AKS University SATNA

Department of Computer Science & Engineering (CSE)

Faculty of Engineering & Technology

Prof (Dr) G.K Pradhan
Dean,
Faculty of Engineering and Technology

Prof. (Dr.) Akhilesh A. Waoo
Associate Dean and Head,
Department of Computer Science
& Engineering, FE&T

ABOUT DEPARTMENT

The Department of Computer Science & Engineering was established in the year 2012 at AKS University, Satna. It is fully committed to prepare its students with a vision, creativeness and newness so that they can face the challenges of the corporate world. Highly qualified and experienced faculty members of the department play a major role in the university.

The department aims to provide its students with an updated curriculum to analyze, develop, and monitor computers & their various applications as a blend of theory, practical, projects and seminars. The main goals are to enhance problem-solving skills, innovative thinking, analytic, teamwork, developing good communication skills, and readiness to learn new technologies such as artificial intelligence, IOT, machine learning, cloud computing, network security, etc.
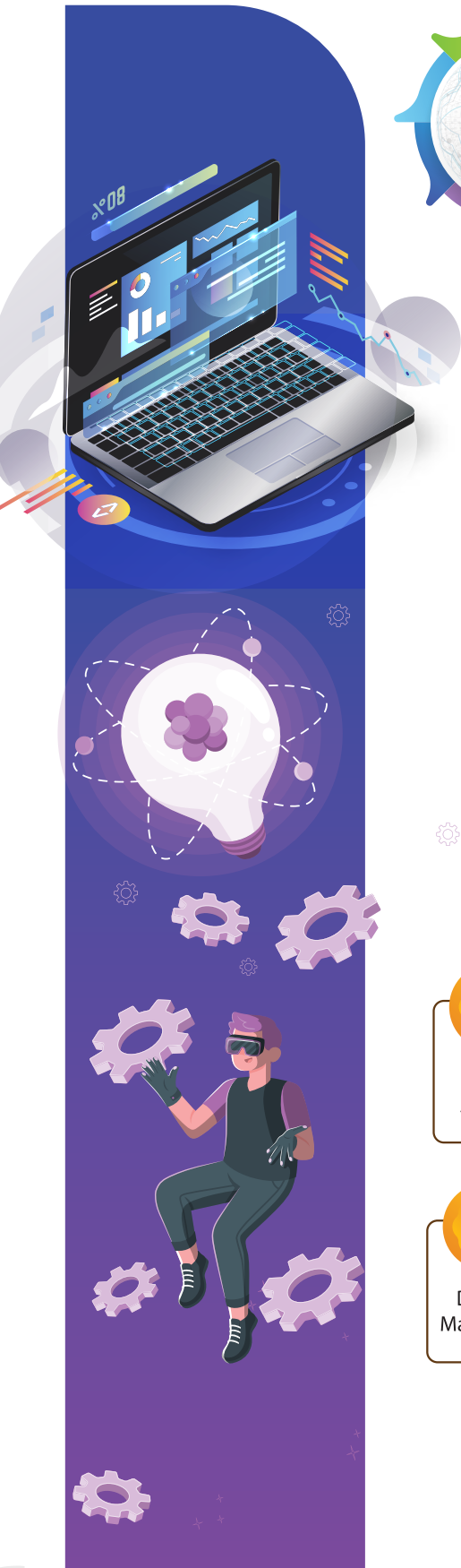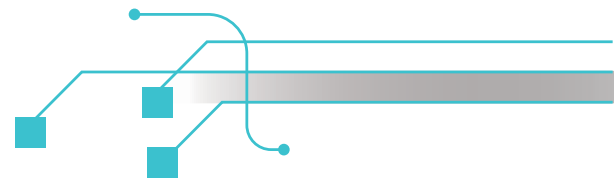
VISION

