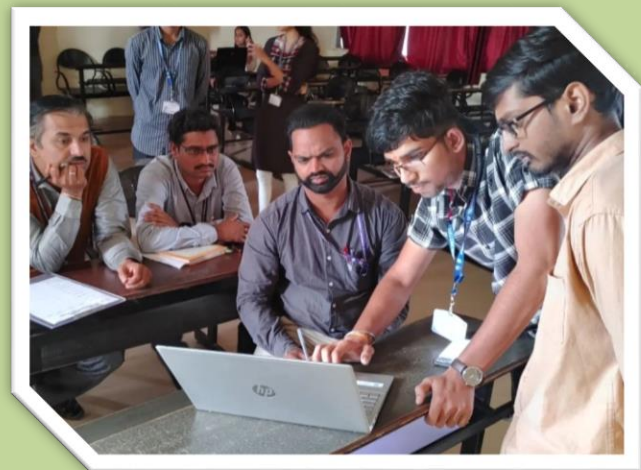
JuliaCon 2024 is a highly esteemed conference in the field of computing, held this year at the iconic Philips Stadion in the Netherlands. This event gathers experts, researchers, and enthusiasts from around the world to discuss the latest advancements and innovations in the Julia programming language and its applications.

We extend our heartfelt congratulations to Mr. Gajendra Deshpande for this remarkable achievement. We are confident that their contributions at JuliaCon 2024 will inspire and influence many in the global scientific community. We wish them the very best in their journey to the Netherlands and in their presentation at JuliaCon 2024. Their success is a proud moment for AITM and a testament to the institution's commitment to academic excellence and innovation.

Web Design Fest

Angadi Institute of Technology and Management (AITM), in collaboration with the ACM Chapter and the Coding Club, hosted the highly anticipated Web Design Fest. This event provided a dynamic platform for AITM students to exhibit their web design talents and innovative thinking.

The Web Design Fest witnessed enthusiastic participation from students across various disciplines. Participants showcased their meticulously designed and creatively inspired websites, demonstrating exceptional technical skills. The event underscored AITM's commitment to fostering a culture of innovation and creativity among its student body.



Judges for the event were Prof. Sagar Birje, HOD, AI&DS, Prof. Gautam Dematti and Prof. Vilas Jarali.

Parents Meet

The Department of Computer Science & Engineering at Angadi Institute of Technology and Management (AITM), Belagavi, successfully organized Parents Meet 2024 on July 13, 2024, at 11:00 AM. The event was conducted in the presence of Dr. Dhanashree Kulkarni, Head of the Department (HOD) of Computer Science & Engineering and Dean of Academics, along with the faculty, students, and parents.

During the meeting, Dr. Dhanashree Kulkarni addressed the parents on various aspects of the department, including its strengths, student achievements, departmental activities, placement details, facilities available in the department, and the internal assessment marks of their wards.

The primary objective of the Parents Meet was to provide parents with a comprehensive understanding of their ward's academic performance, attendance, and the various initiatives and facilities offered by the department. Additionally, it aimed to highlight student achievements and placement records.

The event fostered a collaborative environment where parents, faculty, and students could interact and discuss the academic progress and overall development of the students. The department looks



forward to continued support and engagement from the parents to enhance the educational experience of the students.

Two Days Training on "Software Design and Testing"

The Department of Computer Science and Engineering at Angadi Institute of Technology and Management (AITM) successfully organized a two-days training program on "Software Design and Testing" for the students of the 6th Semester on July 22nd and 23rd, 2024.

This comprehensive training program was meticulously designed to cover the fundamentals of software development, including designing and modeling using Unified Modeling Language (UML) and the application of various software testing tools. By integrating expertise from both academia and the industry, the program aimed to enhance the students' skills, preparing them to meet industry standards and expectations.

Mr. Srinivasan Desikan, Managing Director of QualPlayers and the renowned author of the best-selling book "Software Testing: Principles and Practices," was the primary resource person for the event. His extensive industry experience and profound knowledge significantly enriched the training sessions.

Alongside him, Prof. Gautam Dematti and Prof. Rudrayya Y, Assistant Professors from the Department of Computer Science and Engineering at AITM, contributed their academic expertise to the program.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

2-DAYS TRAINING ON
SOFTWARE DESIGN & TESTING

Resource Persons

Prof. Gautam Dematti
Assistant Professor,
AITM, Belagavi

Mr. Sreenivasan Desikan
Managing Director,
QualPlayers

Prof. Rudrayya Y
Assistant Professor,
AITM, Belagavi

Register Now:



Expert Talk on "Microcontrollers: Architecture & its Features"

The Department of Computer Science and Engineering at Angadi Institute of Technology and Management (AITM), Belagavi, successfully organized an expert talk on "Microcontrollers: Architecture & its Features." The session was held on the 2nd of August 2024 and featured Dr. G. R. Udupi, a distinguished Professor from the Department of Electronics and Communication Engineering, AITM, Belagavi, as the keynote speaker.

The talk was aimed at providing in-depth knowledge of microcontroller architecture and its various features, an essential subject for students pursuing studies in the field of Computer Science and Engineering. Dr. G. R. Udupi, with his vast experience and expertise, offered valuable insights into the fundamental and advanced aspects of microcontrollers, fostering a deeper understanding of the subject among the attendees.



