UNIVERSITY OF DR.PSJKUMAR

B.S/B.TECH
COMPUTER SCIENCE AND ENGG

CURRICULUM 2023-24
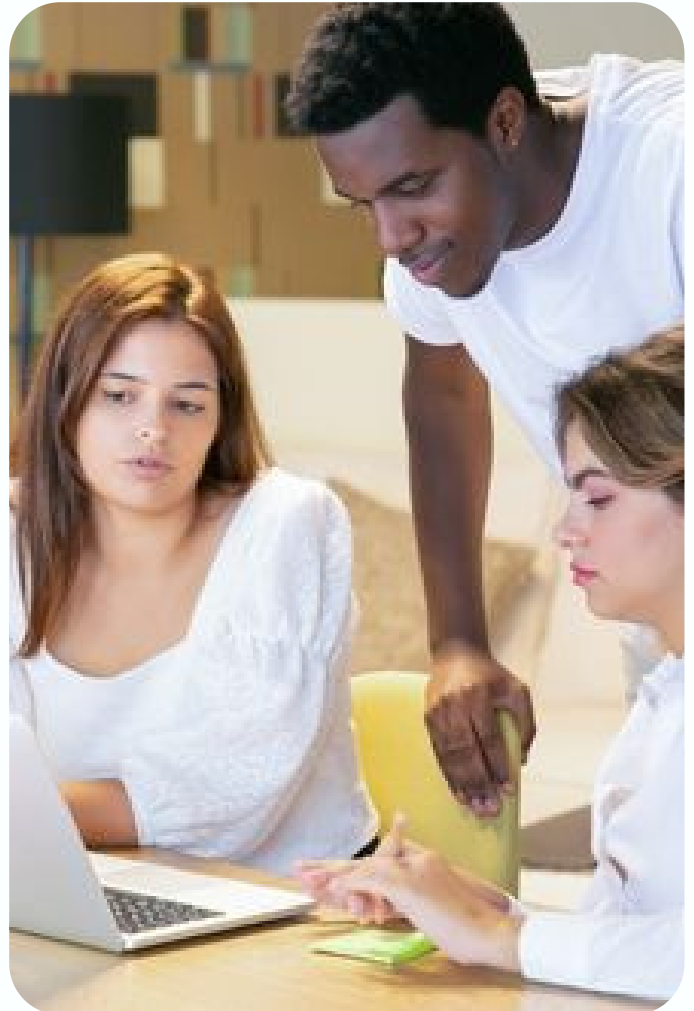
SCHOOL OF SCIENCE AND TECHNOLOGY

ABOUT US

University of Dr.PSJKumar School of Science and Technology has various programs for diplomas, degrees, masters, and doctorates.

Dr.PSJKumar University's School of Science and Technology offers massive exposure to its students in the field of engineering and technology, enriching their skills as well as helping them to take visit several industries and MNC's. The University has several departments scattered all throughout Jacksonville, Florida, United States.

The University is especially popular among International students. The University has franchises around the globe including Queensland, India, Canada, Malaysia, and London.

B.S / B.TECH
COMPUTER SCIENCE & ENGINEERING

The completion of the degree of bachelor of science/technology in computer science and engineering is accomplished in five academic years including four years of regular curriculum plus six months internship.

FOUR YEARS
REGULAR CURRICULUM

SIX MONTHS
INTERNSHIP

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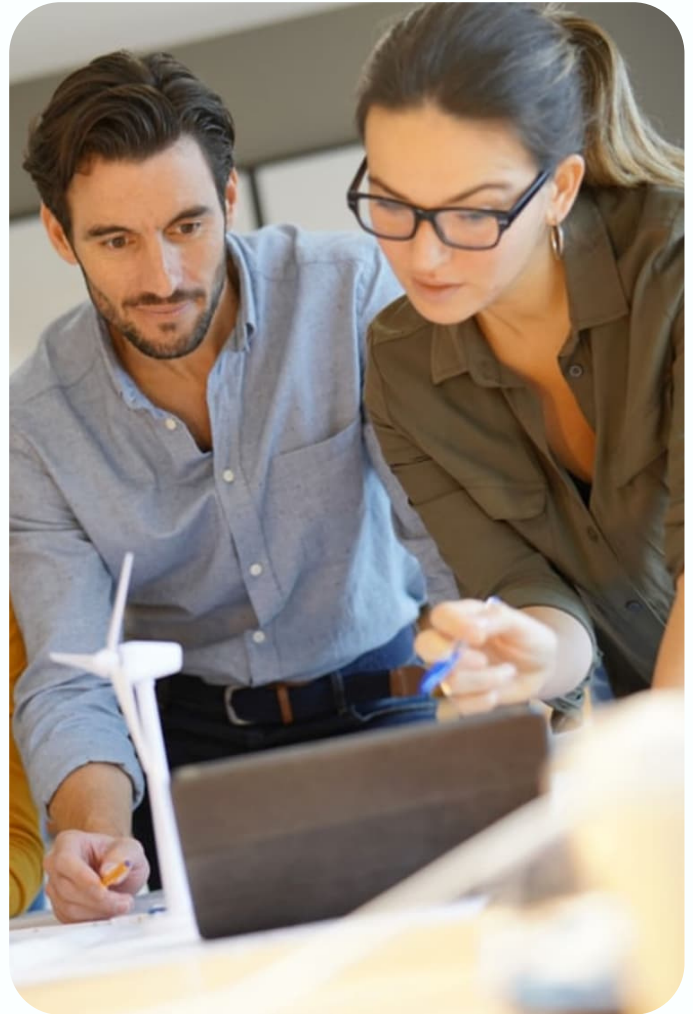fringilla metus eros
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FIRST YEAR

