|| 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

DEPARTMENT OF AI & ML - "ADVITIYA"

About SJBIT

SJB Institute of Technology (SJBIT), Kengeri, Bangalore is one of the leading Engineering & Management institution in India, offers the best exposure in terms of world class education, internship & placement opportunities, and has excellent infrastructural amenities. We ensure that the graduates walk out with Excellence, Honesty, Integrity, Teamwork, Continuous Learning and Innovation. We strive to provide excellent technical knowledge and analytical skills, which is the need of the hour. SJBIT, nurtures human ethics & principles and ensures to achieve the mission and vision to enrich the learning process to develop a good citizen of the country.

SJBIT is one of the leading Engineering & Management institution in India fostering quality education since 2001. This institute was established by His Holiness Jagadguru Padmabhushana Dr. Sri Sri Sri Balagangadharanatha Mahaswamiji. Mahaswamiji believed in imparting three components of education – intellectual, spiritual & physical needs of students.

The institute provides best exposure in terms of world class education, internship & placement opportunities, and has excellent infrastructural amenities. Also, supports with exceptional Placement training, Technical skill enrichment programs and soft skill trainings to equip our students to face the world with confidence. Hence, Graduating from SJBIT Bangalore: the best engineering college in Bangalore, will promise you a bright future in the Industries, Defense, Government sectors and elsewhere.

SJBIT Bangalore offers 8 Undergraduate, 2 Postgraduate, 4 Master of Business Administration (MBA), & Master of Computer Application (MCA) programs and also Research programmes leading to Ph.D. degree.

The faculties at SJBIT are highly cooperative with students and provides exceptional technical knowledge & skills to enrich the students' knowledge in their domain. They hold the perfect blend of knowledge, industry experience and research skills. We believe in nurturing an environment through various student clubs and committees for the students to engage with creative ideas and be the place where students find their voice

Our institute has track record of placing graduates in many multinational and top-notch companies with best CTC and our graduates have always proved to be a great asset to the organizations wherever they have joined.

The helm of the institution is the dynamic and energetic leader, Dr. K. V. Mahendra Prashanth, Principal of SJBIT. His backing, counsel, and encouragement play pivotal roles in motivating the young minds and staff within the institutions.

Dr. K. V. Mahendra Prashanth
Principal

Institution Vision:
To become a recognized technical education center with a global perspective.

Institution Mission:
To provide learning opportunities that fosters student's ethical values, intelligent and development in science and technologiy and social responsibility so that they become sensible and contributing members of the society

Core Values:
Humanity, Honesty, Integrity, Teamwork, Continuous Learning and Innovation.

About the Department
The Department of Artificial Intelligence and Machine Learning commenced in 2022. This Department offers a 4-year B. E (AI & ML) Programme with a unique learning experience. It has an eminent team of dedicated faculty members with sound knowledge on different aspects of AI & ML. Further, the department has State-of-the-Art facilities with specialized laboratories and smart class rooms..

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.Gopalakrishna M T,
Professor & Head,AI & ML

Department Highlights
- Our faculty comprises a team of esteemed educators and researchers dedicated to fostering an environment of academic rigor and innovation.
- State-of-the-art infrastructure fosters academic excellence and innovation. Our facilities include ICT-enabled classrooms for interactive learning, well-furnished seminar halls with high-quality sound systems, a comprehensive library, cutting-edge laboratories for research, and additional spaces for student innovation and entrepreneurship
- Students and faculty actively engage in research and innovation.Additionally, our department publishes findings in esteemed journals and presents at international conferences, demonstrating our commitment to global knowledge sharing.

Student Achivement

Deeraj Reddy B bearing USN 1JB22AI014,III Sem student achieved third place in the 68th Junior National Ball Badminton Championship 2023-24 and was honored as the Star of India at the event held in Patna, Bihar.

Students Orientation Program:
- The orientation program for first-year students in the Department of AI & ML concluded successfully.
- Students received a comprehensive tour of the department, covering key areas such as the HOD's room, office rooms, classrooms, seminar hall, and laboratories.
- Faculty members facilitated interactions with students, providing insights into the department's programs and courses.
- The event proved valuable in acquainting students with the department's facilities and academic offerings.

