



|| Jai Sri Gurudev ||
Sri Adichunchanagiri Shikshana Trust ®



SJB Institute of Technology

An Autonomous Institution under Visvesvaraya Technological University, Belagavi

Department of Artificial Intelligence and Machine Learning

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SJB INSTITUTE OF TECHNOLOGY



Department of AI & ML

ABOUT AIML

AI is one of the most disruptive technologies impacting the future of every industry and mankind. AI driven technology has been instrumental in reinventing human lifestyle and demand for engineers trained in these technologies is rapidly growing. This graduate program, has a comprehensive coverage of applied and statistical methods used in Machine Learning and Artificial Intelligence while preparing students to experiment, analyze and design solutions to problems. The curriculum allows students to imbibe strong theoretical, technical and design skills which will provide an edge for them in developing competence needed to master strategies in Machine Learning applications and data management. Overall, the comprehensive industry oriented curriculum along with project and application based learning pedagogy coupled with mentoring from highly experienced faculty will make the students industry ready.



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Dr. Puttaraju
Academic Director,
BGS & SJB Group of Institutions

Our esteemed Academic Director, a trailblazer in education and research, whose vision is advance SJBIT 2.0 — a future-focused transformation rooted in innovation, global partnerships, and academic excellence.

With decades of leadership and a passion for progress, your guidance inspires us to think bigger, aim higher, and lead with purpose.

Your commitment to empower young minds resonates deeply with our department's mission. We look forward to growing under your insightful direction and bold vision.

Our respected Principal, a true visionary whose leadership continues to shape SJB Institute of Technology into a hub of innovation and excellence.

By introducing digital classrooms equipped with high-speed Wi-Fi, we are at the forefront of pioneering the Student academics. Our Principal's commitment to transformative education is unmatched. Industry tie-ups, Centers of Excellence, hands-on training, and a vibrant research culture are just a few of the many initiatives guided by his dynamic leadership. Under your inspiration, we continue to grow, dream, and innovate.



Dr. K. V. Mahendra Prashanth
Principal, SJBIT

Editorial Board

Chief Patron: His Holiness Jagadguru Sri Sri Sri Dr.Nirmalanandanatha Maha Swamiji

Patron: Revered Sri Sri Dr.Prakashnath Swamiji

Editorial Advisors: Dr.K V Mahendra Prashanth,Principal & Dr.Abhilash C N, Professor & HOD,AI ML

Editors: Mrs.Anusha M S , Ms.Sindhu S & Keerthan V (VI SEM) Department of AI & ML, SJBIT

DEPARTMENT VISION

“To gain global acclaim by fostering excellence in education, research, and innovation,thereby creating leaders who influence society through technology”

DEPARTMENT MISSION

M1: Foster a comprehensive understanding of both the theory and application of Artificial Intelligence and Machine Learning.

M2: Establish a conducive learning environment that nurtures globally competitive skills.

M3: Nurture innovation and ethics, preparing students as responsible societal members.



*Dr. Abhilash C N,
Professor and Head of AI ML department,
He is a visionary and dedicated leader.*

His expertise creates a nurturing and innovative environment where both faculty and students are supported in their growth. By working closely with the department, he provides guidance and encouragement that foster a spirit of learning and curiosity.

ಪಾಪ ಕಾರ್ಯಗಳನ್ನು ತ್ಯಜಿಸುವುದರಿಂದ ಜ್ಞಾನವು ಲಭಿಸುತ್ತದೆ
ಜ್ಞಾನ ಲಾಭವಾದರೆ ತಪ್ಪದೆ ತನ್ನಲ್ಲಿ ಭಗವಂತನ ದರ್ಶನವಾಗುತ್ತದೆ
- ಪೂಜ್ಯ ಬಾಲಗಂಗಾಧರನಾಥ ಸ್ವಾಮೀಜಿ

GUEST LECTURES

CLOUD COMPUTING & DEVOPS

A guest lecture on "Cloud Computing & DevOps" was successfully conducted for 6th semester students on 21st March 2025. The session aimed to provide students with a comprehensive overview of the rapidly evolving fields of cloud computing and DevOps, highlighting their relevance in contemporary software development and IT infrastructure management. The lecture was delivered by Mr. Shashikanth H, an expert in the field, who shared valuable insights and practical knowledge.



