

Home Page

Department of Artificial Intelligence & Data Science

Welcome Message

The Department of Artificial Intelligence & Data Science is committed to developing technically sound, ethically strong, and industry-ready engineers who can shape the future with intelligent systems and smart technologies.

Department of Artificial Intelligence and Data Science shall,

- To deliver a high-quality education by fostering a transformative environment where students are encouraged to thrive in their academic endeavors, to prepare students to obtain application knowledge in the burgeoning industry and to become deeply knowledgeable in artificial intelligence and data science.
- To give students the opportunity to fully develop their own skills and realize their potential while being taught by experienced, skilled, and committed staff, to uphold a degree of competence and standards in all the courses they take to become experts in data science and artificial intelligence.
- To improve and equip students with the skills they need to favorably impact society through the use of this cutting-edge technology.

Program Overview

The B.E. program blends foundational engineering education with cutting-edge topics in AI and data science. The course structure equips students with:

- Programming expertise
- Mathematical rigor
- Ability to build scalable AI-driven applications

Key Technologies & Skills

Students gain proficiency in:

- Deep learning
- Data mining

- Cloud platforms
- Robotics
- Computer vision
- Intelligent automation
- Machine learning
- Big data analytics
- Data modeling
- Statistical analysis
- Knowledge discovery
- Visualization

Learning Approach

- Practical labs
- Mini-projects
- Internships
- Solid application-oriented learning experience
- Design-based learning
- Cutting-edge pedagogies

Innovation & Research

The department actively promotes innovation through:

- Hackathons
- Research clubs
- Startup initiatives
- Interdisciplinary solutions leveraging AI
- Focus on societal, industrial, and environmental challenges

Graduate Preparedness

Strong focus on:

- Lifelong learning
 - Collaboration
 - Professional ethics
 - Roles in top tech firms
 - Research institutions
 - Entrepreneurship in AI-driven digital economy
-

Head of Department

Dr. Manjunath T. K

- **Position:** Professor & Head
- **Qualifications:** B.E, M.Tech, Ph.D (Post Doc.)
- **Department Established:** 2020/2021

HOD's Message

The department was established with the purpose of educating students and carrying out research in the domains of Artificial Intelligence & Data Science. Highly competent professors with rich experience from renowned universities in India and abroad make up the department.

Department Goals:

- Provide world-class infrastructure and technologies
- Extensive hands-on exposure through industry connect programmes
- Prepare students to be leaders in AI and DS
- Foster academic achievement, industrial exposure, and exceptional career possibilities

Faculty Development:

- Motivates staff to pursue higher studies
- Encourages attendance at conferences and workshops
- Promotes publishing papers in national/international conferences/journals

Department Profile

About AI & DS

Artificial Intelligence (AI) and Data Science (DS) is a new, exponentially growing field consisting of a set of tools and techniques used to extract useful information from data.

B.E. in AI & DS Program

An undergraduate programme with advanced learning solutions imparting knowledge of:

- Artificial intelligence
- Data science
- Machine learning
- Deep learning

Main Goals

- Program computers to use example data or experience to solve given problems
- Build intelligent machines, software, or applications
- Combine machine learning, analytics and visualization technologies

Course Focus

- Intelligent data analysis for real-world applications
- Core technologies: AI, data mining, data modeling
- Intensive inputs in machine learning and big data analytics
- Cross-disciplinary skills: statistics, computer science, machine learning, logic

Career Opportunities

Students may have career opportunities in:

- Healthcare
- Business
- eCommerce
- Social networking companies

- Climatology
- Biotechnology
- Genetics
- Other important areas

Program Focus

Equip students with:

- Statistical skills
- Mathematical reasoning
- Machine learning
- Knowledge discovery
- Visualization skills

Highlights of Department

1. Design-based learning and cutting-edge pedagogies
2. Well-researched and carefully crafted curricula
3. Facilities for modern research and infrastructure
4. Personal growth and skill development
5. Exciting Career Opportunities, Placements, and Internships
6. Annual AI Prototype Exhibition/Programs
7. Resources for entrepreneurship, innovation, and incubation
8. The use of real-world applications
9. Freedom in specialized streams

Advantages of AI & DS Graduates

1. Specialized branch with huge scope of growth and ample opportunities
2. KSSEM has expert faculty in the field of AI & DS

3. Great potential for startups apart from jobs
 4. Industry mentors guide students to develop startup culture
 5. **Job packages range from 4 LPA to 27 LPA**
 6. Design/Implementation-based learning prepares students for high-end jobs
 7. Encourages innovation and entrepreneurship through applied learning
 8. Well-structured curriculum builds strong domain knowledge
 9. Hands-on projects help solve real-world problems
 10. Advanced tools exposure prepares students for future roles
 11. Credit-based system encourages global certifications
-

Academic Programs Offered

UG Program

- **Degree:** Bachelor of Engineering (B.E.) in Artificial Intelligence and Data Science (AI & DS)
 - **Approved Intake:** 120 students
 - **Lateral Entry:** 20% from 2nd year
-

News & Achievements

1. Vandana C - 5th Rank VTU

Congratulations to our AI & DS department and student Vandana C for securing 5th rank in VTU - a proud moment of excellence and achievement!

2. FDP on Advanced Machine Learning Using Python

- **Duration:** 5 days
- **Dates:** June 10, 2025 to June 14, 2025
- **Purpose:** Bridge the gap between Academia and Industry
- **Organized by:** Department of AI&DS

3. SAP Hackfest 2025 Regional Round

Objective: Empower young innovators to solve real-world problems using:

- Artificial Intelligence
- Data Analytics
- Design Thinking
- Digital Transformation
- Aligned with SAP's mission of fostering a smarter and more sustainable future

4. Skills for Future Advance Engineering Course Orientation Program

Focus:

- Equips students with emerging technical skills
 - Innovation mindset
 - Adaptability for Industry 4.0
 - Emphasizes interdisciplinary learning
 - Problem-solving
 - Readiness for future engineering challenges
-

Upcoming Events

1. AI Careers for Women

- **Organized by:** Department of AI & DS in collaboration with Microsoft and SAP
- **Description:** Prestigious national initiative designed to equip women with industry-relevant skills in Artificial Intelligence

2. Industrial Visit for 5th Sem AI&DS

- **Venue:** VOIS Office, Bangalore
- **Address:** Vodafone India Services Pvt. Ltd., BDC1, 10th floor, Tower A & B, Global Technology Park, Marathalli, Bangalore
- **Date:** October 27 (Monday)

3. Django meets AI Full Stack ML Bootcamp

- **Topic:** Workshop on "Django meets AI full stack ML Bootcamp"

- **Month:** September
 - **Target:** 7th sem students
-

Department Sections/Resources

The department offers the following sections:

- Profile
- PO, PEO & PSO (Program Outcomes, Program Educational Objectives & Program Specific Outcomes)
- Professional Bodies
- Teaching and Learning
- Time Table
- Syllabus
- News Letter
- Faculty
- FDP (Faculty Development Programs)
- Achievers
- Infrastructure/Facilities
- Gallery
- Departmental Library
- Placement Details
- Higher Education
- Student Club
- Internships & Projects
- Industrial Visit
- Events
- E-Resources

- Project Exhibition
 - MOUs Signed
 - Social Activities
 - Other Details
 - Video Testimonials
-

Placements

Placements for Artificial Intelligence & Data Science at KSSEM

- Alumni thrive in renowned companies
- Driving innovation and excellence
- Job packages: 4 LPA to 27 LPA
- **Program Outcomes (POs)**
- **PO-1:**
Engineering Knowledge: Ability to use knowledge of science, arithmetic, engineering basics, and a particular technical speciality to solve complicated engineering issues.
- **PO-2:**
Problem Analysis: Ability to recognize, formulate, conduct literature reviews, and use first principles of mathematics, natural sciences, and engineering sciences to understand difficult engineering issues in mechanical engineering.
- **PO-3:**
Design/Development of solutions: An ability to design solutions for complex engineering problems and system component or processes that meet the specified needs considering public health & safety and cultural, societal & environment.
- **PO-4:**
Conduct Investigations of Complex problems: An ability to use research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of the information to obtain solutions to engineering problems.
- **PO-5:**
Modern Tool Usage: Ability to create, select and apply appropriate techniques,

resources and modern engineering activities, with an understanding of the limitations.

- **PO-6:**

The Engineer and Society: Ability to apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

- **PO-7:**

Environment and Sustainability: Ability to demonstrate the knowledge of engineering solutions, contemporary issues understanding their impacts on societal and environmental contexts, leading towards sustainable development.

