COMPUTER SCIENCE

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Other Departments

- Civil Engineering ▶
- Mechanical Engineering ▶
- Electrical & Electronics Engineering ▶
- Electronics & Communication Engineering ▶
- Computer Science & Engineering ▶
- Information Technology ▶
- Chemical Engineering ▶
- Computing (M.Sc Five Year Integrated Programmes) ▶
- Computer Applications (MCA) ▶
- Mathematics ▶
- Physics ▶
- Chemistry ▶
- Humanities ▶
- Controller of Examinations ▶
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- Management Studies(MBA) ▶

April 2023 examinations results published

April 2023 examinations results published

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Speak mode is currently off

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Admissions

Programmes offered Admission 2023-2024

B.Sc & M.Sc programmes Admission 2023

FN/OCI/CIWGC Admission 2023

Programmes

- B.E Computer Science Engineering
- B.E Computer Science and Engineering (AI and ML)
- M.E Computer Science and Engineering

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- Conference Attended
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- Programmes Attended
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Activities

Programmes Organized

Special Lectures Delivered

Students

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- Internship
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- Exhibited Projects

Say Something...

Show latest update...

Departments

- Apparel & Fashion Design
- Applied Mathematics & Computational Science
- Applied Science
- Automobile Engineering
- Biotechnology
- Biomedical Engineering
- Chemistry
- Civil Engineering
- Computer Science and Engineering
- Electronics & Communication Engineering
- Electrical & Electronics Engineering
- English
- Fashion Technology
- Humanities
- Instrumentation & Control System Engineering
- Information Technology
- Mathematics
- Computer Application
- Mechanical Engineering
- Metallurgy Engineering
- Physics
- Production Engineering
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Campus Map

Hi! I am TECH chatbot. What is your query?

12:12 pm

show upcoming Events

12:14 pm

Enter your query...

News

Headline

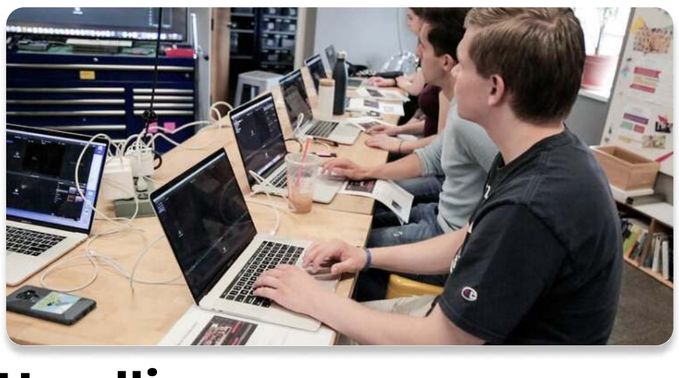
Description...

Headline

Description...

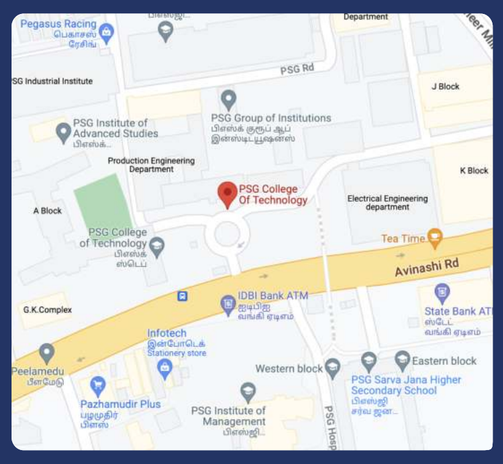
Headline

Description...



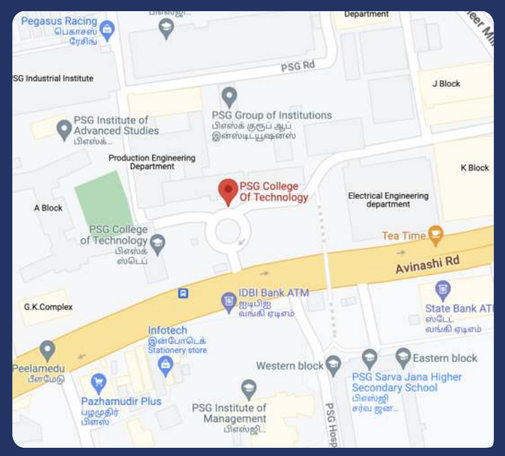
Headline

Description...