RECENT TRENDS AND APPLICATIONS IN MACHINE LEARNING

On March 8th, 2025, Prof. Varsha R. from BMS College of Engineering delivered a guest lecture on "Recent Trends and Applications in Machine Learning." The session covered key topics including the differences between AI, ML, and Deep Learning, various applications of ML, and also about the three main types of ML: supervised, unsupervised, and reinforcement learning. Ethical implications and popular ML tools like Scikit-Learn and TensorFlow were also discussed.



PTM CONDUCTION

The Parent-Teacher Meeting (PTM) for fourth and sixth semester engineering students was organized on 10th May 2025. The objective of the PTM was to strengthen the collaboration between parents and faculty, fostering a shared commitment to the academic progress and overall development of students.

The session commenced with a cordial welcome address by the PTM Coordinator and HoD, Dr. Abhilash C N. He highlighted the significance of regular parent-teacher interactions in supporting students' educational and personal growth.



RAMANAVAMI CELEBRATIONS

The Ramanavami celebrations were held with great devotion and enthusiasm by Dept of AI & ML, SJBIT on 16th April 2025, commemorating the birth of Lord Sri Rama, the seventh incarnation of Lord Vishnu. After the pooja & blessings prasadam was distributed to all attendees, and the event witnessed active participation from faculty, students, and staff, creating a spiritually uplifting atmosphere. The celebration served not only as a religious event but also as an opportunity to reinforce moral values and cultural heritage among the younger generation.



ORIENTATION SESSION

An orientation session was conducted on 21st February 2025 for 6th semester students to brief them about Code of conduct, academic planning, activities, examination patterns, and placement trainings. Students actively participated with keen interest and clarified their queries regarding the internship requirements and upcoming final year projects



INAUGURATION OF IEEE COMPUTATIONAL INTELLIGENCE SOCIETY STUDENT BRANCH CHAPTER

On 10th March 2025, the IEEE Computational Intelligence Society Student Branch Chapter Inaugural Event at SJBIT was a resounding success, marking the beginning of an exciting journey for IEEE activities on campus. The event fostered an environment of learning and inspiration, driven by insightful discussions, expert guidance, and enthusiastic student participation.

The IEEE inaugural event was an insightful session led by Prof. Vijaya Kumar B.P., Head of the Department of Artificial Intelligence and Data Science (AI and DS) at Ramaiah Institute of Technology, and Dr. D.N. Sujatha, Professor, Department of MCA at BMS College of Engineering. Their talks provided a deep dive into the significance of IEEE, its impact, and the vast opportunities it offers to students.



STAFF TRIP TO MANDARAGIRI HILLS

The Departments of AIML and CSE (Data Science) successfully organized a Staff Trip to Mandaragiri Hills on 04/07/2025

The Staff excursion aimed to strengthen camaraderie, encourage informal interaction, and promote the mental well-being of faculty members. The serene surroundings of Mandaragiri, including the Guru Mandir, the iconic Pinchi-shaped Jain Temple, and a light trek to the hilltop, offered moments of peace, reflection, and rejuvenation. Group lunch and recreational activities further added joy to the day, reinforcing team spirit and unity.



TALK ON HIGHER EDUCATION

A career development session focused on higher education was successfully conducted for 6th semester students on 19th March 2025. The program aimed to raise awareness about opportunities for graduate studies and international education, specifically through the GATE, GRE, and IELTS examinations. Ms. Kruthika G C, Asst. Prof., SNPSU, Bengaluru provided a detailed information on the structure, requirements, and preparation strategies for each entrance test. Students were also informed about the benefits of pursuing higher education, both within India and abroad, and how these qualifications can enhance their career prospects.