- **PO-8:**

Ethics: An ability to apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.

- **PO-9:**

Individual and Team Work: An ability to function effectively as an individual, and as a member or leader in diverse teams and in multi-disciplinary settings.

- **PO-10:**

Communication: Ability to communicate effectively oral, written reports and graphical forms on complex engineering activities.

- **PO-11:**

Project Management and Finance: Ability to demonstrate knowledge and understanding of the engineering and management principles and apply those one's own work, as a member and leader in team, to manage projects and in multi-disciplinary environments.

- **PO-12:**

Life-Long Learning: An ability to recognize the need for and having the preparation and ability to engage independent and life-long learning in broadest context of technological change.

Teaching And Learning

- The faculty of aids department attends various MOOCS and training programs on advanced topics, update their knowledge and skills, and gives additional inputs in the classes. Further, the faculty conducts various innovative teaching and learning activities inside and outside the classrooms to engage the students effectively and efficiently. The teaching and learning activities conducted by the faculty for the improvement of student learning includes:

- Teaching with working models, simulations and animated videos
- Assignments which include Miniprojects and Case studies
- Conduction of online and classroom quizzes, surprise class tests, open book assignments, group discussions, seminars etc.

- Usage of ICT, Pupilpod and Google classrooms for posting assignments and lecture materials
- Usage of Google forms and Kahoot for online interaction, assessment and evaluation
- The instructional materials and pedagogical activities are uploaded in Google drive and the associated links are made available on institutional website for student and faculty access.
- **Instructional Materials**
- Instructional Materials are made available for public access.
- **Pedagogical Activities**
- Pedagogy is the method and practice of teaching an academic subject or theoretical concept. Pedagogical skills involves being able to convey knowledge and skills in ways that students can understand, remember and apply. Pedagogies involve a range of techniques, including whole-class and structured group work, guided learning and individual activity. Pedagogies focus on developing higher order thinking.
- Department CCM activities were conducted on 29th December 2023 [\[view here\]](#)
- **Pedagogy Review Form**
- The Peer review forms associated with pedagogical activities are made available for public access, peer review, critique and further development.
- **Lab Manuals**
- AI_LabManual(BAI402) [\[view here\]](#)
- DSandApplication_LabManual(21AD62) [\[view here\]](#)
- MongoDB_LabManual(BDSL456B) [\[view here\]](#)
- PythonforDS_LabManual(BDS306B) [\[view here\]](#)
- DS_LabManual(BCSL305) [\[view here\]](#)
- OS_LabManual(BCS303) [\[view here\]](#)
- DBMS Lab Manual(BCS404) [\[view here\]](#)
- DDCO Lab Manual(BCS302) [\[view here\]](#)
- DBMS Lab Manual(BCS403) [\[view here\]](#)
- GIT_Lab Manual(BCS558C) [\[view here\]](#)
-



Dr. Manjunath T K

Professor and Head

BE, MTech, PhD(Post.Doc)



Dr. Pavana H

Assistant Professor

BE, MTech, PhD



Mrs. P S Geetha

Assistant Professor

B.Sc, MCA



Mrs. Sneha Karamadi

Assistant Professor

B.E,M.Tech



Mrs. Sruthy V Nair

Assistant professor

M.E (computer Science Engineering)



