



**UNIVERSITY OF
DR.PSJKUMAR**



**B.S/B.TECH
INFORMATION TECHNOLOGY**

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 INFORMATION TECHNOLOGY

The completion of the degree of bachelor of science/technology in information technology is accomplished in four academic years plus six months internship.



FOUR YEARS

REGULAR CURRICULUM

SIX MONTHS

INTERNSHIP



University of Dr.PSJKumar

FIRST YEAR

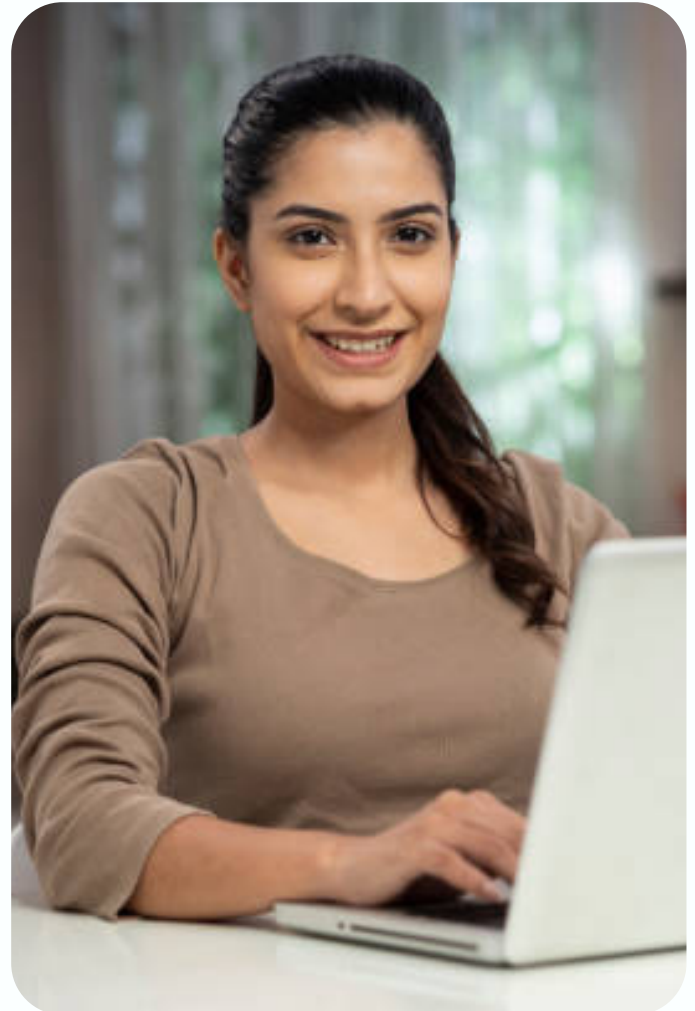
The four year curriculum is based on the departmental as well as interdisciplinary teaching. The first year offer the students an opportunity to develop a strong background in basic sciences and to receive an introduction to electronic devices. Every academic year consists of two semesters.

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.
- Design and Analysis of Algorithms
- Electronic Device and Circuit
- Circuit and Device Laboratory



SEMESTER I

BASIC SCIENCES

SEMESTER II

ELECTRONIC DEVICES



SECOND YEAR

The second year offer the students an opportunity to develop a strong background in system software and to receive an introduction to information coding techniques.

SEMESTER III

Analog and Digital Electronics
Computer Architecture
Operating Systems
Elective I
System Software
Object Oriented Programming
Object Oriented Programming Lab

SEMESTER IV

Computer Graphics and Multimedia
Software Engineering
Database Management Systems
Elective II
Information Coding Techniques
Data Structures
Data Structures Lab

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



SEMESTER III

SYSTEM SOFTWARE

SEMESTER IV

INFORMATION CODING



University of Dr.PSJKumar

THIRD YEAR

The third year offer the students an opportunity to develop a strong background in computer networks and to receive an introduction to web technologies.