STUDENT DEVELOPMENT PROGRAM

The Department of Artificial Intelligence and Machine Learning (AIML) successfully conducted a two-day Student Development Program (SDP) on “Generative AI & Large Language Models” on 25th & 26th March 2025, with the support of the Head of Department (HoD) and faculty members. The session objective was designed to provide students with insights into AI & ML, focusing on the significance of Generative AI in IT industries and emerging startups. The program featured an expert insights delivered by Mr. Raghu Prasad K S, CEO of Kaushalya Technologies, Bengaluru. The session aimed to bridge the gap between theoretical knowledge and practical implementation, enabling students to explore and experiment with Generative AI models in the laboratories.



COMMUNITY SERVICE

We chose the community the JanaSnehi Charitable Trust located at Sondekoppa, Tavarekere Post, Nelamangala Road, Bengaluru, who provides care and shelter for senior citizens. As part of a community outreach program, the Department of AI & ML, SJBIT, along with 6th semester students and faculty, visited the place on 21st May 2025 around 12:35pm afternoon and with prior permission all our students interacted with the elderly residents. They shared their sorrows and experiences with all of us. Each one had a different story and bad situations. We also contributed with the daily essentials for them to maintain hygiene by creating awareness and supported them.



RAISING CAPITAL AND MANAGING

FINANCE FOR START-UP'S

A talk on “Raising Capital and Managing Finance for Start Up’s”. The session was held on 10th June 2025, in Aryabhata seminar hall. Resource person Mr. Sadananda Murthy, Founder Director, Lead Engg. Technology and Operations, Sampark Bindhu, Bengaluru, addressed and inspired young minds towards start up, explaining many start-up practices and shared many funding agency details to convert innovation into startups. In the welcome note Dr. Lokesh M, Dean Student welfare addressed students to convert their ideas into startups and described extended support from the institution to initiate startups in campus. Students actively participated in the event and also discussed few queries with the resource person during interactive session at the end of the program.



BOARD OF STUDIES MEETING

The Board of Studies (BOS) meeting was conducted on 9th April 2025, providing a constructive platform for discussion and exchange of ideas. Members actively participated and contributed valuable insights on various academic and curriculum-related matters. The feedback received during the meeting was highly informative and highlighted key areas for enhancement. Suggestions offered by the participants reflected a strong commitment to academic excellence and continuous improvement. All inputs gathered will be thoroughly reviewed and considered for implementation in future planning and development.



MOU BETWEEN AIML DEPT. AND AVINYA TECHKNOWS

This strategic partnership is expected to provide students and faculty of SJBIT with valuable exposure to real-time industry trends and technological advancements. It will also open avenues for M/s. AVINYA TECHKNOWS to tap into academic research and contribute to curriculum enhancement

A Memorandum of Understanding (MoU) was officially signed between AIML dept., SJB Institute of Technology (SJBIT) and M/s. AVINYA TECHKNOWS, represented by Mrs. Lavanya B N, CEO & Founder, on 23rd May 2025 at the SJBIT campus, Bengaluru. The primary objective of this MoU is to establish a collaborative framework for mutual growth in the fields of research, innovation, and skill development.