Mrs. Madhusmita Mishra

Assistant Professor

BTech, MTech



Ms. Harshitha H S

Assistant Professor

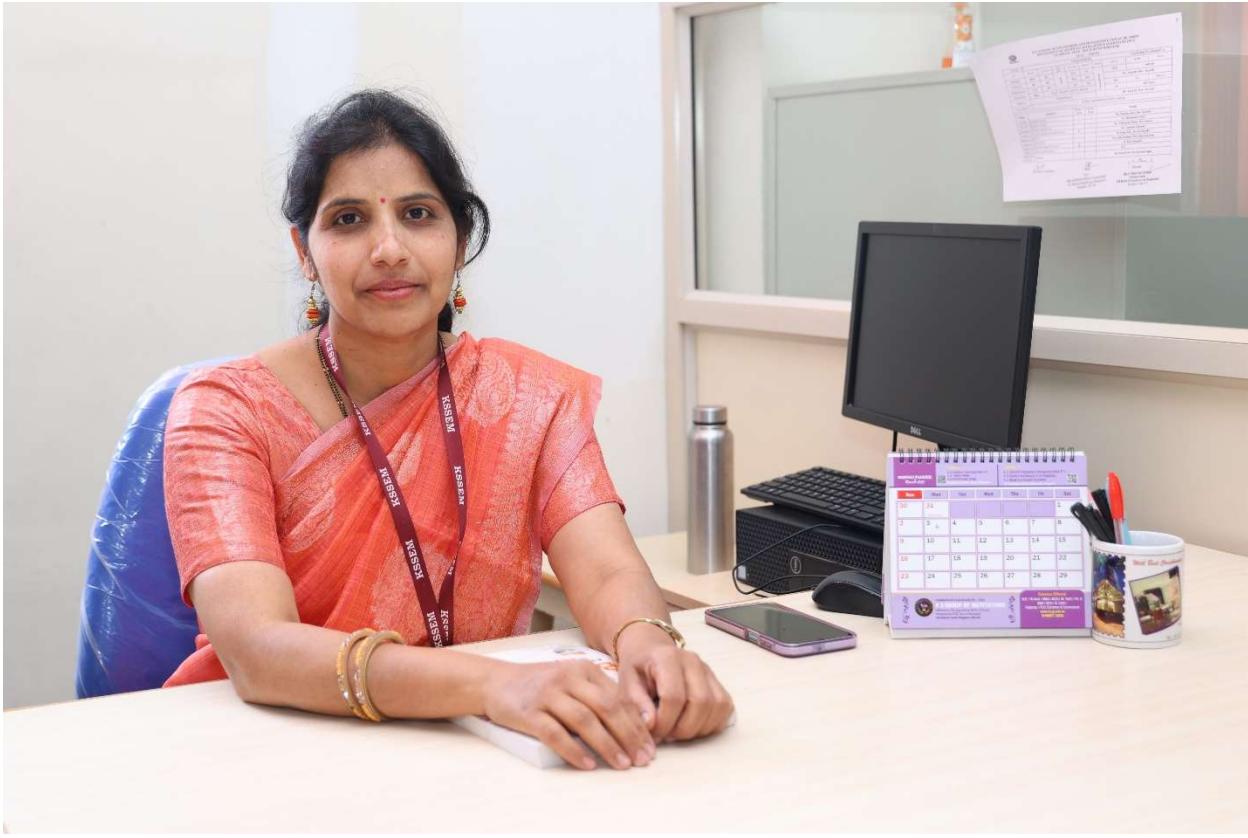
BE, MTech



Mrs. K Padma Priya

Assistant Professor

B.E ,M.Tech



Mrs. Rajashree D Ingale

Assistant Professor

B.E, M.Tech



Mrs.Tanushree Mohapatra

Assistant Professor

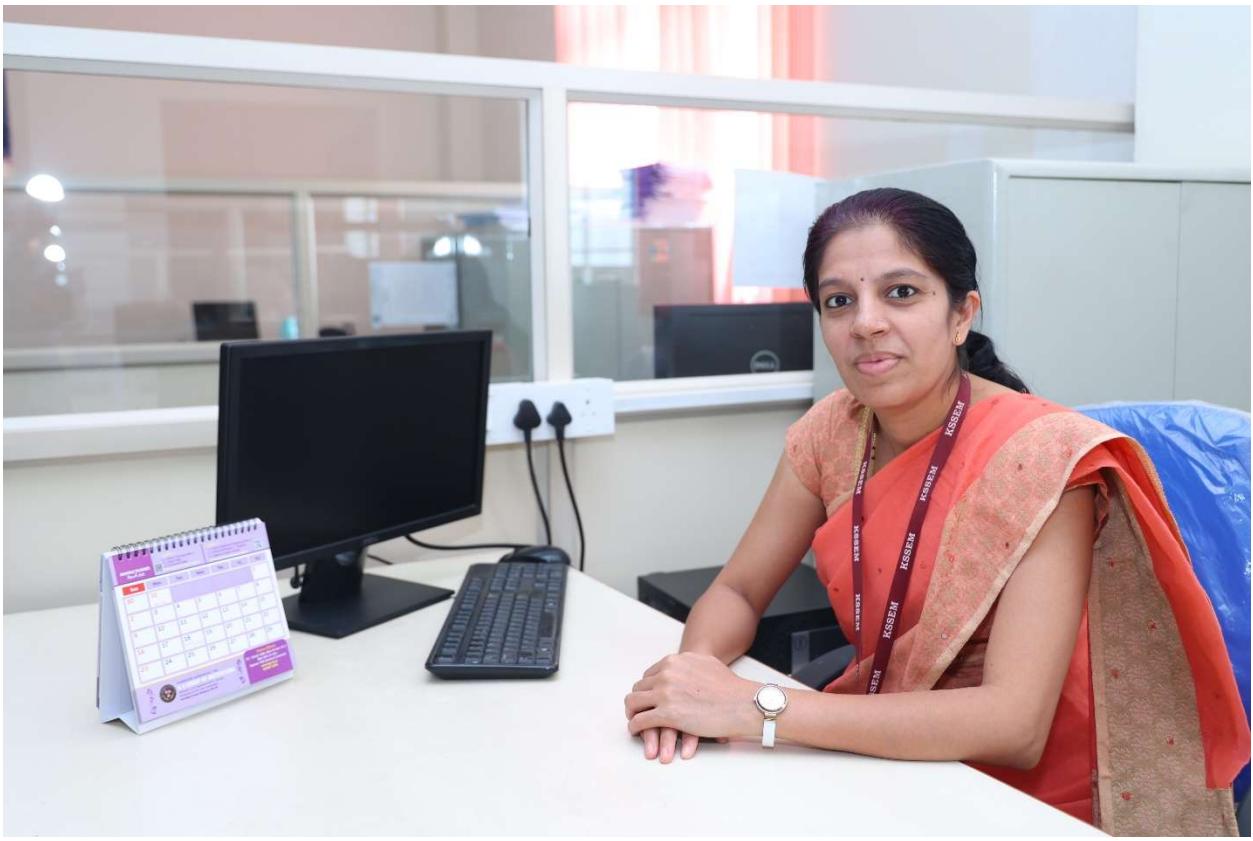
BE, MTech



Mrs.Kavyashree yadav J

Assistant Professor

BE, MTech



Mrs. Shilpa Sannamani

Assistant Professor

BE(CSE), M.Tech.(CSE)

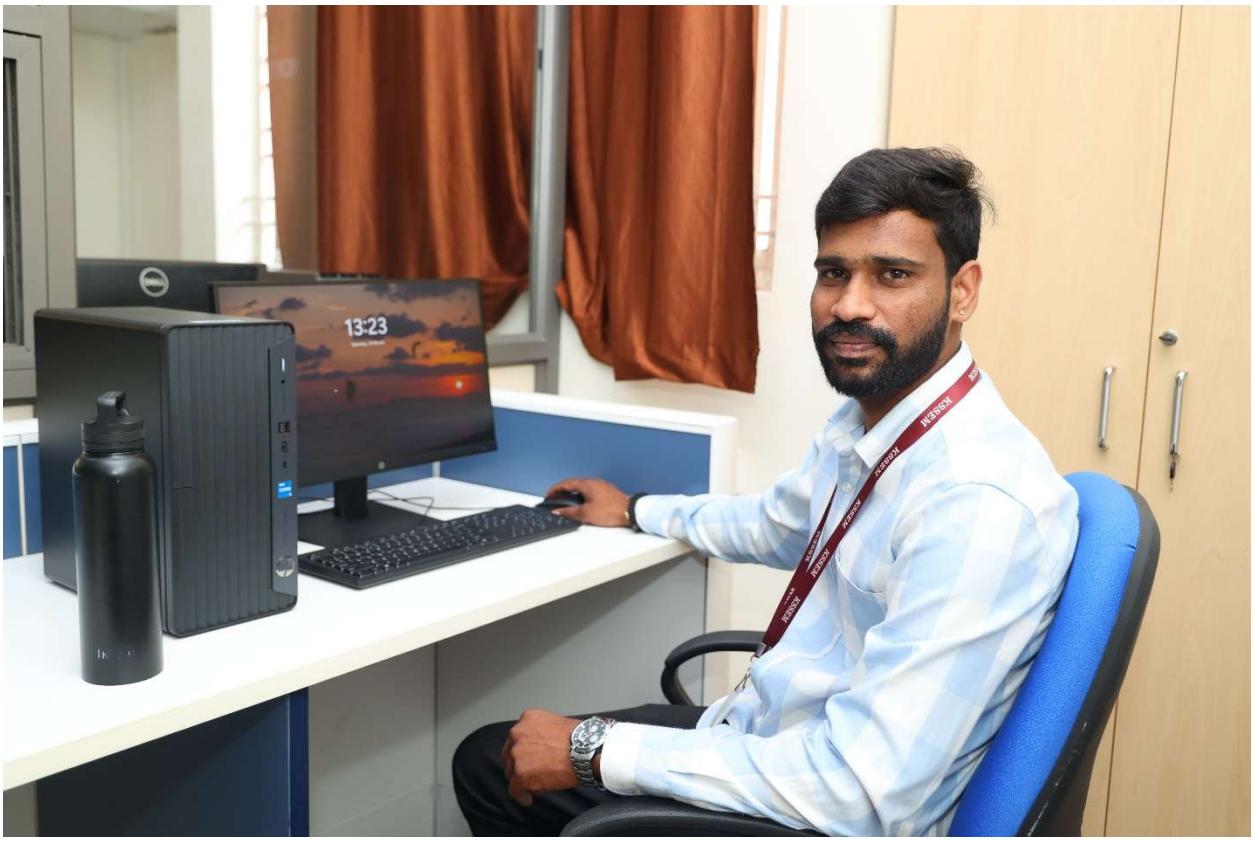
Supporting Faculty



Mrs. Pallavi V

Programmer

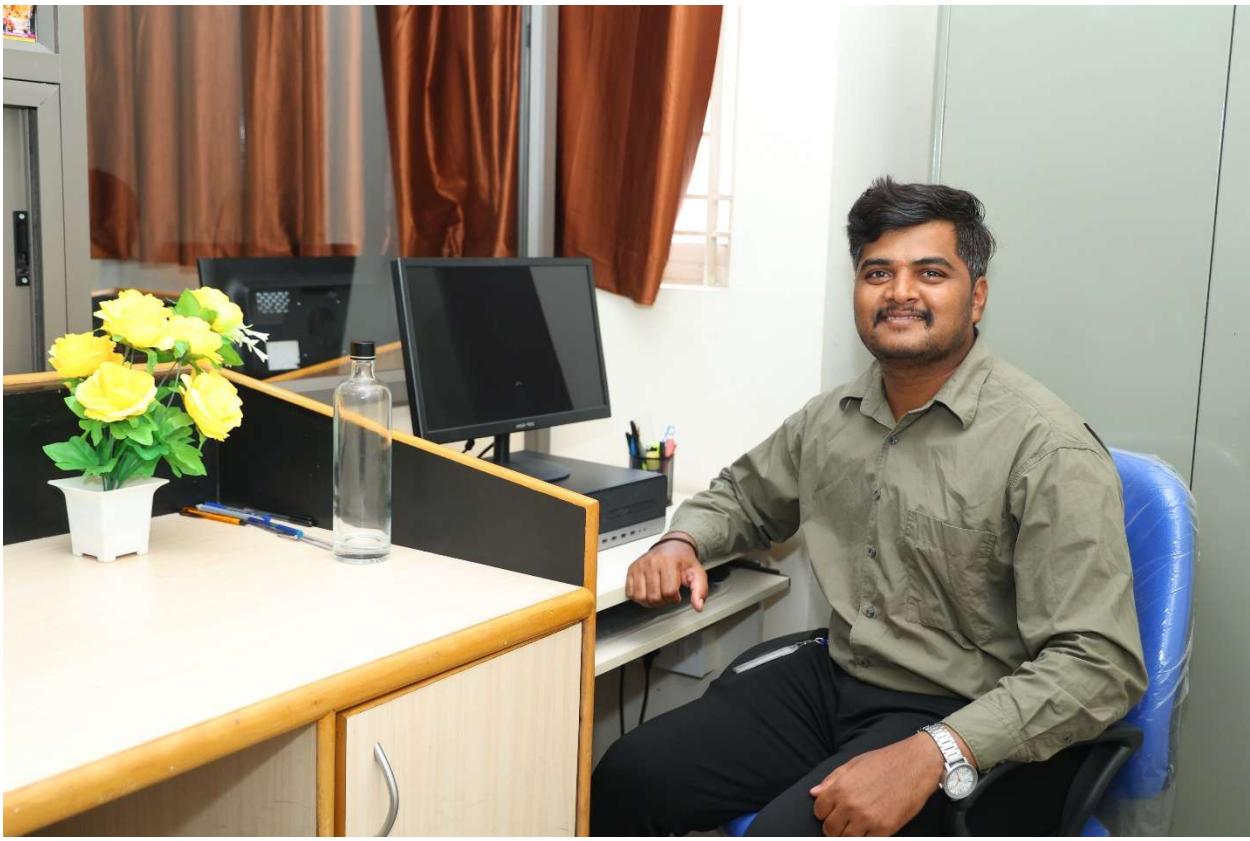
B.E CSE



Mr. Naresh P G

Programmer

B.Sc. Computer Sciences



Mr. Manjunath S

Programmer

B.E EEE



Mrs.Kalpana

Attender

SSLC



Bhuvan B

Programmer

B.E(ISE)



Dhanuja K N

Programmer

Pica AI

MCA



Harshitha L S

Office Assistant

M.com



Mr. Ramu S

Attender

SSLC



Mrs. Pavithra K M

Attender

SSLC

Department Labs

Artificial Intelligence and Data Science Department has fully furnished State of Art laboratories. All laboratories are well-equipped to run the academic laboratories courses. Highly experienced Technical staff are available in all the laboratories to assist the students to carry out their lab sessions.



