Research Activities:

Research activities of department of ISE are broadly categorized as:

1. Artificial Intelligence
2. Cloud Computing
3. Communication and Networking
4. Big data/Data Mining:
5. Machine Learning
6. IOT

No of Research Scholars : 19
No of Ph.D Awarded   : 02

Infrastructure Details :
Modern Class Rooms, Seminar Hall, Laboratories, HOD Room and faculty rooms.

Department Library :
Apart from the central library facility, An Exclusively Equipped ISE Department Library Facility Available. Students are encouraged to read books at library

Activities :

The department has been organizing seminars, workshops, webinars, expert lectures sponsored by funding agencies such as TEQIP, ATAL for the students and academicians in the emerging areas of Information Science stream to imbibe lifelong learning. Department invites industry experts to deliver sessions related to syllabus to enable the students to get industry exposure. The department encourages the students to conduct and participate in extra-curricular & sports activities. The Alumni Meet is conducted every year and alumni network is very active where they share their expertise by giving seminars, webinars and workshops for both UG and PG students.

➢ Faculty members have expertise in the domain of Artificial Intelligence, Cloud Computing and Networking Domain.

➢ Students can access the following e-Resources at the digital Library - Delnet, ASME, Knimbus, Proquest, Taylor & Francis, Sentenia-an assistive, DSpace, IEEE, ASCE.

➢ Highly qualified and motivated faculty members. All faculties are involved in research and technical paper publications in reputed technical journals, conferences across the world. They are the members of prestigious professional bodies like ISTE, ISSS, CRSI, and CSI.

➢ Dr. AIT is the mentee Institute of IET, Dr. Ram Manohar Lohia Avadh University and the department of ISE is playing a key role in improving their prospectus.

➢ Many faculty are members of Professional bodies like IEEE, ACM, ISTE, IE, ISSS and CSI.

➢ MOUs with Universities in India and Foreign countries.

➢ Industry Interaction activities are carried out at regular intervals.

➢ Student Activities.

Dr. Ambedkar Institute of Technology

Aided by Government of Karnataka, An Autonomous Institution,
Affiliated to Visvesvaraya Technological University, Belagavi,
Approved by AICTE, New Delhi, Accredited by NBA and NAAC with 'A' Grade
Near Jnana Bharathi Campus, Mallathahalli, Bengaluru - 560 056

About College

Dr. Ambedkar Institute of Technology (Dr AIT) was established in the year 1980 by Panchajanya Vidyapeeta Welfare Trust (PVPWT) Bangalore. PVPWT is founded by Late Sri M.H. Jayaparakash Narayan. The Institution was started with Three AICTE approved undergraduate (UG) programmes in Departments of Civil Engineering, Mechanical Engineering and Electrical and Electronics Engineering.

Department of Information Science and Engineering

Department of Information Science and Engineering (ISE) established in 1992. Present sanctioned student intake for B.E is 60 and M.Tech in CNE is 24 and M.Tech in CFIS is18. The Department has been recognized as a Research & Development (R & D) center under VTU, Belagavi. Presently 19 Ph.D. Research Scholars are engaged in Research and Development. The department is successfully engaging the sponsored research projects funded by various agencies such as AICTE, DST, VTU, VGST, and KSCST. Postgraduate students and Ph.D. Department is accredited by NBA and also certified by ISO 9001-2008.

Dr. M.V. Vijayakumar is an reformer educationist, renowned researcher and administrator. He is currently heading the Department of ISE and working as a Vice-Principal of Dr. Ambedkar Institute of Technology. He completed B.E from SJCE, Mysore and M.Tech from NITK, Surathkal. He has been awarded full time PhD in Computer science and engineering, Sub area Artificial Intelligence under the guidance of popular AI scientist Dr. Darryl.N.Davis, from the University of Hull, England, United Kingdom. He obtained SIA from London, and Post Graduate Certificate course in Research Training (PGCRT), from the University of Hull, United Kingdom.

He is one among the top pioneers in AI, who made lot of contributions to the AI field. yielding duel benefits to the society with the support of funding agencies like, VGST, AICTE, ORSAS, and UK Research Fellowships, etc. Many of his scientific experiments given him lot of recognition and awards, like ORSAS (Overseas Research Student Award Scheme) in 2005 for his outstanding merit and research Potential From British Government, Outstanding Researcher Award from VIFA-2015.

Currently he is a Academic Council Member for PES College of Engineering, Mandya and Selection Committee Member for Karnataka State Open University(KSOU), Mysore. He has 20 years of teaching, administration and research experience. He has been recognized as a best administrator with good track of academic results and research.

DR. M.V. VIJAYAKUMAR
Head of the Department, ISE and
Vice-Principal, Dr. AIT Vice-Principal, Dr. AIT

Achievements:

Books Published: 07

1. **Dr. M.V. Vijayakumar,** Vice-Principal and HoD, Dept. of ISE: 01 (For LAMBERT Academic Publishing)

2. **Dr. Nandini Prasad K.S,** Dean (Foreign Affairs) and Professor, Dept. of ISE: 06
   (For Elsevier and Cengage Learning)

Patents Published: 07 (By faculty/students)

Funded Projects: 03