Announcements

- B.Sc & M.Sc Programmes Admission 2023
- PG Programmes Admission - 2023
- Announcement for recruitment of Project Engineers and Supporting Staff members Application Form
- Computer aided fashion design using Adobe AI Illustrator
- Certificate course in Costume Designing
- National Level Hands-on workshop - Electric Motor Design Strategies and Control Implementation [June 15-16, 2023]
- One Year Full-Time PG Certificate Programme in Welding and Quality Engineering [Last date - 2023 Jun 03] Application form
- 6 th International Conference on Computational Intelligence, Cyber Security and Computational Models (ICC3 - 2023) [14-16 Dec 2023]
- PSG Tech Distinguished Alumni Nomination (Last Date 25.06.2023)



PSG College of Technology

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PSG COLLEGE OF TECHNOLOGY
GALLERY

Placement

Celebrating the spirit of sportsmanship!
12 of 29

Alumni

WOOTZ'9
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G20 University Connect

Events

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PSG Tech Hostels

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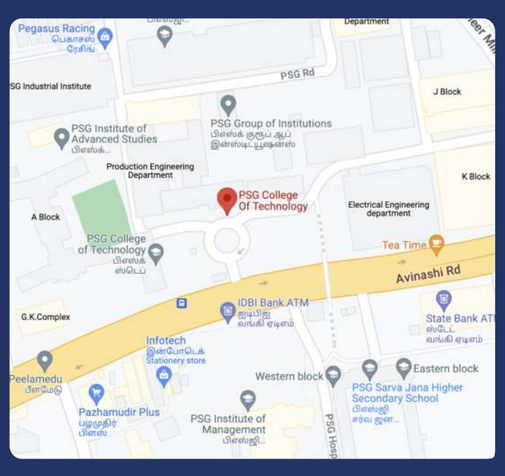

Social Connect

Contacts 0422-2572177, 2572477, 432777

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Knowledge and Service

News April 2023 examinations results pu < >

PSG College of Technology

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PSG College of Technology

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PSG College of Technology

Menu

Welcome to PSG College of Technology

PSG College of Technology, an ISO 9001:2015 certified institution is one of the foremost institutions founded by the PSG & Sons' Charities Trust (1926). The College was established in the year 1951 and the Founders wisely decided to locate it in the same campus as the PSG Industrial Institute for effective industry-institute interaction.

Provide world-class Engineering Education, Foster Research and Development. Evolve innovative applications of Technology. Encourage Entrepreneurship. Ultimately mould young men and women capable of assuming leadership of the society for the betterment of the Country.

More About PSG College of Technology

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Research conclave 2023

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March 2023

CoE inauguration
May 2022

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- National Journal of Technology
- PSG & Sons' Charities
- Transcripts Online

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Contacts 0422-2572177, 2572477, 432777

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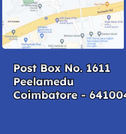

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Events

By Month Select By Year Select Filter

G20 UNIVERSITY CONNECT

28 MARCH 2023

G20 UNIVERSITY CONNECT ENGAGING YOUNG MINDS PSG COLLEGE OF TECHNOLOGY LECTURE SERIES ON 28TH MARCH, 2023

Know More

AZADI KA AMRIT MAHOTSAV

15 AUGUST 2022

AS PER THE PROCLAMATION FROM THE MINISTRY OF EDUCATION, GOVT. OF INDIA, AICTE, ANNA UNIVERSITY, CHENNAI. **PSG COLLEGE OF TECHNOLOGY** HAS ORGANISED VARIOUS EVENTS TO MAKE THE STUDENTS AWARE ABOUT THE IMPORTANCE OF INDEPENDENCE DAY.