B205 - Design & Analysis of Algorithms,
Data Structures Lab

Data Structure and Design and analysis of algorithm Laboratory

B-205 , Ground Floor



ADE and Microcontroller Laboratory

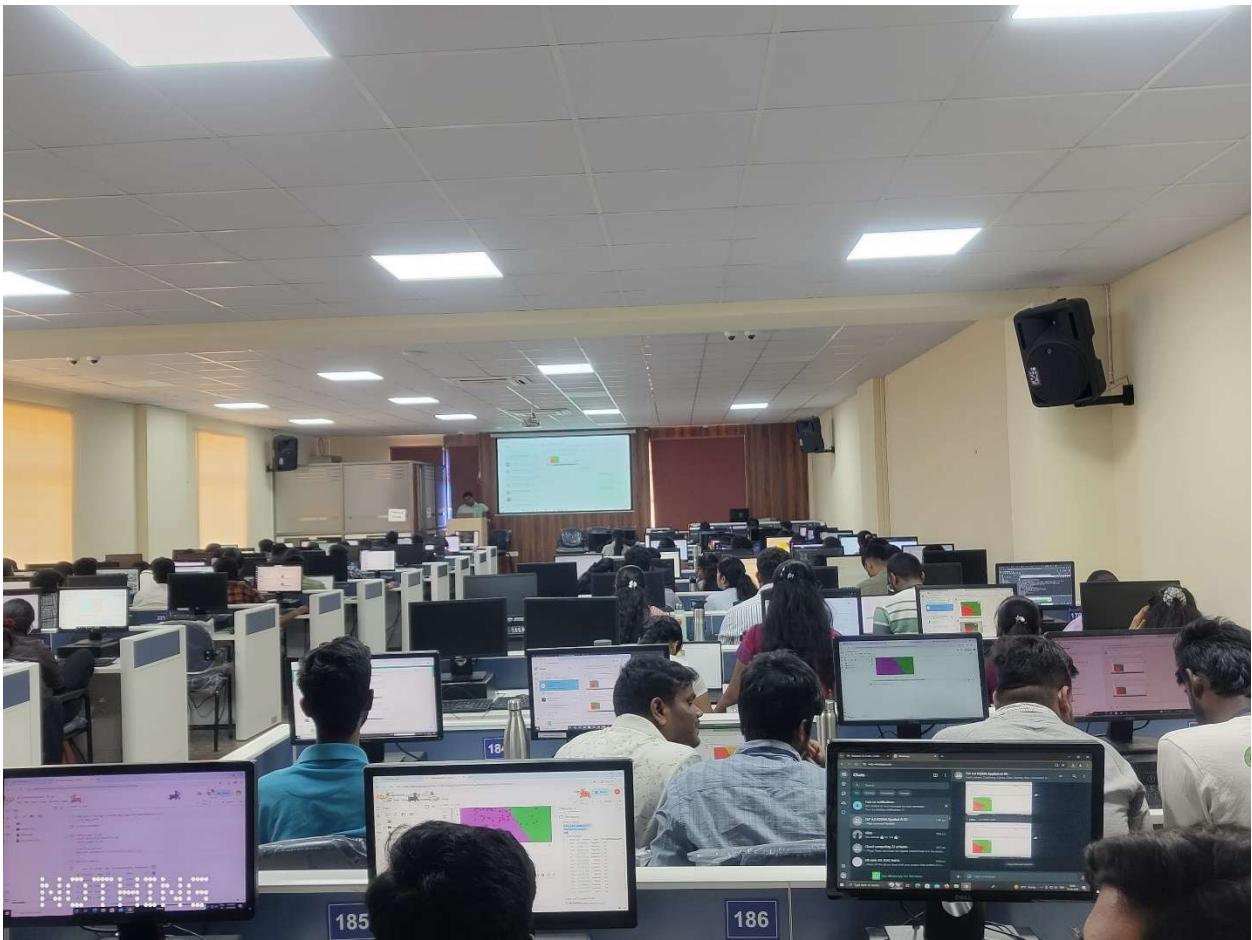
B 206 Ground Floor



SKILL LAB

Skill Lab

B-207, Ground floor



Alpha-Delta Seminar Hall

B-208, Ground floor



Object Oriented Programming and Java Laboratory

B214, Ground Floor

Departmental Library

Libraries are established for the systematic collection, organization, preservation and dissemination of knowledge and information. It is very important for person to preserve and maintain the valuable knowledge and information contained in the books and documents because we want to preserve our knowledge and wisdom for the coming generations. By preserving the documents in a library this knowledge can be made available to others so that they can benefit from it.

Libraries play a vital role in the development of any society by enhancing the cause of education and academic research. They cater to the information needs of thousands of peoples.

Higher Education

The department conduct higher studies awareness program in order to motivate the students to do higher studies both within the country and abroad. The department in

association with training and placement department helps students in understanding the importance of attempting various competitive exams like GATE, IELTS, GRE, TOEFL etc.

High-end Master's programs are: M.S, M.Tech, or M.E. in :

- Artificial intelligence
- Data Science
- Machine Learning
- Embedded systems
- Knowledge-based systems
- Bio-informatics
- Software Engineering
- Systems Engineering.
- Distributed Computing
- Image Processing
- Information Security
- Cyber Security

Student Club

Club Activities :

Social and Cultural club [\[view here\]](#)

Literary and communication club [\[view here\]](#)

More clubs

Internships are foundational in preparing students for the workforce and providing opportunities after graduation. Most employers seek career-ready college graduates who have been equipped with prior experiences and skills in a given field. An internship is important because it can present you with new skills and opportunities that student would not receive otherwise. Interns not only gain technical knowledge within the industry of their choice, but they also learn how to interact with professionals in a workplace setting, and develop essential soft skills like time management, organization, adaptability, problem-solving and teamwork. An internship is the best way to gain work experience as a student. Internships give you the valuable practical experience needed along with theoretical

knowledge. Employers often note that there is a disconnect between the requirements of the industry and the academics. This gap can be bridged by an internship and pitch you as an ideal candidate.

Internship 2021 Batch [\[view here\]](#)

Projects

Final year project is one of the most important aspects of Engineering degree. Final year project will be the first exposure to the full rigour of Engineering practice. It is essential that students learn from this exposure and practise all of the engineering methodologies involved. It is particularly important that students learn not just to apply what they know, but to apply it with judgement.

List of Projects batch 2021 [\[view here\]](#)

Projects Description 2021 batch [\[view here\]](#)

Mini-Projects

Mini projects for engineering students give an edge over the race of recruitment to work hard to ensure a good career. By taking up mini projects, students can gain practical knowledge. The technical skills can only be improved by taking up mini projects. Students become more productive.

Mini project details (2021 batch) [\[view here\]](#)

Mini project details (2022 batch) [\[view here\]](#)

Industrial Visit

Objectives of industrial visit is to provide students an insight regarding internal working of companies. Students know, theoretical knowledge which is not enough for making a good professional career. With an aim to go beyond academics, the department conducts industrial visit provides student a practical perspective on the world of work. The department also provides the visit to premier institutions like IISc and IIIT during Open Day and Open House respective events to give students awareness to newer technologies that help them in deciding the project topics during their final year.

Events

Expert talk on "RESUME BUILDING"

"To equip students with the skills to create a professional resume that effectively highlights their academic achievements, projects, and relevant skills, enabling them to secure internships and entry-level positions."