The four year curriculum is based on the departmental as well as interdisciplinary teaching. The first year offer the students an opportunity to develop a strong background in basic sciences and to receive an introduction to electronic devices. Every academic year consists of two semesters.

SEMESTER I

Technical English
Engineering Mathematics I
Engineering Chemistry I
Engineering Physics I
Engineering Graphics
Computer Programming
Computer Practices Laboratory

SEMESTER II

Engineering Mathematics II
Engineering Chemistry II
Engineering Physics II
Basics of Electrical & Electronic Engg.
Basics of Mechanical & Civil Engg.
Electronic Device and Circuit
Circuit and Device Laboratory

SEMESTER I
BASIC SCIENCES

SEMESTER II
ELECTRONIC DEVICES

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SECOND YEAR

The second year offer the students an opportunity to develop a strong background in computer architecture and to receive an introduction to software engineering.
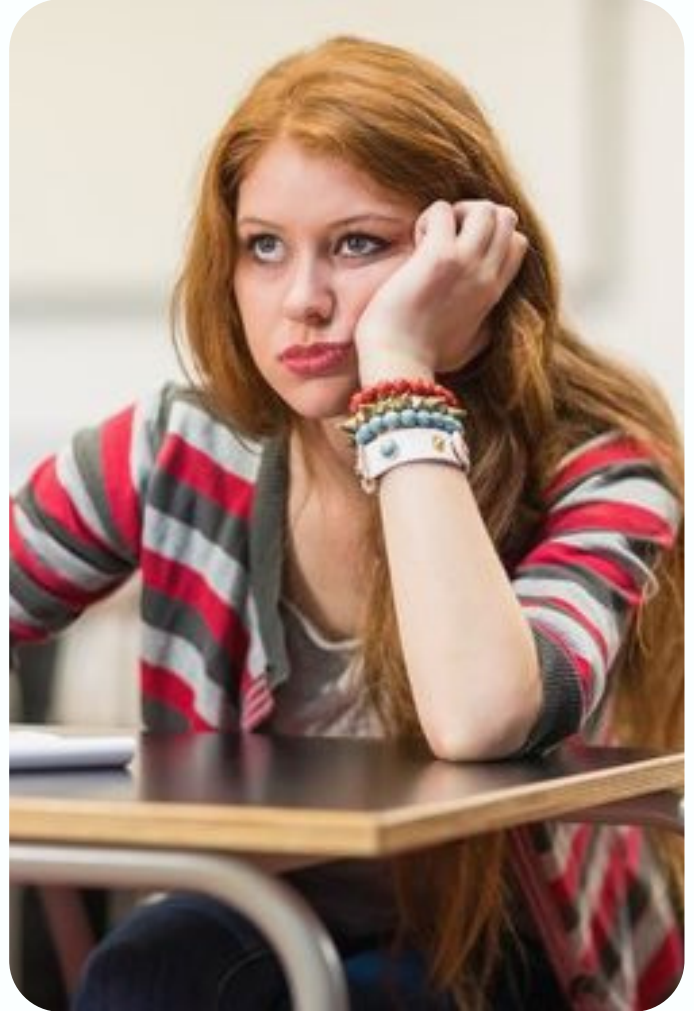
SEMESTER III

Data Structure and Algorithms
Computer Architecture
Design & Analysis of Algorithms
Elective I
Computer Communication
Object Oriented Programming
Object Oriented Programming Lab

SEMESTER IV

Operating Systems
Computer Network
Computer Graphics
Elective II
Software Engineering
Introduction to Database Systems
Database Laboratory

The course serves as a transition from basic sciences to theoretical and experiential computer science and engineering.

