



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)

Accredited by *NBA & NAAC



DRISHTI

E - Newsletter



***Department of Civil Engineering**

E – Newsletter 2024-25
Second Quarter

Head of the Institute	Message
 <p data-bbox="211 567 508 640">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.</p> <p>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.</p> <p>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="191 1480 524 1564">Prof. Sagar Belgaonkar M. Tech, (Ph. D)</p>	<p>Welcome to the Department of Civil Engineering.</p> <p>We as a department are dedicated to disseminating knowledge across the broad fields of civil engineering. Our aim is to educate students in the capacity to analyse, design and interpret outcomes of specific domain to inculcate professional competence, personal and interpersonal skills to groom students to become globally competent. The department adopts outcome based education [OBE] concept and follows Choice Based Credit System [CBCS] in its teaching –learning- evaluation process.</p> <p>Our department houses three dynamic divisions: Undergraduate, Post Graduate and Research centre, which explores the interplay between Technical, Practical, experiential, collaborative teaching and learning experiences, which prepares students for careers in broad fields of civil engineering.</p> <p>The dedication of our faculty and the enthusiasm of our students continue to inspire me as head of this vibrant department. Our collective effort to educate students who are prepared to engage with society effectively and succeed in their professional endeavours makes me proud.</p> <p>I encourage you to explore our Department and discover the diverse educational opportunities that are available to both undergraduate and graduate students. If you want to get closer to our departmental pursuits or have any inquiries about our initiatives, feel comfortable</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 the field of Civil Engineering and to develop competent engineers with a global perspective.

Mission

M1: Adopt relevant pedagogical approaches supported by the adequate infrastructure.

M2: Instill ability amongst students to collect data, experiment, analyze, design and interpret the outcomes concerned with the specific domain.

M3: Inculcate professional competence, personal and inter personal skills to groom students to become globally competent.

VENCER 2K25

Civil Engineering Department organized the different events under the Techno cultural Fest Vencer 2k25. Vencer cultural fest which is conducted every year in even semester, the fest is mainly focusing on exploring the hidden talent in budding engineers. Events held during VENCER 2025:

1) STACK HEAVEN (CARD STRUCTURE):

- No. of participants: 02
- Prize amount: Rs. 200
- Venue: GT lab

The “structures with cards” game, likely referring to building structures or towers using playing cards, aims to create a stable and visually appealing structure by strategically placing cards on top of each other, often with the goal of achieving a certain height or shape.

2) TERRAPASS (BRICK RELAY):

- No. of participants: 04
 - Prize amount: Rs. 300
 - Venue: Car parking ground.
- Relay event on bricks on round based.

3) PICTOGRAM X (PICTURE PUZZLE):

- No. of participants: 02
- Prize amount: Rs. 200
- Venue: GT lab

A picture puzzle (with context, sometimes just jigsaw or just puzzle) is a tiling puzzle that requires the assembly of often irregularly shaped interlocking and mosaicked pieces. Typically each piece has a portion of a picture, which is completed by solving the puzzle.

4) GRIDLOCK QUEST (ROUND 2 QUESTS):



- No. of participants: 04
 - Prize amount: Rs. 300
 - Venue: Car parking ground.
- “Round to Stuck” describes a situation where a game, especially one with round based gameplay (like a game with multiple stages), where players have to clear each rounds to unlock next round.



IIRS-ISRO Outreach Program On “Space Exploration Technology: An Overview”

The Department of Civil Engineering AITM, successfully organized the IIRS-ISRO Outreach Program On “Space Exploration Technology: An Overview ” from 21 April 2025 to 25 April 2025. Under the supervision of Mr. Sagar L Belgaonkar, Coordinator and Mr.

Ravi B Tilaganji Associate Coordinator for IIRS ISRO DLP Courses.

Mr. Sagar L. Belgaonkar HOD, Mr. Ravi Tilaganji Asst. Prof. and Mr. Gopal Surapalli Assoc. Prof. Mr. Ashok Hipparagi and Ms. Bharati Kulkarni Asst. Prof. Department of Civil Engineering along with students were a part of IIRS-ISRO Outreach Program.

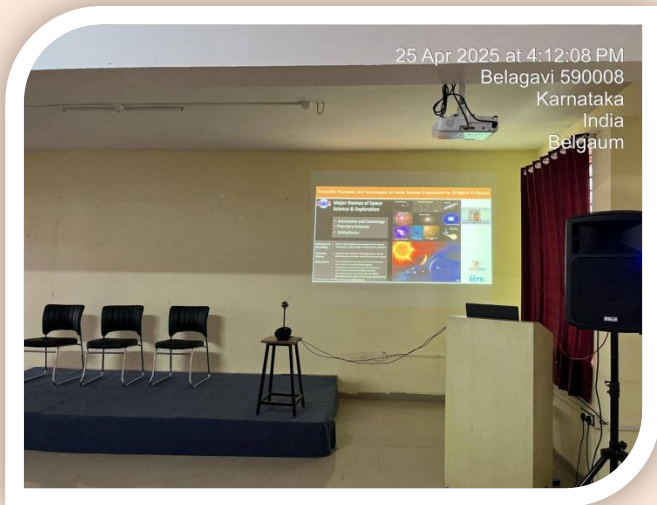
Faculty from other departments as well as students were also a part this IIRS-ISRO Outreach Program.