2025-10-06



Kammavari Sangham (R) 1952
K S SCHOOL OF ENGINEERING AND MANAGEMENT

No.15, Mallasandra, Off. Kanakapura Road, Bengaluru-560109 Affiliated to VTU,
Belagavi & Approved by AICTE, New Delhi, Accredited by NAAC

**DEPARTMENT OF
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**

Presents A Workshop On

**COMPUTER VISION &
GENERATIVE AI**

For 5th semester



Gowtham Eshwar B

Product Manager - LIVEWIRE



10 October
2025



10:45 am - 4:00 pm



AD Seminar Hall



IEEE
COMPUTER
SOCIETY

IEEE
ComSoc
IEEE Communications Society

IEEE
Sensors Council

IEEE
Education Society

INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of R&D initiatives)

Computer Vision & Generative AI

"To equip students with practical knowledge and technical skills in Computer Vision and Generative AI. The workshop aimed to bridge academic learning with industry practices by offering hands-on experience in object detection using YOLOv8 and OpenCV, prompt engineering with LLMs and APIs, and AI integration with IoT and cloud platforms."

2025-10-10

Generative AI Literacy

"The workshop aimed to provide a comprehensive understanding of Generative AI and its applications in literature. It was designed to equip participants with both theoretical knowledge and practical skills required to use AI in creating, analyzing, and enhancing textual content. The focus was on exploring how AI can assist in creative writing, academic research, content summarization, and other literary applications."

2025-09-29



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www.kssem.edu.in

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

FROM CURIOSITY TO CAREER: A ROADMAP



SWATHI CHAKRABAVI

Senior Datawarehouse Developer
Thinkproject
Paris, France

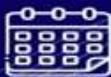
*An Insightful Webinar on Careers in
Artificial Intelligence & Data Science*



AD SEMINAR
HALL



2:00 - 3:00
PM



SATURDAY
24 MAY, 2025



IEEE



IEEE
BANGALORE SECTION



IEEE
COMPUTER
SOCIETY



A webinar on Curiosity to career -A Roadmap

"Department of AI&DS Conducted A Webinar on Curiosity to Career ? A Roadmap was organized to guide students on transforming their curiosity into meaningful career opportunities. The session highlighted skill-building, industry trends, and strategies for shaping a successful professional journey."

2025-05-24



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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
PRESENTS

THE HUMAN CODE

Learning, Living & Leading with Values



28 MAR,
2025



1:30 PM -
04:00 PM



AD SEMINAR
HALL



2ND SEM
AI&DS



SPEAKER

Dr. K Somashekhar
Professor, Dept of ECE
SJBIT



IEEE



IEEE
BANGALORE SECTION

IEEE Sensors Council

IEEE Education Society



IEEE
COMPUTER
SOCIETY



**INSTITUTION'S
EDUCATION
COUNCIL**

The Human Code Learning Living and Leading with Values

"Department of Artificial Intelligence and Data Science organized an expert talk nn
Department of AI&DS organized Talk on" The human code: Learning, Living & Leading with
Values"."

2025-03-28

Data science awareness workshop

"The AI&DS department conducted a Data Science Awareness Workshop to introduce students to the fundamentals and real-world applications of Data Science. The session covered key concepts like data preprocessing, machine learning, and visualization, highlighting its importance in industry and research."

2025-03-03



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K. S. SCHOOL OF ENGINEERING AND MANAGEMENT

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

IEEE **IEEE BANGALORE SECTION** **IEEE COMPUTER SOCIETY**

DEPARTMENT OF AI&DS, CSE & CS&BS

In Association with
edunet foundation

Organizing Workshop on

**APPLIED ARTIFICIAL INTELLIGENCE :
PRACTICAL IMPLEMENTATIONS
&
MERN STACK WEB DEVELOPMENT**

Program Sponsors

Microsoft **SAP**

30th September - 9th October, 2024

**AD Seminar Hall, G-Floor, B-Block
CS&BS Lab, 2nd Floor, B-Block
CSE Lab, G-Floor, A-Block**

Applied Artificial Intelligence practical implementation

"The AI & DS department conducted a Workshop on Applied AI to expose students to practical applications of Artificial Intelligence in solving real-world problems. The session emphasized hands-on learning in areas like machine learning, natural language processing, and computer vision, bridging theory with industry use cases."

2024-09-30

The poster is for a workshop titled "SOFTSKILLS & Employability". It features the logo of K.S. Group of Institutions, K.S. School of Engineering and Management, and Microsoft. The event is organized by the Department of Artificial Intelligence and Data Science in association with the Department of CSE, CSBS & ECE. Trainers listed are Ruchi Raman Gupta and Akash Ramachandra. The workshop is sponsored by Microsoft and is held from 13 Feb, 2025 - 15 Feb, 2025, from 09:30 AM - 05:00 PM in the Architecture seminar hall (CSE) and Civil seminar hall (AI&DS, CSBS,ECE). IEEE Bangalore Section, IEEE Sensors Council, IEEE Computer Society, and IEEE Education Society are also mentioned.

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
In Association with
DEPARTMENT OF CSE, CSBS & ECE

SOFTSKILLS & Employability

TRAINERS
RUCHI RAMAN GUPTA
SOFT SKILL TRAINER
AKARSH RAMACHANDRA
SOFT SKILL TRAINER

SPONSORED BY
Microsoft

13 FEB, 2025 – 15 FEB, 2025 09:30 AM – 05:00PM
Architecture seminar hall(CSE)
Civil seminar hall (AI&DS, CSBS,ECE)

IEEE Sensors Council IEEE COMPUTER SOCIETY IEEE Education Society

SoftSkills Employability

"The AI & DS department organized a Soft Skills and Employability Workshop to enhance students' communication, teamwork, and professional readiness. The session focused on building confidence, interview preparation, and essential workplace skills to improve career opportunities."

2025-02-13



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Accredited by NAAC



DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

*in Association
with*

APPLIED SCIENCES

AI&ML | VOIS OFFLINE TRAINING

TRAINERS

MR. VISHWAS U K

IABAC DATA SCIENTIST

MR. THOUFIQ Z

DATA SCIENCE
INSTRUCTOR

Training designed for all branches to enhance skills and drive success. Join us to grow, collaborate, and excel together!

**PROGRAMME
INCHARGE**

DR. SWARNA S

HOD,
DEPT. OF CHEMISTRY

PROF. PAVITHRA J

HOD,
DEPT. OF PHYSICS

VENUE: AD SEMINAR HALL & CCP LAB, MAIN BLOCK

DATE: 23 & 24 DEC, 2024 TIME: 9 AM - 4 PM



AI&ML VOIS Offline Training

"The AI & DS department organized an AI & ML VOIS Offline Training program in collaboration with VOIS to provide students with hands-on experience in Artificial Intelligence and Machine Learning. The training focused on real-world projects, industry practices, and skill-building to enhance employability."

2024-12-24



KSSEM
K S SCHOOL OF ENGINEERING AND MANAGEMENT



KSRIF
K S Research and Innovation Foundation



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)

KS GROUP OF INSTITUTIONS **K S SCHOOL OF ENGINEERING AND MANAGEMENT**

(Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi, Accredited by NAAC)

No.15, Mallasandra, Off Kanakpura Road, Bengaluru-560109

TALK ON **WASTE MANAGEMENT**

Part of NSS and SCR Activities

By Mr. D.R. Kumaraswamy



About the Speaker

D.R. Kumaraswamy is a
Former Chief Environmental Officer,
Karnataka State Pollution Control Board and
Director of Prakruthi Institute of Environmental Studies.

DATE:

6th March 2024

VENUE:

Architecture Seminar Hall

TIME:

1:00 PM - 3:30 PM

Organized by Department of Ai&Ds

Mr. Manjunath TK

Associate prof. & HOD
Dept. of AI&DS

Dr. K Ramanarasimha

Principal & Director
KSSEM

Dr. KVA Balaji

CEO, KSGI

Expert Talk on Waste Management

"Department of Artificial Intelligence and Data Science in association with Mechanical department organized a talk on Waste management for III semester AI&DS, Mechanical and Civil students ."

2024-11-22

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DEPARTMENT OF
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

In association with
 **MEVI TECHNOLOGIES**
Organizing Workshop on
**Empowering Decisions with
Analytics and Visualization**

 INSTITUTION'S
INNOVATION
COUNCIL
 IEEE
BANGALORE SECTION

 IEEE
COMPUTER
SOCIETY

 9.00 AM to 4.00 PM
20th to 23rd November , 2024

 New Alpha Delta Seminar Hall
B208 , B-BLOCK, G-FLOOR

Mr Vinay PT
Trainer and Developer
Mevi Technologies LLP

Mr Vijay BR
Trainer and Developer
Mevi Technologies LLP

Mr. Manjunath T K
Associate Prof. & HOD
Dept. of AI&DS

Dr.K Ramanarasimha
Principal & Director
KSSEM

Dr. KVA Balaji
CEO,KSGI

Empowering Decisions with Analytics and Visualization

"To equip students with practical data analytics and visualization skills using industry tools like SQL and Power BI."