Know More

COE INAGURATION

05 MAY 2022

SHRI VIKRAM VIKRAM MOHAN. MANAGING DIRECTOR ,PRICOL
SMT LAKSMI MOHAN, PRESIDENT.PCS.PRICOL

Know More

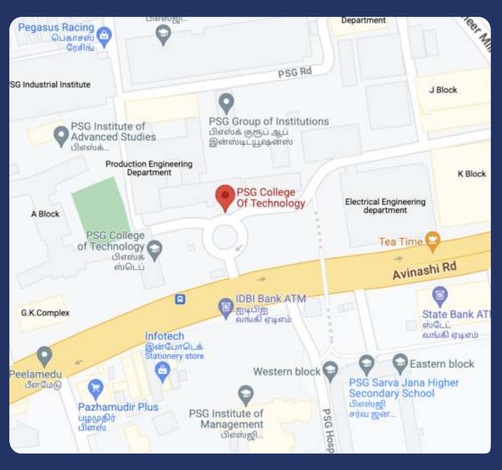
NSS ANNA UNIVERSITY LEVEL AWARDS 2020 – 2021

25 DECEMBER 2021

WE HAVE RECEIVED BEST NSS UNIT AWARD, BEST PROGRAMME OFFICER AWARD AND TWO BEST NSS VOLUNTEER AWARD FOR THE ACADEMIC YEAR 2020-2021 FROM ANNA UNIVERSITY.

Know More

1 2 ... 9 10



PSG College of Technology

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Knowledge and Service

HOD's Desk

B.E (Electronics and Communication) - PSG College of technology under Bhatrathiar University - 1989

M.E (Computer Science & Engineering) - PSG College of Technology under Bharathiar University - 1991

Date of Joining: 04/09/2000

Ph.D (Computer Science) - PSG College of Technology under bharathiar University - 01/01/2006

Computer Science could be viewed as a discipline supported by the pillars - Hardware, Software, Systems Software and the Theory behind computing. Though started in the middle of 20th Century, this discipline has seen rapid changes and the fastest growth ever since mankind has started. Currently, Computing has become inseparable from Human life.It has found a prominent place in our day to day life and we are struggling to cope with it. The mission of Computer Science & Engineering department is to impart knowledge to students and researchers to pave a solid foundation in problem solving using computers. The department has been started in the year 1987 and as of today, it offers an undergraduate program B.E (CSE) and two Post graduate programs viz., M.E (CSE) and M.E (Software Engg).The department is augmented with well qualified Faculty with rich teaching and industry experience and has adequate Laboratories. Apart from teaching, our faculty members have published research papers in National and International journals. Our students undertake Internships in leading MNCs and are placed in reputed Organizations across the globe. Some of our Alumni have grown to great heights and they constantly interact with the department. We strive to provide students the necessary ambience to embellish their knowledge and skills to achieve their long term goals.

Dr.Sudha Sadasivam G. ,
Professor & Head

About

The Department of Computer Science and Engineering, with its dedicated body of well-qualified faculty, technical staff and students, is committed to be an international, multi-disciplinary center of excellence in Computer Science and Engineering through education and research. It has partnerships with other leading Academic Institutions, Government and Industrial sectors. It has acquired generous grants from global organizations like the World Bank, Swiss Development Co-operation for Manpower Development, the Department of Electronics, VSSC, AICTE and the Ministry of Information Technology, DBT, DST, DRDO and UGC. The department carries out consultancy work with organisations like Cloudera, Impiger, CordysThe Vision of the Department is to become a global leader in education and research in the field of Computer Science & Engineering for societal benefit.The mission of the department is to- Develop high quality Computer Science & Engineering graduates with technical and professional skills.- Foster research to solve real world problems with emerging technologies and social consciousness.The department has state of art laboratories in Open source systems, Networks, Software Engineering, cloud computing, embedded systems and big data analytics The department also hosts center of excellence in Assistive Technologies and Artificial Intelligence.

Vision

To become a global leader in education and research in the field of Computer Science & Engineering for societal benefit.

Mission

The mission of the department is to- Develop high quality Computer Science & Engineering graduates with technical and professional skills.- Foster research to solve real world problems with emerging technologies and social consciousness.