To be globally recognized premier Research University dedicated to "Amicable Knowledge Solutions" with ethical leadership, cooperation, community involvement and research prowess converges to forge innovative solutions for societal challenges and contribute to sustainable future.
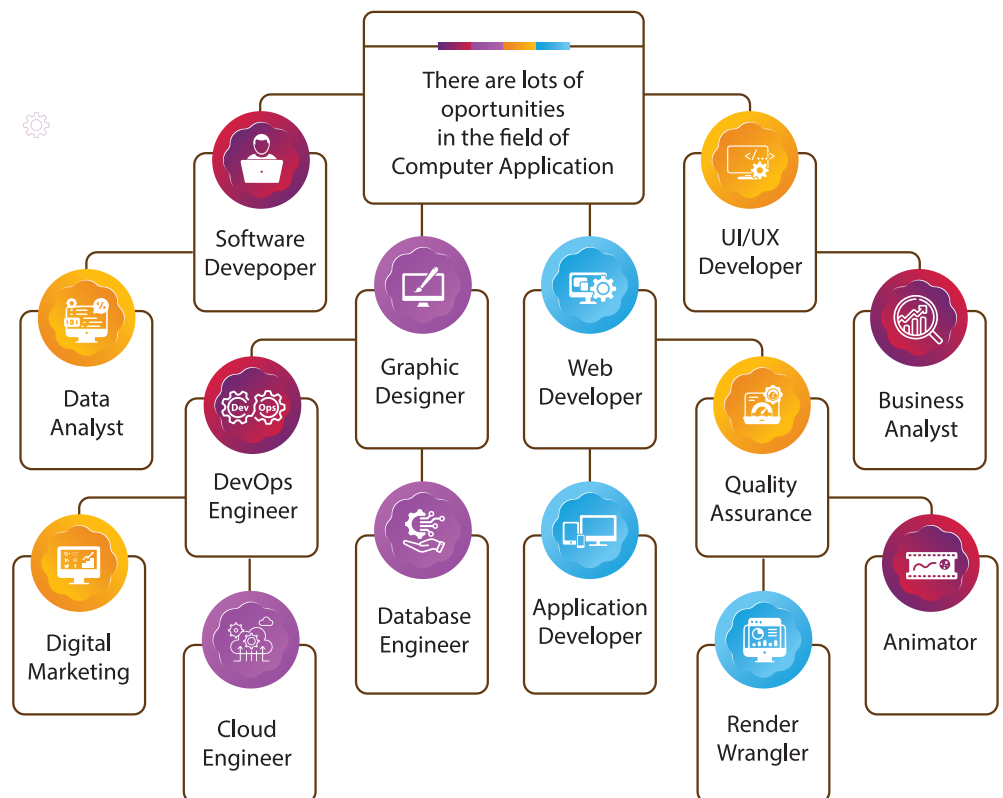
MISSION

- To promote multidisciplinary sustainable research in all faculties of University, and enhance our position as one of the best research and teaching universities.
- To promote innovation at all level in all faculties of University and provide emphasis on IPR, patents, incubation centre/s and startups.
- Implement updated outcome- based curricula (OBE), develop graduate attributes among all students and create student centric teaching and learning environment.
- To develop proper correlation between teaching and research employing new approaches and pedagogies.
- Develop collaborations with premier national and international institute, universities and industries.
- To promote abilities of lifelong learning and life skills among all students and to impart value based and culturally rich education.
- Emphasis on quality education and promote teaching and research on sustainable

Courses Offered

B.Tech. (CSE) 4 Years

B.Tech. (CSE) Cyber Security 4 Years

B.Tech. (CSE) AI & DS 4 Years

IBM B.Tech. (CSE) AI & ML 4 Years

M.Tech. (CSE) 2 Years

Diploma (CSE)

Ph.D. Computer Science & Engineering

Future Job Opportunity

There are lots of oportunities in the field of Computer Application

- Software Devepoper
- UI/UX Developer
- Data Analyst
- Graphic Designer
- Web Developer
- Business Analyst
- DevOps Engineer
- Quality Assurance
- Digital Marketing
- Database Engineer
- Application Developer
- Animator
- Cloud Engineer
- Render Wrangler

Department Key Features

100+ LAPTOP LAB

Highly Qualified & Experienced Faculty Members

Students placed in MNCs

Secured Campus with **1000+** Camera

Industry-Based Training

Sensor Based Classrooms, Labs, Staff Rooms to Save Electricity

Pre-Placement & Internship Training Program

Virtual Classes with AKS Meet and NS2 i-UMS.