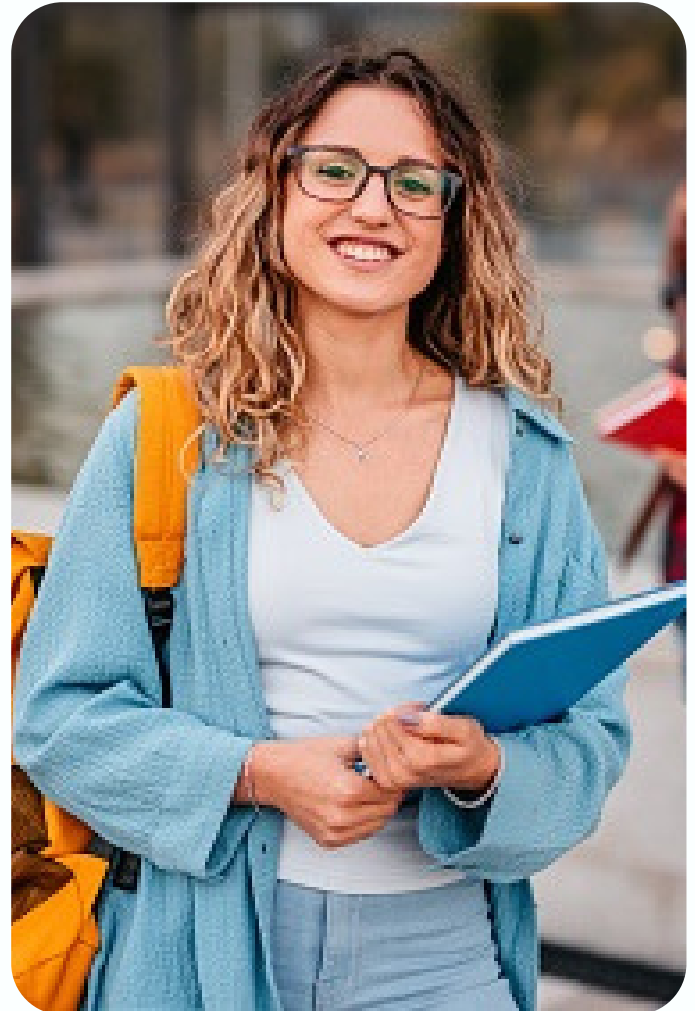
SEMESTER V

Computer Networks
Digital Signal Processing
Elective III
Introduction to Linux
Linux Programming Lab
Introduction to Java Programming
Java Programming Lab

SEMESTER VI

Data Warehousing and Data Mining
Cryptography and Network Security
Elective IV
Web Technologies
Web Technologies Lab
Microprocessor and Microcontroller
Microprocessor Lab

The course serves as a transition from computer engineering to information technology and data mining.



SEMESTER V COMPUTER NETWORKS

SEMESTER VI WEB TECHNOLOGY



FOURTH YEAR

The fourth year offer the students an opportunity to develop a strong background in software and project management to modern information technologies.

SEMESTER VII

Software Testing & Quality Assurance
Component Based Technology
Dot Net Technologies
Elective V
Elective VI
Software 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 information and software management.



SEMESTER VII PROJECT MANAGEMENT

SEMESTER VIII PROJECT



FIFTH YEAR INTERNSHIP

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

FOR ADMISSION CONTACT

Dr.P.S.Jagadeesh Kumar
Chancellor
University of Dr.PSJKumar
Florida | Queensland | Canada
Malaysia | India | London

chancellor@drpsjkumaruniversity.net
(+91)-9360-178-718

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

Computer Science and Engineering
Electrical and Computer Engineering
Robotics and Automation
Artificial Intelligence & ML
Data Science and Engineering
Big Data and Cloud Computing



FIFTH YEAR SIX MONTHS INTERNSHIP



University of Dr.PSJKumar