Department of Computer Science

9 Staff	36 Faculty	252 Undergraduate Students
79 M.S Research Scholars	193 Postgraduate Students	98 PhD Research Scholars
1 Exchange Students	1,155 Publications	

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Faculty - Academic

Research Awards PhD

(Self Supporting)

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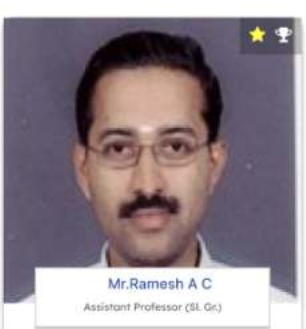
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Dr.Sivaranjani S
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Ms.Thirumahal R
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Visiting Faculty

Dr.Ilango Krishnamurthi
+91--
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more

PSG College of Technology

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Dr.Sudha Sadasivam G
Professor & Head of the Department

Department: Computer Science Engineering
Office Number: +91-
Mobile: +91--
Email: gss.cse@psgtech.ac.in
Google Scholar URL

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Date of Joining: 04/09/2000

Ph.D (Computer Science) - PSG College of Technology under bharathiar University - 01/01/2006

Skills In Brief

I have 24 years teaching experience and 6 months industrial experience. I am working as a Professor in CSE Department of PSG College of Technology. My areas of interest are Distributed Systems, Compiler Design, Theory of Computation, Data Intensive Computing. I have published 5 books in the area of compiler design, Middleware Technologies Big Data Analytics and Object oriented Technologies

Awards

Research Interest

Social Network AnalyticsPersonalized Information RetrievalCloud ComputingPrivacy Preserving Data Mining

Subject Expertise

- Wireless Networks
- Distributed Systems
- Theory of Computing
- Big Data Analytics
- Oriented Analysis ansd Design

PSG College of Technology

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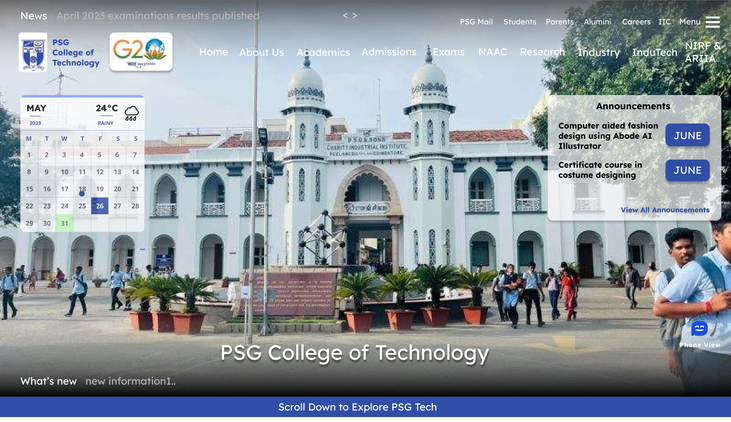

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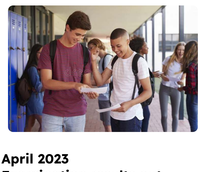
PSG College of Technology, an ISO 9001:2015 certified institution is one of the foremost institutions founded by the PSG & Sons' Charities Trust (1926). The College was established in the year 1951 and the Founders wisely decided to locate it in the same campus as the PSG Industrial Institute for effective industry-institute interaction.

Provide world-class Engineering Education, Foster Research and Development. Evolve innovative applications of Technology. Encourage Entrepreneurship. Ultimately mould young men and women capable of assuming leadership of the society for the betterment of the Country.

More About PSG College of Technology

Latest Updates



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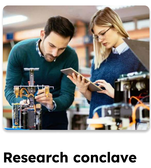

Research conclave 2023

View All Updates

Quick Links

- AICTE Feedback
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- IEEE SC 12951
- TEQIP
- STEP
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- Student Magazine - The Bridge
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- Transcripts Online

Latest Events

G20 University Connect

March 2023

CoE inauguration

May 2022

View All Events

Downloads

- Approvals
- UGC Undertaking
- NBA Accreditation
- ISO Certificate
- Mandatory Disclosure
- Balance Sheets
- Annual Report
- Profile

College Highlights

Library

Our Library was established in the year 1926. It holds more than one lakh book volumes.

Hostel

Our College facilitate students an excellent Hostel facility to feel home away from home.

Placement

Placement Office facilitating campus recruitment for multinational and national organizations.