SEMESTER III
COMPUTER ARCHITECTURE

SEMESTER IV
SOFTWARE ENGINEERING

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THIRD YEAR

The third year offer the students an opportunity to develop a strong background in artificial intelligence and to receive an introduction to machine learning.

SEMESTER V

Wireless Network
Artificial Intelligence
Elective III
Compiler Design
Compiler Design Lab
Data Mining
Data Mining Lab

SEMESTER VI

Digital Signal Processing
Machine Learning
Elective IV
System Software
System Software Lab
Microprocessor
Microprocessor Lab

The course serves as a transition from computer science and engineering to artificial intelligence and machine learning algorithms.
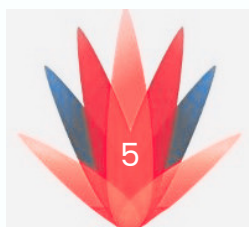
SEMESTER V
ARTIFICIAL INTELLIGENCE

SEMESTER VI
MACHINE LEARNING

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University of Dr.PSJKumar

FOURTH YEAR

The fourth year offer the students an opportunity to develop a strong background in software and project management to computer science and engineering projects.
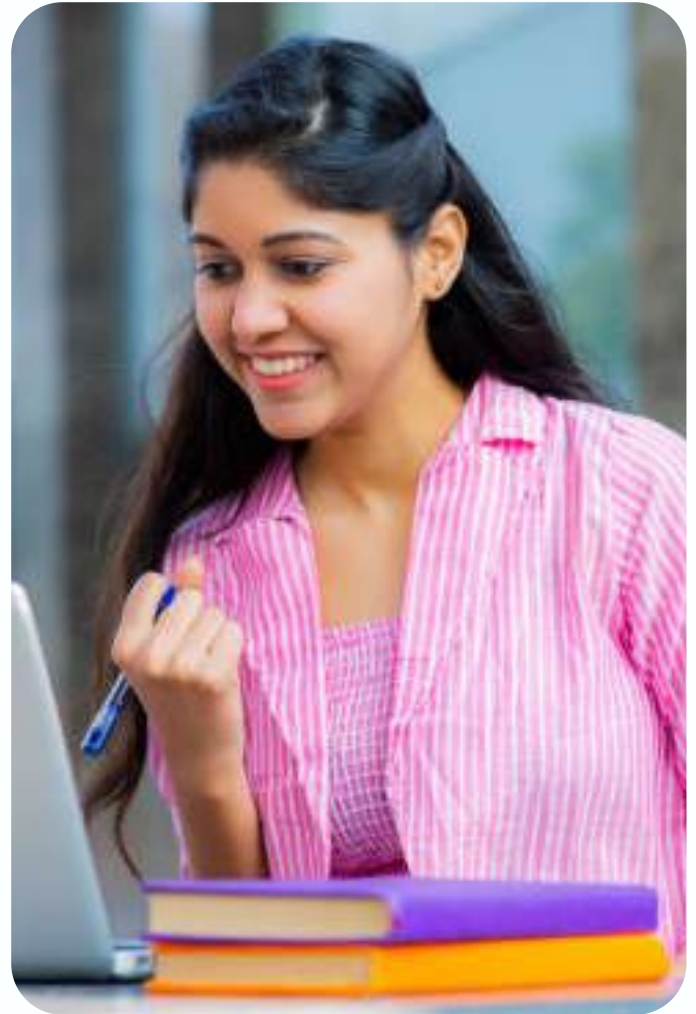
SEMESTER VII

Natural Language Processing
Information System and Securities
Multimedia and Real-Time Systems
Elective V
Elective VI
Project Management
Mini-Project

SEMESTER VIII

Project and Viva

The elective program has a two fold purpose: 1) to aid the student in an expert career choice and 2) to offer an opportunity to build strengths in related fields. By the end of fourth year, students will be efficient enough in dealing with both software management and project management.

SEMESTER VII
PROJECT MANAGEMENT

SEMESTER VIII
PROJECT

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FIFTH YEAR INTERNSHIP

The fifth year internship offer the students to practice their engineering profession under expert guidance and supervision beforehand of becoming a full-fledged computer engineer.

FOR ADMISSION CONTACT

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(+91)-9360-178-718

University of Dr.PSJKumar
also offers B.S/B.Tech in;

Robotics and Automation
Artificial Intelligence & ML
Data Science and Engineering
Big Data and Cloud Computing
Electrical and Computer Engineering
Electronics & Communication Engg.
Telecommunication Engineering

FIFTH YEAR SIX MONTHS INTERNSHIP

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University of Dr.PSJKumar

DR.PSJKUMAR
UNIVERSITY

SCIENCE
TECHNOLOGY