Total number of registration for this Program were 48.

Day 1: 21/04/2025

Space Science: A basic introduction

The session was about Concept of space realms of space science ground-based



vis-à-vis space-based space exploration in-situ and remote sensing techniques messengers to study outer Space by Dr. Tirtha Pratim

Das, Director, SPO,

ISRO HQ

Day 3: 23/04/2025

Space Technology: Spacecraft Systems

The session was about Why satellites types of orbits and their features basic subsystems in a satellite, concept of a satellite bus satellite propulsion system concepts of small satellites by Shri Avinash M Director URSC.

Day 4: 24/04/2025

Ground Stations for Space Exploration

The session was informative about Role of ground stations in space exploration, components of a ground station, Telemetry-TelecommandTracking and Data Management in ground stationsby Mrs. Nandini Harinath Director ISTRAC

Day 5: 25/04/2025

Space Technology: Space Transportation Systems

The session focused on Need to access the space momentum conservation and rocket equation concept of a simple rocket sounding rocket vis-à-vis satellite launch vehicles need for multistage vehicles basic ideas of propulsionsystem,TelemetryTracking-Command System Navigation-Guidance-Control System Reusablelaunch vehicles by Shri Anurup, ISRO,

Director, STPO, HQ

Scientific Payloads and Techniques for Solar System Exploration

The session provided information about



23 Apr 2025 at 4:13:33 PM
Belagavi 590008
Karnataka
India
Belgaum

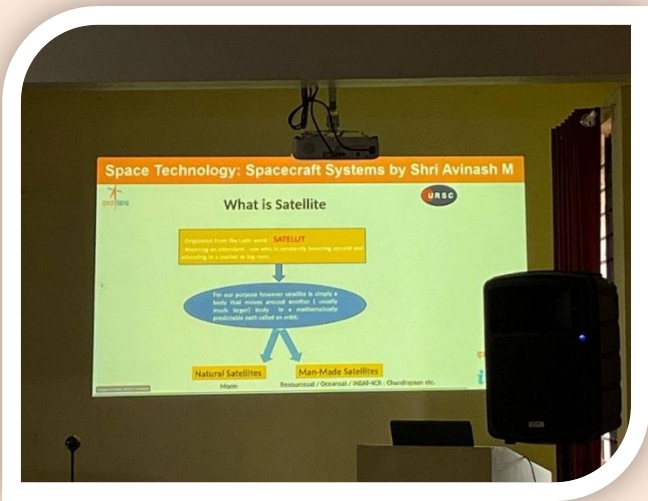


23 Apr 2025 at 4:06:17 PM
Belagavi 590008
Karnataka
India
Belgaum

insitu and Remote Sensing Techniques examples of each type Comparison between the techniques Roles of instrumentation and computation in overall techniques importance of inversion techniques in generating higher levels of scientific data by Dr. Mehul Pandya,

SAC.

We Thank the Management, Principal & Director, Dean Academics, IQAC, Training and Placement officers, all HODs, Faculties of Department of Civil Engineering and Participants for giving us opportunity to host, Organize the IIRS ISRO Outreach Program at AITM.



Parents Meet

Parents Meet Hosted by the Department of Civil Engineering at AITM

The Department of Civil Engineering at Angadi Institute of Technology and Management (AITM), Belagavi, successfully conducted a Parents Meet on May 17, 2025, at the institute’s Seminar Hall No 1. The primary objective of the gathering was to build a strong connection between the department and parents by encouraging open dialogue about students’ academic journeys and overall development.

The event began with a warm welcome speech by Mrs. Shruti Umare Assistant Professor. This was followed by an insightful presentation from Prof. Sagar L. Belgaonkar, Head of the Department of Civil Engineering, who offered a detailed overview department’s accreditation process. Sir also highlighted the achievements of students in academics, technical competitions, extracurricular engagements and placements.

He also elaborated on the department’s



ongoing initiatives such as skill-building workshops, industrial visits, expert lectures, and certification programs that support students all-round growth. Performance statistics and academic progress of students for the academic year 2024–25 were shared with the attendees.

Prof. Ravi B Tilaganji highlighted about the academic year for the students of second and third year. Prof. Ashok Hipparagi explained about the Technical Project and seminars for students and Prof. Bharati Kulkarni highlighted about the events conducted in the academic year 2024-2025.

Dr. B T Suresh Babu Professor, highlighted about the importance of Masters and the P. G. Program of Civil Department.

Special thanks to all the Faculties for their contributions and the non-teaching staff for the arrangements.

The session concluded with a vote of thanks by Prof. Bharati Kulkarni and the entire session was anchored by Prof. Shruti Umare.

The Department of Civil Engineering extends heartfelt thanks to the Management, Principal and Director Dr. Anand Deshpande and Head of Department Prof. Sagar Belgaonkar for their constant support.