College Statistics

1000 Staff	5860 Faculty	500 Undergraduate Students	1000 Postgraduate Students	100 M S Research Scholars
150 PhD Research Scholars	1 Exchange Students	1,155 Publications		

Departments

Apparel & Fashion Design
Mechanical Engineering
Applied Mathematics & Computational Science
Metallurgy Engineering
Applied Science
Physics
Automobile Engineering
Production Engineering
Biotechnology
Robotics & Automation Engineering
Biomedical Engineering
Textile Engineering
Chemistry
Management Sciences
Civil Engineering
Library
Computer Science and Engineering
Electronics & Communication Engineering
Physical Engineering
Humanities
Electrical & Electronics Engineering
Fashion Technology
English
Instrumentation & Control System Engineering
Information Technology
Mathematics
Computer Application

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Knowledge and Service

Department of Computer Science & Engineering

1987

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Other Departments
- Civil Engineering
- Mechanical Engineering
- Electrical & Electronics Engineering
- Electronics & Communication Engineering
- Computer Science & Engineering
- Information Technology
- Chemical Engineering
- Fashion Technology
- Computer Applications (MCA)
- Mathematics
- Physics
- Chemistry
- Humanities
- Controller of Examinations
- Administration
- Physical Education
- Artificial Intelligence and Data Science
- Management Studies(MBA)

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Professor & Head

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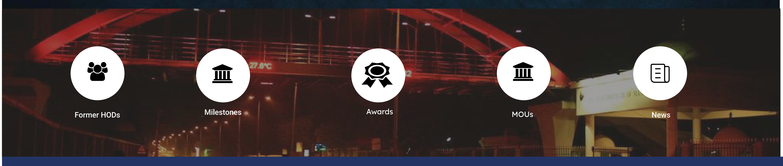

Former HODs | Milestones | Awards | MOUs | News

PSG College of Technology
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Coimbatore - 641004

Knowledge and Service

Placement & Training

Profile

PSG College of Technology has an independent Placement Office facilitating campus recruitment for multinational and national organizations. It is headed by a Professor designated as Dean, Placement & Training and he is supported by Placement Officer and a full time placement coordinator. The office is also assisted by student coordinators who lead a team of placement representatives of various programmes. The placement office ensures and takes care to provide the best environment and hospitality for the visiting companies' officials.

The placement office, functions in a separate air conditioned block with state-of-the-art facilities for conducting Pre Placement Talk, Written Test, Group Discussion and Interviews and has steadily progressed over the years in enhancing the placement potential effectively. It plays a very important and key role in counseling and guiding the students of the college for their successful career.

More than 90 reputed National and Multinational companies visit our institution for campus recruitment annually.

PSG College of Technology is ranked one among the top fifteen National level technical Institutes, in terms of the number of students receiving placement offers from reputed organizations from all over the country.

Dean's Desk

Greetings from the Placement Office of PSG College of Technology!

Thank you for your interest in our institution. Our placement office strives to ensure the best environment for companies to conduct their recruitment drives, smoothly and efficiently. We facilitate recruitment drives in both in-campus and virtual modes, to enhance the placement potential of every graduating student of PSG College of Technology. Our placement office is equipped with the state-of-the-art facilities to conduct all placement related activities such as Pre-Placement Talks, Written / Online Tests, Group Discussions and Interviews. Our office guides and counsels students of our institution for successful placement and career.

Our students, shaped by all-encompassing vision of our institution, are well rounded budding professionals, excelling in both technical and soft skills. With autonomous status, our institution ensures that our students undergo a vigorous and exuberant teaching & learning process, amassing knowledge about both foundational concepts and latest advancements in their respective fields.

More than ninety reputed National and Multinational companies visit our institution for campus recruitment annually. Our institute has very impressive placement record. The testimonials of some of our close industry partners can be found here.

PSG College of Technology is ranked one among the top fifteen National level technical Institutes, in terms of number of students receiving placement offers from reputed organizations from all over the country. The Ministry of Education has ranked PSG College of Technology as 49th among all the Engineering Institutions of India.

We welcome you to explore the information on our placement process (both full time and internship), curriculum of various academic programmes, departments, institution, and accreditation achievements.

If you need any clarification or information, please feel free to contact us.

Dr.Nadarajan R. ,
Dean - Placement & Training.