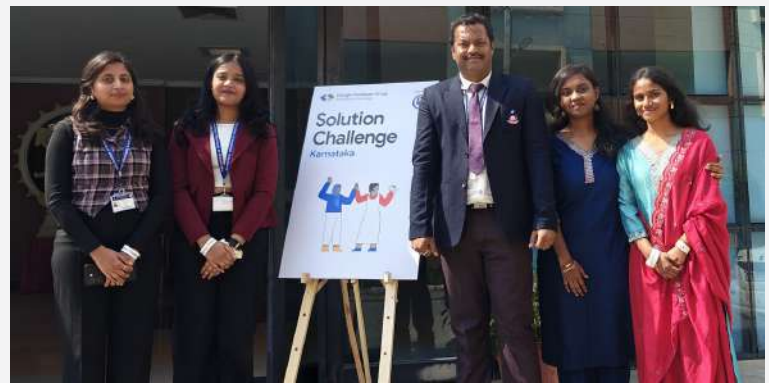
ALUMNI TALK



On 10th May 2025, the Department of AI & ML at SJBIT organized an industry visit to CGI Pvt. Ltd., Bengaluru for 6th semester students. As part of the Future Ready AI Summit, students explored real-world AI/ML applications, tools like Python, TensorFlow, and AWS, and gained insights into ethical AI and data privacy. The visit enhanced their understanding of industry practices and inspired them to pursue careers in the AI/ML domain.

GOOGLE DEVELOPER GROUPS- IDEATHON (GDG)

On 8th March Group of students from the Department of AI & ML at SJBIT participated and volunteered in Ideathon competition under Google Developer Group (GDG) in co-ordination with SJBIT. The event provided hands-on experience with the latest technologies in Cloud computing, Machine learning, and Web development. It offered valuable exposure to real-world tools, networking opportunities with professionals, and insights into current industry challenges. This participation reflects the department's commitment to encourage students & engage with global tech communities and enhance their coding skills.



INDUSTRY VISIT

On 10th May 2025, the Department of AI & ML at SJBIT organized an industry visit to CGI Pvt. Ltd., Bengaluru for 6th semester students as part of the Future Ready AI Summit Program. The visit provided students with valuable exposure to real-time AI/ML applications, including presentations, project case studies, a tour of the Innovation Lab, and a session on tools like Python, TensorFlow, Power BI, AWS, and ethical AI practices. The experience bridged academic learning with industry practices, enhanced technical understanding, and motivated students to pursue careers and internships in the AI/ML domain

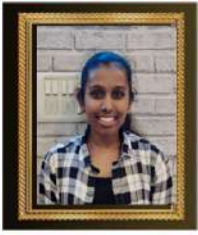


STUDENT ACHIEVEMENTS

Congratulations

4th Semester Topper's –June2025 Examination

FIRST PLACE



SNEHA G GOWDA
USN - 1JB23AI052
SGPA (9.55/10)

SECOND PLACE



LIKHITHA M
USN - 1JB23AI029
SGPA (9.45/10)

THIRD PLACE



SUMUKH KASHYAP N K
USN - 1JB23AI1053
SGPA (9.15/10)

NPTEL ACHIEVERS

LIST OF STUDENTS SECURED ELITE+SILVER CERTIFICATES



Ashwin Kumar B V
VI sem



Harsh Rai
IV sem



Anantapur Aseen
IV sem



Yashas Rao Jadhav
IV sem



Ritu Raj Kumar
IV sem



ADNAN AHMAD
IV sem



Anagha P Nithyandala
VI sem



YOGESH KUMAR
IV sem



Deeksha M Gowda
VI sem



Hemalatha C
VI sem



Obtained Winners prize in Dance Competition – ATHARVA 2025



Participated in PRAGYAN - 2025 at JSSATE, Bengaluru



Participated in State level Chess championship- VTU



Obtained Champions trophy in Ball Badminton tournament @ KIT, Tiptur



Won 3rd Place in Drama Competition "La Scena" @ Ramaiah University of Applied Sciences



Won 1st place with 75,000/- cash prize in Hackathon under the theme Education conducted by BGSCET





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Approved by AICTE, New Delhi



Affiliated to
Visvesvaraya Technological University, Belagavi



Accredited by NBA



Accredited by NAAC with A+



Recognized by UGC, New Delhi with 2(f) and 12(B)



Certified by ISO 9001 – 2015



ATAL Ranking:
Band Performer



Band of 151 to 300 in
Innovation Category