2024-11-20



Kammavari Sangham (R) - 1952

K S School of Engineering & Management

Department of AI&DS

In Association with

Department of MBA Presents...

Think about Thinking
A Workshop for Growth...

Thursday

07 November 2024



9.00 am - 12.20 pm



AD-Seminar Hall



Prof. Manjunatha T K
HOD-AI&DS



Prof. Manjunatha S
HOD-MBA

*Join us for an immersive experience
designed to enhance your Thinking skills.*

www.kssem.edu.in

Expert Talk on Think about Thinking

"To empower final-year students with critical thinking and decision-making skills through an interactive session that encourages self-reflection, challenges assumptions, and fosters strategic thinking for personal and professional growth."

2024-11-07



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IEEE



IEEE COMPUTER SOCIETY



IEEE
BANGALORE SECTION



DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

In Association with

DEPARTMENT OF CSE, CSBS, ECE

And

Edunet Foundation



Organizing Workshop on

AI FOUNDATION COURSE

Trainers

Mr. Piyush Pankaj & Mr. Thoufiq



23rd – 25th
October 2024



AD Seminar Hall B-Block
CPL Lab A-Block



9AM – 12PM
1PM – 4PM

Program
Sponsor



Workshop on AI Foundation Course

"AI & DS department has organised a 3 days workshop on AI Foundation course for 3rd semester students from 23-10-24 to 25-10-24"

2024-10-23

 **K. S. GROUP OF INSTITUTIONS**
KSSEM **K. S. SCHOOL OF ENGINEERING AND MANAGEMENT**



DEPARTMENT OF AI&DS, CSE & CS&BS

In Association with

 **Edunet Foundation**

Organizing Workshop on

**APPLIED ARTIFICIAL INTELLIGENCE :
PRACTICAL IMPLEMENTATIONS
&
MERN STACK WEB DEVELOPMENT**

Program Sponsors

 Microsoft

 SAP

 30th September –
9th October, 2024

 09:00AM – 4:00PM

 AD Seminar Hall, G-Floor, B-Block
CS&BS Lab, 2nd Floor, B-Block
CSE Lab, G-Floor, A-Block

Workshop on Applied Artificial Intelligence

"Department of AI & DS organised a workshop on Applied Artificial Intelligence from 30-9-24 to 09-10-24. It was conducted by Edunet Foundation sponsored by Microsoft and SAP"

2024-09-30

Ifosys Spring Board -SEP Program Softskills training

"The Soft Skills & Employability Training sponsored by Microsoft aimed to equip participants with essential professional skills to enhance their career readiness."

2025-02-15



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IEEE **IEEE BANGALORE SECTION** **IEEE COMPUTER SOCIETY** **INSTITUTION'S INNOVATION COUNCIL**

ACE YOUR JOB INTERVIEW: EXPERT TIPS FROM THE IT INDUSTRY
ORGANIZED BY
THE DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
IN ASSOCIATION WITH THE IEEE COMPUTER SOCIETY



SPEAKER :
Mrs. Geetha Narayananamurthy,
Senior Product Manager -
Data Analytics,
Shell India Markets Pvt LTD

Date: 14th September, 2024
Time: 10:00am - 11:00am
Venue: AD SEMINAR HALL

Mr. Manjunath T K
Associate Prof. & HOD
Dept. Of AI&DS

Dr. K Rama Narasimha
Director, Principal
KSSEM

Dr. K. V. A Balaji
CEO, KSGI

ACE your Job Interview: Expert tips from IT Industry

"Department of Artificial Intelligence and Data Science organized an expert talk on how to face job interview during campus drive and improve their skills by Mrs Geetha Narayananamurthy, Senior product manager, Data Analytics, Shell India Pvt. LTD"

2024-09-14

"Exclusive Orientation Program: Edunet Foundation & IBM Student Developer Program"

"The department of Artificial Intelligence and Data Science Engineering, KSSEM, in association with IEEE KSSEM Student branch organized a Seminar on, 'Exclusive Orientation Program: Edunet Foundation & IBM Student Developer Program', "

2024-09-04



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EXPERT TALK ON

INTRODUCTION TO CYBER SECURITY

ORGANIZED BY

**THE DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
IN ASSOCIATION WITH THE IEEE STUDENT BRANCH**

SPEAKER :

Syeda Thasnim Fathima
Cyber Security Mentor
Rubixe

Date: 11th July, 2024

Time: 1:30pm - 3:30pm

Venue: AD SEMINAR HALL

Mr. Manjunath T K
Associate Prof. & HOD
Dept. Of AI&DS

Dr. Rama Narasimha
Director, Principal
KSSEM

Dr. K. V. A Balaji
CEO, KSGI

Expert talk on Introduction to Cyber Security

"Department of AI&DS Organised expert talk on Introduction to Cyber Security by Syeda Thasnim fathima, cyber security mentor, Rubixe"

2024-07-11



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INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)

DEPARTMENT OF

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

In Association with



MEVI TECHNOLOGIES

Organizing Workshop on

DATA ANALYTICS

Dive into Data Analytics!



4th - 6th June, 2024



09:00AM-5:00PM



New Alpha Delta Seminar Hall,
B208, B-BLOCK, G-FLOOR



Mrs Megha BS

Trainer and Developer
Mevi Technologies LLP

Mr. Manjunath T K
Associate Professor & HOD
Dept Of AI & DS

Dr. K Ramanarasimha
Principal & Director
KSSEM

Dr.KVA Balaji
CEO
KSGI

Data Analytics

"Department of AI&DS Organised workshop on Data Analytics by Mrs. Megha B S, Trainer and Developer, Mevi Technologies LLP"

2024-06-04



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K. S. SCHOOL OF ENGINEERING AND MANAGEMENT