MAY 2023 24°C RAINY

Announcements

Computer aided fashion design using Abode AI Illustrator JUNE

Certificate course in costume designing JUNE

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PSG College of Technology

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Phone View

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PSG College of Technology

Home About Us Academics Admissions Exams NAAC Research Industry InduTech NIRF & ARIIA

Welcome to PSG College of Technology

G20 University Connect

PSG College of Technology, an ISO 9001:2015 certified institution is one of the foremost institutions founded by the PSG & Sons' Charities Trust (1926). The College was established in the year 1951 and the Founders wisely decided to locate it in the same campus as the PSG Industrial Institute for effective industry-institute interaction.

Provide world-class Engineering Education, Foster Research and Development. Evolve innovative applications of Technology. Encourage Entrepreneurship. Ultimately mould young men and women capable of assuming leadership of the society for the betterment of the Country.

More About PSG College of Technology

Latest Updates

April 2023 Examination results out

Research conclave 2023

View All Updates

Quick Links

- AICTE Feedback
- UGC / AICTE Mandatory Committees
- IEEE SC 12951
- TEQIP
- STEP
- NIRF
- Student Magazine - The Bridge
- National Journal of Technology
- PSG & Sons' Charities
- Transcripts Online

Latest Events

G20 University Connect

March 2023

CoE inauguration

May 2022

View All Events

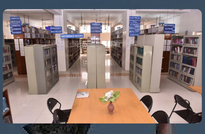
Downloads

- Approvals
- UGC Undertaking
- NBA Accreditation
- ISO Certificate
- Mandatory Disclosure
- Balance Sheets
- Annual Report
- Profile

College Highlights

Library

Our Library was established in the year 1926. It holds more than one lakh book volumes.



Hostel

Our College facilitate students an excellent Hostel facility to feel home away from home.

Placement

Placement Office facilitating campus recruitment for multinational and national organizations.

College Statistics

1000 Staff	5860 Faculty	500 Undergraduate Students	1000 Postgraduate Students	100 M S Research Scholars
150 PhD Research Scholars	1 Exchange Students	1,155 Publications		

Social Connect

Contacts 0422-2572177, 2572477, 432777

PSG College of Technology

Post Box No. 1611
Peelamedu
Coimbatore - 641004

Knowledge and Service

News April 2023 examinations results published

Dr. GRD Memorial Library

PSG College of Technology

Search the Catalog by Keyword

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Home | About | Collections | E-Resources | Services | Digital Services | OPAC | Research | Activity | Downloads

Your Bright Future is Our Mission

Welcome to PSG College of Technology | Dr. GRD Memorial Library

About Dr. GRD Memorial Library

Our Dr. GRD Memorial Library has rich collection of books, journals and e-resources catering to students, research scholars and faculty members. Presently, over 2.60 Lakhs books, 13053 CDs/DVDs and 217 printed journals are possessed by the library access to more than 1078 online electronic journals. The library is automated having an online portal that can be easily accessed by the users. The library implemented PSG-ILMS which is an integrated Library Management System that supports all housekeeping operations of the library. There is a separate Digital Library having 60 computers running on high speed internet. The library system and staff is meticulously focused for providing comfortable, user friendly environment so as to enables learning and knowledge creation. Learn More

Featured Events

- MAY 31 — **Library Internship Program 2023** — May 31st | 1:00pm - 3:00pm — GRD Lib 1 Floor
- JUN 3 — **Annual Library Book Exhibition 2022** — Jun 3rd | 11:00am - 12:00pm — GRD Main hall
- JUN 7 — **LIBRARY VISIT FOR SCHOOL STUDENTS** — Jun 7th | 10:00am - 11:00am — Online Event
- JUN 11 — **TEQIP III Sponsored One Day Workshop on E-Resources for Teaching, Learning and Resear** — Jun 11th | 8:00am - 10:30am — Online
- JUN 17 — **Call for Internship Program** — Jun 17th | 11:00am - 12:00pm — Central Library

View all events

Library Collection

209	8	1078	166919	23348	18102
National Journals	International Journals	E-Journals	Lending Books	Reference Books	Book Bank

33350	351	5117
Back Volumes	Standards	Department Library Collection

BLOGS

2022-02-24 PhD Group 3

How to Identify Scopus Indexed Journals?