Student Achievement

AITM students Participate in KSCST State Level Poster Presentation and Exhibition at Sharnbasva University, Kalaburgi

Angadi Institute of Technology and Management (AITM), Belagavi, proudly announces that three of its student projects were showcased at the Karnataka State Council for Science and Technology (KSCST) State Level Poster Presentation and Exhibition. The prestigious event

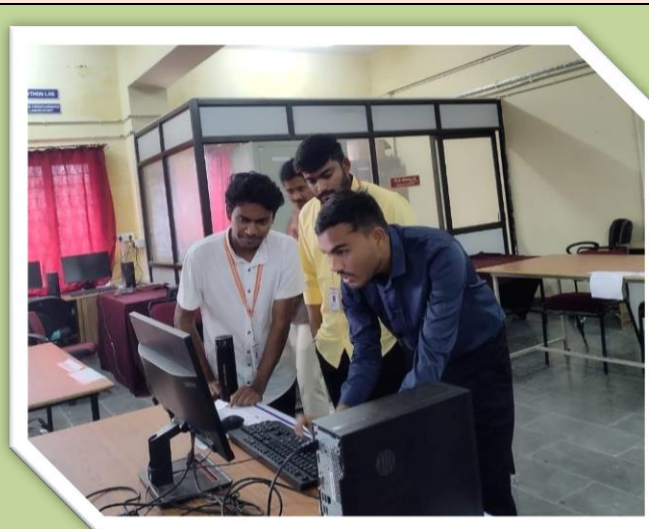


took place at Sharnbasva University, Kalaburgi, on the 9th and 10th of August, 2024.

The projects presented reflect the innovation and technical prowess of AITM students across various fields of study:

"Smart Glasses for Visually Impaired People" Developed by Mr. Vijaykumar R., Ms. Akshata Teggi, Ms. Divya S. Guddamani, and Ms. Laxmi C. Naik under the guidance of Prof. Gautam Dematti, this innovative project presented a technology-driven solution to aid visually impaired individuals. The smart glasses are designed to enhance the user's sensory perception, thereby improving their ability to navigate their surroundings.

The AITM team's participation in this state-level event not only highlights the institute's commitment to fostering innovative thinking but also underscores the caliber of its students and faculty in contributing to cutting-edge technological advancements.



Induction Program for 3rd Semester Students

The Department of Computer Science and Engineering at Angadi Institute of Technology and Management (AITM) organized an insightful induction program for the 3rd semester students as they embarked on their journey within the core domain of Computer Science and Engineering. The event was held on 30th August 2024, bringing together students, and faculty members to orient and prepare the students for the academic challenges and opportunities ahead.

The induction program was a significant step in welcoming the 3rd semester students into the Department of Computer Science and Engineering at AITM, setting the stage for their academic and professional growth in the field of engineering.



Internal Smart India Hackathon (SIH) 2024

The Department of Computer Science and Engineering, Angadi Institute of Technology and Management-AITM successfully wrapped up an incredible round of innovation and creativity at the Internal Smart India Hackathon on 3rd September 2024.

Smart India Hackathon 2024 (SIH2024) is a nationwide initiative to provide students a platform to solve some of the most pressing challenges faced in everyday life and thus foster a culture of innovation and practical problem-solving. Through the SIH2024, the Ministry of Education's Innovation Cell (MIC) tries to crowdsource solutions for improving governance and quality of life, offers students an opportunity to showcase their skills, and encourages collaboration with industry experts, government agencies, and other stakeholders.

Students from various disciplines came together to tackle real-world problems with their cutting-edge solutions. Throughout intense brainstorming sessions, coding marathons, and prototype developments, teams showcased their technical skills and out-of-the-box thinking. 19 talented teams from across the campus competed with innovative solutions to real-world challenges.



Faculty Development Program on "Research Publication and Ethics"

The Department of Computer Science and Engineering at Angadi Institute of Technology and Management (AITM), Belagavi, in association with the AITM ACM Chapter, successfully organized a Faculty Development Program (FDP) on "Research Publication and Ethics." The event, aimed at enhancing knowledge on critical aspects of research practices, was held on 23rd September, 2024.

Day 1: The FDP featured in-depth discussions on the significance of research publications, ethical practices in research, and avenues for securing research funding. The session was conducted by



the esteemed resource person, Dr. T. Ram Prabhu, Joint Director and Scientist at DRDO, Bengaluru, who provided valuable insights into maintaining high standards in academic research. Sir emphasized the importance of research funding and highlighted various schemes and opportunities available to researchers for securing financial support for their projects.

The event concluded on a high note, with participants gaining deeper insights into research methodologies and the ethical responsibilities integral to scholarly work.

Day 2: The program featured two insightful sessions:

- Session I: “Research Ethics and Plagiarism” by Dr. D. H. Rao, Academic Advisor at AITM, focused on the critical importance of maintaining integrity in research, addressing issues of plagiarism, and adhering to ethical standards in academic publishing.
- Session II: “Mastering Journal Paper Writing: Strategies for Success” by Dr. Pooja Angolkar, Head of the Department of Robotics and Automation at AITM, offered practical insights into writing successful research papers, providing valuable strategies for faculty members aiming to publish in high-impact journals.



Faculty Achievement

Prof. Manjunath Patil from the Department of Computer Science and Engineering at Angadi Institute of Technology and Management (AITM), Belagavi, has achieved a remarkable milestone by winning the 3rd prize in the 3rd edition of the Badminton Premier League (BPL-3) 2024!

The prestigious tournament, organized by the Belagavi District Badminton Association (BDBA), was held on September 28 and 29, 2024, and saw enthusiastic participation from 70 highly skilled players. The event was inaugurated by Sri Iada Martin Marbaniang, the Police Commissioner of Belagavi, who praised the event for fostering sportsmanship and athletic excellence in the district.



Newsletter Editors

Dr. Dhanashree Kulkarni, HoD Department of Computer Science & Engineering.

Mr. Gautam Dematti, Assistant Professor, Department of CSE.

Ms. Dhanashree, Ms. Khushi Lad, Mr. Karan Patil, Mr. Amit Ingale.

Student Coordinator, Department of Computer Science & Engineering.