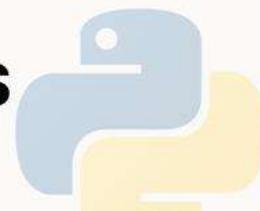


DEPARTMENT OF
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

In association with



MEVI TECHNOLOGIES



Organizing Workshop on

DEEP LEARNING USING PYTHON



9.00 AM to 4.00 PM

23rd to 28th May, 2024



New Alpha Delta Seminar Hall
B208 , B-BLOCK, G-FLOOR



Mrs Megha BS
Trainer and Developer
Mevi Technologie LLP

Mr. Manjunath T K

Associate Prof. & HOD
Dept. of AI&DS

Dr.K Ramanarasimha

Principal & Director
KSSEM

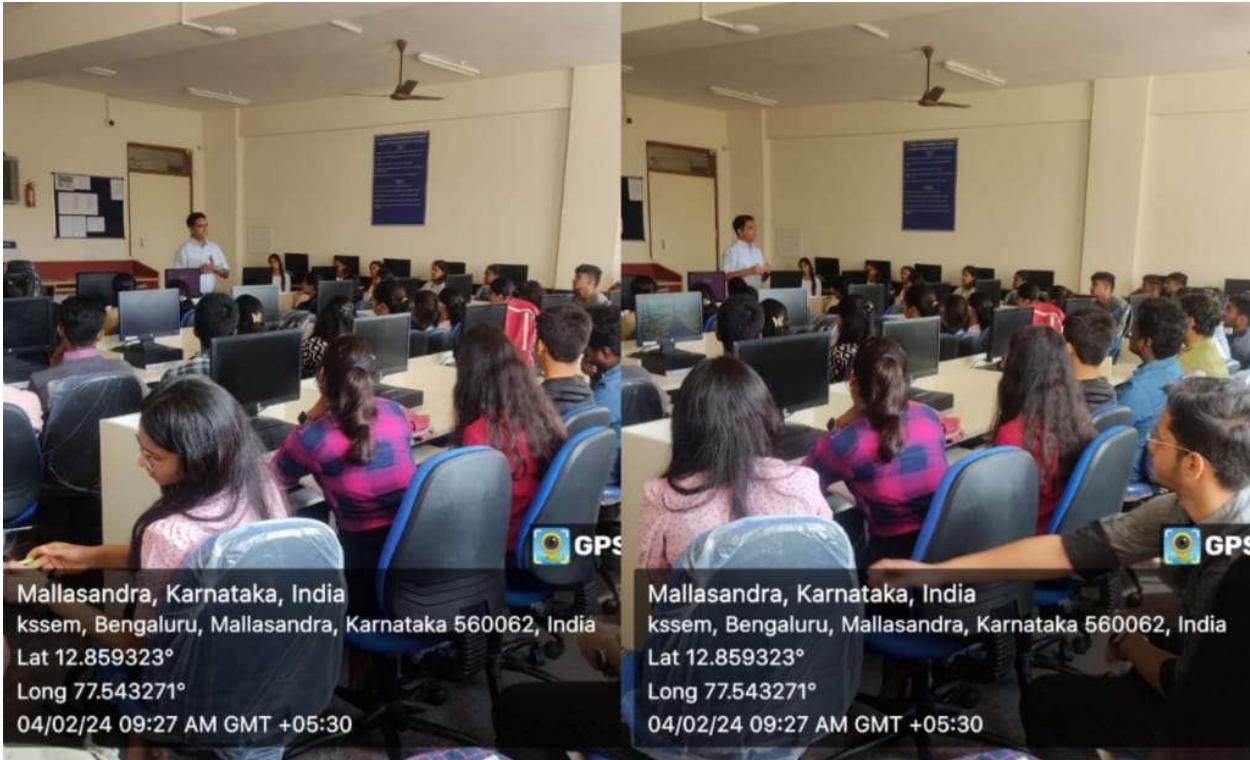
Dr. KVA Balaji

CEO,KSGI

Deep Learning using python

"Department of AI&DS Organised workshop on Deep Learning using Python by Mrs. Megha B S, Trainer and Developer, Mevi Technologies LLP"

2024-05-23



Expert talk on Advanced DAA

"Department of AI&DS organized expert talk on Advanced DAA -Guide to successful interview by Dr. Girish Salanke "

2024-02-04



Expert Talk on Health,Nutrition and Fitness

"Department of AI&DS Organized Expert Talk on Health,Nutrition and Fitness by Mr. Rajeev H B"

2024-01-29



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No.15, Mallasandra, Off Kanakapura Road, Bengaluru-560109

**Dept. of Artificial Intelligence & Data Science
is Organizing**

**Technical Talk On
Generative Ai**

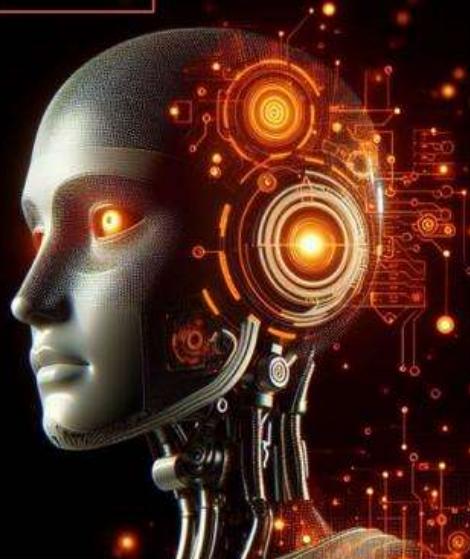
By
Mr. Sridev Ramesh
Mr. Siddhant Goswami
100x Engineers

For 3rd and 5th Semester
AI&DS Students

DATE:
10th January 2024

VENUE:
Architecture Seminar Hall

DURATION:
3 Hours



Mr. Manjunath TK
Associate prof. & HOD
Dept. of AI&DS

Dr. K Ramanarasimha
Principal & Director
KSSEM

Dr. KVA Balaji
CEO, KSGI

Technical Talk on Generative Ai

"Department of AI&DS organized technical talk on Generative AI by Mr. Sridev Ramesh and Mr. Siddhant Goswami(100x Engineers)"

2024-01-10

Technical Talk on Unlocking the Secrets of Git and GitHub

"Department of Artificial Intelligence organized workshop on "Unlocking the Secrets of Git and GitHub" for VI Semester students. It was conducted by Pygenic Arc."

2024-08-01

Career Guidance

"Department of Artificial Intelligence and Data Science, organized talk on career guidance by Mr. Narayan R, JB Portals Founder"

2023-12-08



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WORKSHOP ON MICROSOFT AZURE-AI FUNDAMENTALS IN ASSOCIATION WITH MICROSOFT

DAY 1

Fundamentals of AI,
Machine learning,
Azure AI services,
Computer Vision

DAY 2

Fundamentals of
Facial recognition,
OCR,
Text Analysis

DAY 3

AI speech,
AI document intelligence,
Knowledge mining using
Azure

DAY 4

Prompt Engineering with
Azure, Open AI service,
Q&A session.

25TH, 26TH NOVEMBER & 2ND, 3RD DECEMBER 2023

ORGANIZED BY DEPT. OF AI&DS

Mr. Manjunath T K
Associate Prof. & HOD
Dept. of AI&DS

Dr. K Ramanarasimha
Principal & Director
KSSEM

Dr. KVA Balaji
CEO, KSGI

Workshop on MS Azure AI Fundamentals

"Internship on Microsoft Azure AI Fundamentals was conducted by IN_BIOT Pvt. Ltd., Microsoft associates. Resource Person: Mrs. Anjali, IN-BIOT Pvt. Ltd."

2023-11-25

Orientation on Techsaksham Programme Edunet Foundation

"Online Orientation program was conducted by team from Edunet Foundation, to promote the objectives and benefits of this program"

2023-11-28



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No.15,Mallasandra,off Kanakpura Road,Bengaluru-560109

EXPERT TALK ON

SYSTEM ENGINEERING

Date: 23.11.2023

Venue:
ARYABATTA SEMINAR HALL

Timings: 10a.m

Resource person:

Mr.Kantha Chikkegowda
Lead system Engineer,
Aircraft system Lead,
Honeywell Aerospace

Organized by Dept. of Artificial
Intelligence & Data Science

Dr. K Ramanarasimha

Principal & Director
KSSEM

Mr. Manjunath T K
Associate Prof.&HOD
Dept. of AI&DS

Dr. KVA Balaji
CEO,KSGI

Expert talk on System Engineering

"Department of Artificial Intelligence and Data Science organized a talk on System engineering and it's significance and relevance were introduced to the students. Resource persons: Mr. Kantha Chikkegowda"

2023-11-23

FOUNDATIONS OF DATA SCIENCE FOR MACHINE LEARNING

"Department of AI and DS organized workshop for IV Semester, BE (AI & DS) students on Foundations of Data Science for machine learning conducted by INBIOT Pvt. Ltd."

2023-08-19



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EXPERT TALK ON **DESIGN & ANALYSIS OF ALGORITHMS**

Date:
16/08/2023

Venue:
B203

Dept. of AI&DS

Timings:
9:00 AM - 3:00 PM

Resource Person

Mr. Girish Rao Salanke
Professor - Dept. of CSE
RVCE, Bengaluru

**Organized by Dept. of
Artificial Intelligence
& Data Science**

Mr. Manjunath T K
Associate Prof. & HOD
Dept. of AI&DS

Dr. K Ramanarasimha
Principal & Director
KSSEM

Dr. KVA Balaji
CEO, KSGI

Expert Talk - Design and Analysis of Algorithms

"Department of AI & DS organized expert talk on DAA - Resource Person (Mr. Girish Rao Salanke"

2023-08-16



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Workshop on

ADVANCED EXCEL AND FUNDAMENTALS OF DATA SCIENCE

by Microsoft



DATE:
27th May 2023

Venue:
JAVA Lab

Time:
8:40 AM

Advanced Excel Workshop

"Workshop on Advanced Excel and Fundamentals of Data Science was conducted on 27th May, 2023 by IN-BIOT Private Ltd (Microsoft Associate)."

