

# Department of Computer Science

## PG – 2 years



### Unique Features of the Programme

Graduates of this program will have proficiency in programming, data analytics, software development, network architecture, statistics, artificial intelligence, and database design with abundant career and research opportunities.

### Choice-Based Credit System



### Industry-oriented skill-based courses

- Artificial Intelligence & Machine Learning
- Robotic Process Automation
- Internet of Things
- Big Data Analytical Tools

Key Benefits : Experimental learning, exposure to cutting-edge technologies and project-based learning aid in the professional development of students. Preparing the students for industry and R & D is our highlight. In addition, students gain life skills through co-curricular activities at Department and Institutional level.

### Career Opportunity

- » Software Engineer
- » Software Developer
- » Database Administrator
- » IT Consultant
- » Network Architect
- » Academic Researcher
- » Start-Up Founder
- » Entrepreneur

### Research Opportunities

- » Artificial Intelligence
- » Cyber Security
- » Quantum Computing
- » Cloud Computing
- » Blockchain Technologies
- » Internet of Things
- » Data Science
- » Machine Learning

Students with a Masters in Computer Science have diverse career opportunities in Government, Public Sector, Multi-national-Companies and start-ups. This program ensures strong industry linkages, providing students with valuable connections, and offers strong placement support.

### Networking

Robust ties with the industry and alumni, fostering strong connections. Engaging in industry conferences, meetups, and alumni networks. Hosting both inter and intra-collegiate events to enhance collaboration and networking opportunities.

## Research Expertise of the Faculty Members

Highly qualified professors dedicated to academic excellence, in the domains of Data Mining, Machine Learning, Computer Networks, IoT, Cloud Computing, Artificial Intelligence, Java Programming, Web Technology, and Robotic Process Automation.

## Infrastructure

Libraries, labs and classrooms: Specialized Labs are set up for teaching and research in areas of AI, Mixed Reality, IoT, Cyber Security, and other emerging technologies: state-of-art classrooms give a conducive learning environment.

## Internship

KCW has a state-of-art industry academic center GRG digital ELGI DOJO set up on the campus in which all the computational science students can take up the internship and get experience working on real-world problems. In addition, the department has MoU with IT companies where the students can take up internships regularly.

## Student Achievements

- » Four of our students have filed Patents in Collaboration with Faculties and Institution.
- » Students have participated and won prizes in Intra and Inter-collegiate meets.
- » Four of our students have participated in Hackathon and Ideathon and they have been recognized for their Best Ideas.
- » Students have presented Research Papers and Articles at International and National conferences.
- » They have participated in the Innovation Expo.

## Our Alumni



**Ms. Vinitha Narayani M**  
Engineer, Tata Elxsi, Chennai  
BATCH : 2020-2022



**Ms. Sanjana Priya D B**  
Assistant System Engineer, TCS  
BATCH : 2020-2022



**Ms. Ameena Tanzeela M**  
II M.Sc (CS)  
BATCH : 2022-2024

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“Choosing PSGR Krishnammal College was an eye opener. The wonderful environment motivated me to gain technical knowledge and paved the way for my career”.

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“Choosing PSGR Krishnammal College was a transformative decision. The inclusive environment fueled my passion for learning, and the Computer Science Department's committed faculty and engaging projects provided a strong foundation. Collaborative opportunities, inspiring lectures, and hackathons enriched my college journey”.

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“Grateful for the life-changing experience at PSGRKCW, where I am pursuing my Postgraduate studies in Computer Science. The friendly environment and dedicated faculty have been a guiding light, imparting knowledge beyond textbooks. Organizing seminars and workshops enriched my practical skills, laying a strong foundation. Immensely thankful for the invaluable experience and mentorship received”.

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## International Study abroad Opportunities

Provide opportunities for our students to pursue research degrees abroad thereby giving them a global perspective. Participants engage in Immersion Programs with Binghamton University, San Diego State University, University of Western Australia, James Cook University, Singapore and Swinburne University of Technology, Malaysia.

### Reach Us at:

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