World Environment Day

World Environment Day celebrated by Department of Civil Engineering AITM, Belagavi on 5 th June 2025.

Let us come together to protect, preserve, and restore our planet — for us and for generations to come.



Students Achievements

Graduation Day

The students of Department of Civil Engineering were awarded with the Certificate of Degree Completion from Smt. Mangal Suresh Angadi Madam Former Member of Parliament and Chairperson SAEF in 1st June 2025.



Project competition

Congratulations to Suprit Khanapur
We are proud to announce that Suprit Khanapur, a 6th semester student from the Department of Civil Engineering, Angadi Institute of Technology and Management (AITM), Belagavi, has secured First Prize in the Bridge making event organized by VSMSRKIT College, Nipani.
Your achievement brings pride to AITM. Keep up the great work and continue to excel!



KSCST

Congratulations 🎉

It is a proud moment for Department of Civil Engineering AITM, as the Project entitled **COST EFFECTIVE BRIDGE FOR RURAL CONNECTIVITY** under the guidance of Mr. Sagar L Belgaonkar and Mr. Ravi Tilaganji with students Mr. Rohit H, Miss Tulsi D, Mr. Balesh K and Mr. Tanveer L has been selected for Poster Presentation under State Level poster presentation and exhibition which is to be held on 1st and 2nd August 2025 at Jawaharlal Nehru New College of Engineering Shivamogga

48 th series of Student Project Programme (SPP): 2024-25							
List of Projects Selected for State Level Poster Presentation and Exhibition to be held at Jawaharlal Nehru New College of Engineering, Shivamogga on 1 st and 2 nd August 2025							
13. ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAVI							
Sr. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SELECTED FOR
32.	48S_BE_4989	AUTOMATED WHITE BLOOD CANCER DETECTION FROM BONE MARROW USING CNN	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Prof. VAIBHAV CHAVAN Prof. DATTATREYA CHOUDHARI	Ms. RADHIKA BHANGI Ms. SUSANTI MUDDI Ms. POOJA K K Ms. ACHALJANAMATTI	Exhibition
33.	48S_BE_5336	CLOUD STORAGE DE-DUPLICATION WITH ENHANCED SECURITY	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Prof. VAIBHAV CHAUHAN	Ms. AASHNA KUNNIBHAVI Mr. CHITAN WADEKAR Ms. MONIKA M Mr. SWAPNIL NIPPANKAR	Poster Presentation
34.	48S_BE_5434	SPEAKSYNC - TRANSFORMING LIP MOVEMENTS INTO TEXT WITH AI PRECISION.	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Prof. SAGAR BIRU	Mr. PRASAD A NANDESANVAR Ms. BHAVANA KALLOU Mr. DANAPPA DAYAPANNANAVAR Ms. NEELAMBKA FATAKAL	Exhibition
35.	48S_BE_4842	COST EFFECTIVE BRIDGE FOR RURAL CONNECTIVITY	B.E.	CIVIL ENGINEERING	Mr. SAGAR L BELGAONKAR Mr. RAVI S. TILAGANJI	Mr. ROHIT V. HALAKI Ms. TULSI P. DHOTRE Mr. BALESH M. KULLUR Mr. TANVEER LASHKARI	Poster Presentation



KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
Indian Institute of Science Campus, Bengaluru – 560 012
Website: www.kscst.org.in | Email: spp@kscst.org.in | Tel: 080-2334 1652/2334 8648/4945

48th series of Student Project Programme (SPP): 2024-25

List of Projects Selected for State Level Poster Presentation and Exhibition to be held at Jawaharlal Nehru New College of Engineering, Shivamogga on 1st and 2nd August 2025

36.	48S_BE_4780	SMART EDUCATIONAL ECOSYSTEM WITH AUTOMATED MONITORING AND COLLABORATIVE TOOLS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VILAS JARAJI	Mr. YUGANT D. KOLUGEKAR Mr. PRAMOD TOPANNAVAR Mr. PRATHAMESH MANOHAR KUMBAR Mr. SIDDHAPPA IRAPPA TOTAGER	Exhibition
37.	48S_BE_4484	RECYCLING PLASTIC BOTTLES INTO SUSTAINABLE 3D PRINTING FILAMENT AND ELECTRICAL INSULATOR MATERIAL	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. VINAY PATTANASHETTI	Mr. SANDESH A. MANTRI Mr. SHEVABASAYYA MATHAD Mr. AMAN WANKAR Ms. DEEPTHI KURBET	Exhibition

Note: The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), ISC. Please acknowledge in the Project Completion Report.

Editorial Team

Chief Editor



Prof. Sagar L. B.
HOD

Department of Civil
Engineering

Members



Mrs Shruti A. Umare
Assistant Professor

Department of Civil
Engineering



Miss Bharati V. Kulkarni
Assistant Professor

Department of Civil
Engineering

Student Coordinators



Mr. Parth Patil
Student Coordinator

Department of Civil Engineering



Mr. Suprit Khanapur
Student Coordinator

Department of Civil Engineering



Miss. Vandana Sidnal
Student Coordinator

Department of Civil Engineering