2023-05-27



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No.15, Mallasandra, Off Kanakpura Road, Bengaluru-560109

EXPERT TALK ON **ORGANIC FARMING & WASTE MANAGEMENT**

(PART OF SOCIAL CONNECT & RESPONSIBILITIES)

Date:
21/02/2023

Venue:
**SEMINAR HALL
ARCHITECTURE BLOCK
KSSA**

Timings:
1:30PM - 3:30 PM

Resource Person
Dr. Ambarish B N
Agri Journalist &
Documentary Film Maker
Bengaluru

Organized by Dept. of
**Artificial Intelligence
& Data Science**

Mr. Manjunath T K
Associate Prof. & HOD
Dept. of AI&DS

Dr. K Ramanarasimha
Principal & Director
KSSEM

Dr. K V A Balaji
CEO, KSGI

Expert Talk on Organic Farming and Waste Management

"Department of AI & DS conducted Expert talk on Organic Farming and Waste Management as part of Social Connect and Responsibility"

2023-02-21



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WORKSHOP

On

APPLICATION OF IOT

Organized by

Department of Artificial Intelligence & Data Science

Date: 21/01/2023 & 22/01/2023

Venu: Block 1,
C Programming Lab

RESOURCE PERSON

Dr.Sreenivasa Setty
SST Technologies
Bengaluru

MR.MANJUNATH T K

Associate Professor & HOD, Department of AI&DS

DR.K.RAMANARASIMHA

Principal & Director

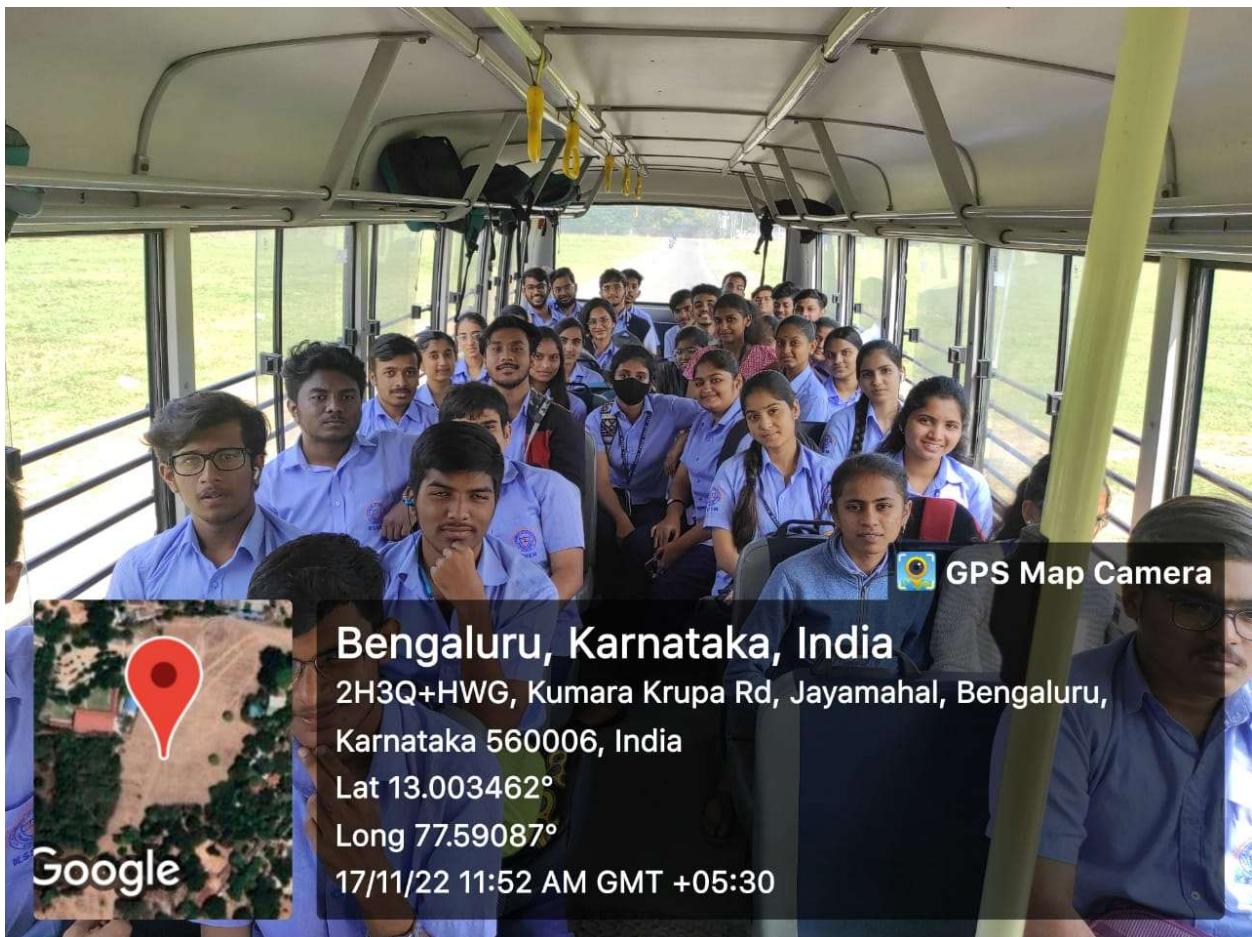
DR. K. V. A. BALAJI

CEO, KSGI

IOT Workshop

"Workshop impart knowledge in various cutting edge and emerging technologies. One such technology being IOT.The resource person was Dr. Srinivas Setty, who vast experience and knowledge in the field of IOT. "

2023-01-21



BangaloreTechSummit

"25 th edition of Bengaluru Technology summit is India's flagship technology event and Asia's largest tech summit. It was held on 17/11/2022. The event fostered international engagements and discussions across domains including FinTech, EdTech, Semiconductors, and Biotechnology, among others, in the country. "

2022-11-17



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SESSION ON ACCELERATORS/INCUBATION

Topic :

Opportunities for
Students & Faculties – Early-Stage Entrepreneurs



25th August
2025



AD Seminar Hall



1:30PM - 4:00
PM



Samarth R

Founder and Head of Sales



Varun Bhat

Founder and Head of Innovations



Lakshmi Sagar

Co-Founder and Head of Marketing



IEEE Communications Society



session on accelerator and incubation

"An accelerator and incubation session provides guidance, mentorship, and resources to support startups in transforming innovative ideas into scalable businesses. It focuses on nurturing entrepreneurship through funding, networking, and expert support."

2025-08-25

EXPERT TALK ON OS DEMYSTIFIED FROM KERNEL TO INTERFACE

"The Departments of AI & DS hosted talk on "OS Demystified from kernel to user interface" to provide students with information so they could ace interviews. "

2024-02-04

E-resources

A large number of Electronic Resources are available for all the subjects.

1st year C- Certification link- [\[view here\]](#)

1st year Python- Certification link [\[view here\]](#)

1st year DSA- Certification link [\[view here\]](#)

2 nd year Java-certification link [\[view here\]](#)

2 nd year web-development-certification link [\[view here\]](#)

2 nd year SQL-certification link [\[view here\]](#)

3 rd year Matplotlib-certification link [\[view here\]](#)

3 rd year NumPy-certification link [\[view here\]](#)

3 rd year OpenCV-certification link [\[view here\]](#)

3 rd year Pandas-certification link [\[view here\]](#)

4 th year Big Data-certification link [\[view here\]](#)

4 th year Apache Spark-certification link [\[view here\]](#)

4 th year Kafka-certification link [\[view here\]](#)

3rd year Machine Learning-certification link [\[view here\]](#)

4th year Apache Flink certification link [\[view here\]](#)

VTU resources [\[view here\]](#)

Project Exhibition

Project Presentation is organized to evaluate the projects by experts from Academic Institutions and/Industry. The students demonstrate the projects to the jury. The evaluation is done and 2 prizes are awarded for the best projects.



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K. S. SCHOOL OF ENGINEERING & MANAGEMENT

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Belagavi & Approved by AICTE, New Delhi, Accredited by NAAC

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

PRESENTS

FINAL.EXE

FINAL YEAR STUDENTS PROJECT EXHIBITION

NATIONAL TECHNOLOGY DAY

JUDGE



Mrs. GEETHA NARAYANAMURTHY

Director - Analytics,
Infineon



10th MAY 2025



10am - 4pm



B207 - SKILL LAB

B205 - DS LAB



IEEE



IEEE
BANGALORE SECTION



IEEE
COMPUTER
SOCIETY



IEEE

Sensors Council



IEEE
Education Society



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)

MOUs Signed

This Memorandum of Understanding (MoU) establishes the general terms and modalities for collaboration between the industry and K.S. School of Engineering and Management (KSSEM). The purpose of this partnership is to enhance knowledge sharing and foster meaningful interactions among industry experts, scientists, research scholars, and faculty members. Through this collaboration, both parties aim to jointly organize conferences, workshops, seminars, and hackathons, thereby promoting a culture of innovation and continuous learning. The MoU also seeks to provide KSSEM students with valuable industry exposure by facilitating internships, industrial training, and guided project work, all under mutual agreement. Additionally, the industry will be granted access to institutional infrastructure such as the library, internet, and computational facilities to support collaborative initiatives and research activities.

- Data Flair [\[view here\]](#)
- Edunet_TechSaksham [\[view here\]](#)
- Exceler [\[view here\]](#)
- Pygenicarc [\[view here\]](#)
- Microsoft [\[view here\]](#)
- Mevi Technologies [\[view here\]](#)
- edunet_IBM [\[view here\]](#)