Workshop on "Ethical Hacking and Cyber Security

A three-day workshop on "Ethical Hacking and Cyber Security" featured experts covering topics like ethical hacking basics, cyber threats, and protection measure.

The second day delved into wireless attacks, viruses, website security, DoS/DDoS attacks, proxies, VPNs, mobile hacking, and cybersecurity career paths. An expert panel discussed entrepreneurship challenges and rewards.

The poster presentation competition was successful, receiving positive feedback. Principal Dr. K.V. Mahendra Prashanth congratulated participants during the valedictory program, emphasizing the workshop's informative and helpful nature.

Ayudha Pooja 2023

On October 21, 2023, Department of AI & ML celebrated Ayudha Pooja and Saraswathi Pooja with vibrancy.Adorning the department with festive decorations, including mango leaves and tools, created a lively atmosphere.The pooja ceremony, attended by the principal, faculty, and students, highlighted unity and departmental spirit. Gratitude was expressed to the management, principal, and HOD for fostering such opportunities to celebrate auspicious occasions, fostering cultural enrichment and strengthening bonds. Anticipation for future celebrations was expressed.

Expert talk on Entrepreneurship:

The ED Cell hosted an event to foster entrepreneurial knowledge among students from the AI & ML, CSE (DS), and EEE branches. The event attracted 80 participants who gained insights into entrepreneurship, innovation, technology, government schemes, bank involvement, subsidy opportunities, reasons for failure, and practical use cases presented by Mr. Naveen Lakkur and Mr. Arnab Sarkar.

Technical talk on Hardware, Software and AI &ML Trends:

- Senior Professor S M K Rahman visited the Department of AI & ML on 9th December
- Dr. M. S. Nagananda welcomed the professor, acknowledging his expertise in Electronics, Computer, and IT.
- Prof. Rahman highlighted the importance of Hardware, Software, AI-ML trends, Information Science, and Computer Science for a robust society.-Emphasis on the critical role of engineering education, skills, and knowledge in the current environment was discussed.
- Private institutions discussed potential funding from public, private, and governmental sources In-depth discussions held with AI-ML faculties and the Head of the CSE department to determine goals and technical details for the department, students, and faculties.

Ethnic Day

Department of Artificial Intelligence & Machine Learning (AI & ML), ADVITIYA, the Ethnic Day celebration, unfolded joyfully on January 24, 2024.

The department was transformed with an Ayodhya-themed decor, creating a vibrant ambiance for a day brimming with cultural revelry. Students actively participated in solo and group dances, a captivating fashion show, and meticulously organized games for both faculty and students. The event fostered an atmosphere of celebration and camaraderie.

As we look back on this unforgettable celebration, our heartfelt gratitude goes to all who contributed to making ADVITIYA a resounding success, etching it as a cherished chapter in the collective journey of knowledge, creativity, and cultural exchange within the department

Outreach Activities:
1)GKVK

The visit to KRISHIMELA 2023 at GKVK Campus was a successful Social Connect & Responsibility Activity for III Semester students on November 17, 2023. The field trip to the organic farm offered valuable insights into organic farming, waste management, and water conservation, ostering genuine interest in sustainable agriculture. The well-coordinated trip concluded with achievements, leaving a lasting impression and garnering gratitude towards the management, principal, HOD, and faculties for the invaluable opportunity

2)XCEL CORP Private Limited

The Departments of AI & ML and CSE (Data Science) undertook an industry visit to XCEL Corp. on 30/12/2023. The CEO provided valuable insights into upcoming technologies, emphasized the importance of advanced skills, and outlined industry requirements. The company's personnel extended warm hospitality, offering students a comprehensive understanding of the company's services and products.

Parent Teachers Meeting

The Department of Artificial Intelligence and Machine Learning (AI&ML) organized a Parents-Teachers Meeting for 3rd sem students on February 10, 2024. Parents actively engaged in the event, actively participated in interactions with faculty, providing valuable feedback.. The engagement included discussions with class teachers, proctors, and the Head of the Department (HOD), focusing on students academic performance, attendance records, Human Resource Development (HRD) attendance, and involvement in skill development activities.