

Department of Information Science and Engineering

Research Centre of **Department of Information Science and Engineering (ISE)**, Dayananda Sagar Academy of Technology and Management (DSATM) is committed to creating a dynamic research ecosystem that promotes interdisciplinary collaboration and makes a positive impact on society. It is a recognized VTU Research Centre that provides a vibrant platform for doctoral scholars, faculty members and undergraduate researchers to undertake state-of-the-art research in:

- Artificial Intelligence & Machine Learning
- Cybersecurity
- Internet of Things (IoT)
- Cloud Computing
- Computer Networks
- Blockchain
- Digital Health and Intelligent Systems.

The research centre actively promotes high quality publications in SCI/Scopus/Web of Science indexed journals, Patents, funded research projects, and is committed to sustainable technological solutions, to tackle real-world challenges and make meaningful contributions to national and global technological advancement. The research centre also strengthens its collaborations with leading universities and industries across the globe.

Research Supervisors



Dr. Nandini Prasad K S

Number of PhD awarded=6

Number of candidates registered for PhD = 4

Research Focus Area:

1. Wireless Sensor Networks
2. AI and Machine Learning
3. Internet of Medical Things (IoMT)
4. Explainable AI and Visual Analytics



Dr. Vanajoselin Chirchi

Number of PhD awarded=Nil

Number of candidates registered for PhD =4

Research Focus Area:

1. AI and Deep learning
2. Federated Learning and Agentic AI
3. Medical Image Processing
4. Computer Networks and Security



Dr. Rashmi Amardeep

Number of PhD awarded=NIL

Number of candidates registered for PhD = 2

Research Focus Area:

Neural Networks
Machine Learning



Dr. Rajesh L

Number of PhD awarded= Nil
Number of candidates registered
for PhD =01

Research Focus Area:

Wireless Sensor Networks,
Information Security, Artificial
Intelligence, Data Mining &
Knowledge Discovery, Data
Science.



Dr. Pooja Nayak S

Number of PhD awarded=Nil
Number of candidates registered for
PhD =3

Research Focus Area:

Machine Learning
Neural Networks
Speech Signal Processing



Dr. Pallavi H B

Number of PhD awarded=Nil
Number of candidates registered for
PhD = 1

Research Focus Area:

AI and Machine Learning



Dr. Veena R S

Number of PhD awarded=Nil

Number of candidates registered for PhD = 2

Research Focus Area:

Machine learning,
cloud computing and internet of medical
things.