Center of Excellence – Cyber Security

IBM Workshop in Laptop Lab

DIDAC Visit – New Delhi

COMPUTER LABS

BOOKS IN DEPT. LIBRARY

SMART TV/BOARD

05

03

1115

100+

20

283

24

IoT Devices

COMPUTER

CLASSES

PROJECTORS

Book Published

First Edition — ARCHITECTING THE CLOUD — PRINCIPLES AND PARADIGM

CHALLENGES IN CYBERSECURITY AND PRIVACY

RECENT TRENDS IN COMPUTATIONAL INTELLIGENCE AND ITS APPLICATION

DATA SCIENCE FOR BIGINNERS

SUSTAINABLE DEVELOPMENT GOALS — DR. AKHILESH A. WAOO

ADVANCE COMPUTER NETWORKS

THE PRINCIPLES OF SOFTWARE ENGINEERING — *First Edition*

WIRELESS SENSOR NETWORKS A NETWORKING PERSPECTIVE

COMMUNICATION NETWORKS

FUNDAMENTALS OF COMPUTER NETWORKING — First Edition

& many more...

Student Placement

GATE Qualified — **Himanshu Nankani** B.Tech (CSE)

Pkg : ₹ 20 LPA
Pawan Garg
B.Tech. (CSE)
Sufalam

Pkg : ₹ 12 LPA
Er. Anurag Tamrakar
B.Tech. (CSE)
syncsort

Pkg : ₹ 12 LPA
Subhashish Das
B.Tech. (CSE)
tcs TATA CONSULTANCY SERVICES

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B.Tech. (CSE)
GlobalLogic
A Hitachi Group Company

Pkg : ₹ 8.5 LPA
Varsha Kashyap
B.Tech. (CSE)
searce

Pkg : ₹ 8.5 LPA
Rajni Soni
B.Tech. (CSE)
BYJU'S
The Learning App

and many more...

International MoUs

Google Digital Campus: Advanced AI, Cloud Computing, and Digital Technologies training.

Microsoft: Empowering students with cutting-edge tools, certifications, and software solutions.

TCS: Industry-integrated programs and placement opportunities for holistic development.

**Accenture:** Specialized technical and non-technical training aligned with industry standards.

RedHat: Expertise in open-source technologies and global certifications for enhanced employability.

IBM: Empowering innovation through cutting-edge training and research with IBM University Collaboration.

CSC Council: Excellence in cybersecurity education and research through collaboration with the CSC Council USA.
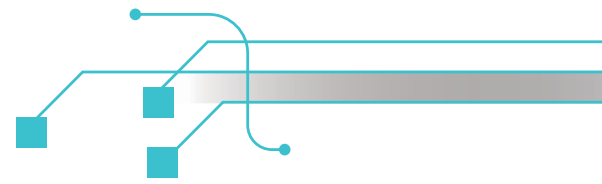
Building a future-ready workforce with **Global Tech Leaders!**

TOPPERS OF Red Hat
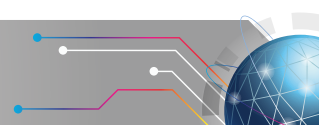Red Hat Certified System Administrator (RHCSA)

Anurag Dwivedi
300/300

Varsha Kushwaha
295/300

RedHat Linux
Student Ambassador

Pradeep Singh
Arpita Tiwari
Akhilesh Das

Departmental Activities

with
MP's Honorable CM
Dr. Mohan Yadav Ji
during
Azadi ka Amrit Mahotsava
Competition

Recognition as Torchbearer in IDA Award

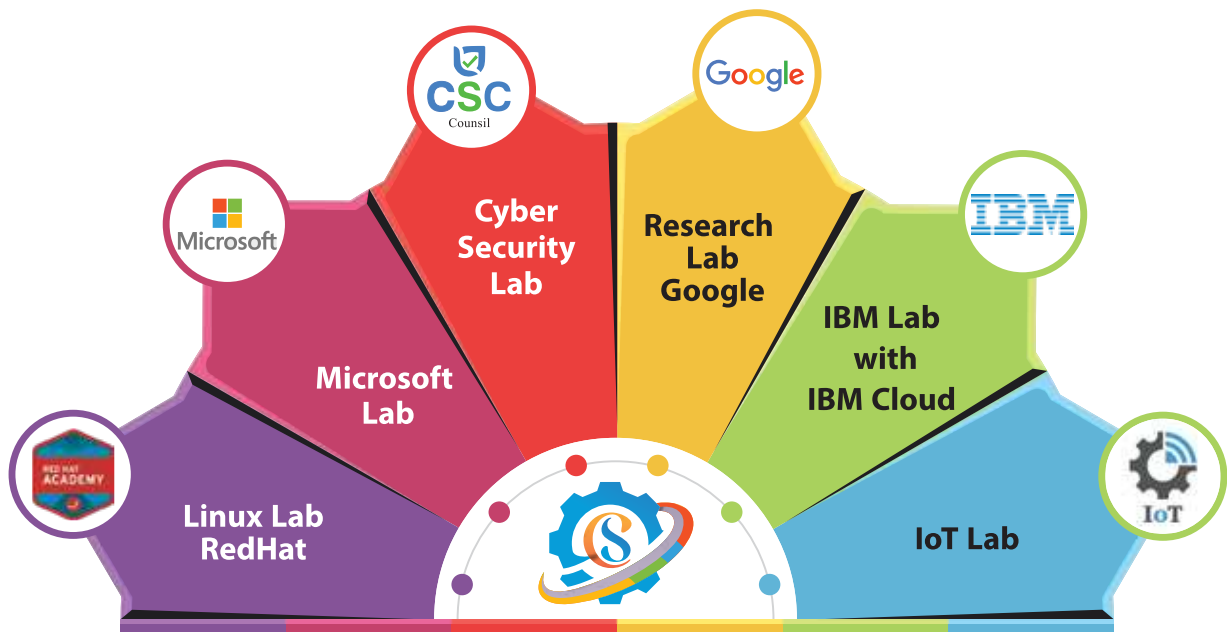First Position in National Hackathon

Movie @ PVR

Laptop Winner in Hackathon

APL (AKS Sports League) Competition

Lab Infrastructure

CSC Counsil — Cyber Security Lab

Google — Research Lab Google

IBM — IBM Lab with IBM Cloud

Microsoft — Microsoft Lab

RedHat Academy — Linux Lab RedHat

IoT Lab

HACKATHONS
Organized
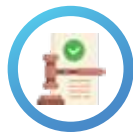by AKS Development Student Club (ADSC)

INTERNATIONAL
Conference
THEETAS 2022

INTERNATIONAL
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14 Patents Published

282 Research Papers

291 Book Chapters

FACULTY SELECTED BY UGC
of
Hindi Bhasha Book Writing

Book Title – Operating System by Dr. Akhilesh A. Waoo

PH.D.
RESEARCH SCHOLARS

34 COMPUTER SCIENCE

17 COMPUTER SCIENCE ENGINEERING

600+ Citations

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- MIRZA SAMIULLA BEG
- ANURAG SINGH
- VIRENDRA TIWARI
- LOKENDRA GOUR

PHD SCHOLARS ACHIEVEMENTS

06 Best Paper Awards

30 Conference Presentations

40 Paper Publications

05 Books

05 Patent by Scholars

Department of
Computer Science & Engineering (CSE)
Faculty of Engineering & Technology

CONTACT US

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www.cs.aksuniversity.org

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