EDUCATION

https://www.youtube.com/watch?v=L3U4Z6pkB8s.....

Read More

2021-03-02 Modular Classroom 3

How to Create ORCID ID and integration with Scopus?

EDUCATION

https://www.youtube.com/watch?v=rmLyerOn7Kg.....

Read More

2019-09-06 The Times of India 3

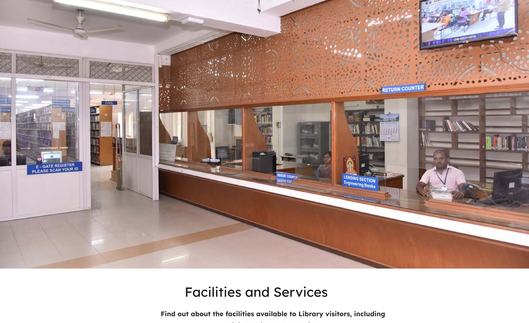
Teacher's Day: Interesting facts about Dr Sarvepalli Radhakrishnan

EDUCATION

1. Radhakrishnan spent his early years in Thiruttani and Tirupati. 2. In 1906, Radhakrishnan graduated with a master's degree in Philosophy.....

Read More

View all Blogs



Facilities and Services

Find out about the facilities available to Library visitors, including WiFi, copying and scanning.

Digital Library and Wifi
Computers in the Library are connected to the internet and have specific resources to aid your research. Black-and-white and colour printers are available. WiFi is free to anyone with a laptop or mobile device.

Inter-library Loans
We supply books and copies of books to other institutions, through the inter-library loans by DELNET.

Digital Learning Center
We provide facilities to conduct sessions, workshops, webinars and video conferencing system to the faculty and research scholars.

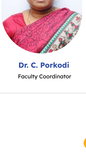
Institutional repository
We archived all the in-house publications like articles, theses, project reports and club activities.

Research Support
The Library offers a range of support services for the research activities of the faculty, fellows and students of PSG Tech. We provide services, resources, and expertise to support every phase of the research - from discovery and design to creation, strategic positioning and sharing.

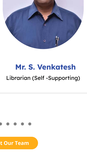
Remote Access
Remote access to library resources such as E-Books, E-Journals and E-Databases.

Meet Our Team

Dr. G R Karpagam
Professor In-Charge
Visit Profile



Dr. C. Porkodi
Faculty Coordinator

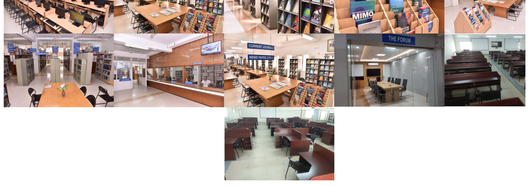


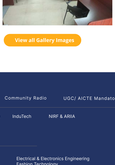
Mr. S. Venkatesh
Librarian (Self -Supporting)

Dr. J. Arumugam
Librarian (Grant- in- Aid)

Meet Our Team

Gallery





View all Gallery Images

Centre of Excellence

PSG-IMPIGER "CENTER FOR ARTIFICIAL INTELLIGENCE RESEARCH

AI Deep Learning Server : NVIDIA® Tesla™ v100 GPU – 16GB,(4x 32GB) DDR4 (RAM), 2x Seagate® Enterprise Class 1TB 2.5" 6GB/s 7.2K RPM SATA HDD/

Staff In Charge:
Dr.Karpagam G R
Dr.Indumathi D

Supporting Staff:
Ms.Sridevi V

PSG-HPE CENTER FOR TEACHING AND EXPERIENCING SECURITY AND INFRASTRUCTURE

Server 1: Hardware SerialNo:SGH105XSJ7 , Server 2: Hardware SerialNo:SGH105XSJY(• Intel Xeon X5650 , 2 quad core processors • Cache: L1 128/ L21024/L3 12288 KB Cache • RAM: 32 GB/1333MHZ • Ports: 1iLO3/ 4 iSCSI/4NIC with Kali Linux)

Staff In Charge:
Dr.Karpagam G R
Dr.Indumathi D

Supporting Staff:
Ms.Sridevi V

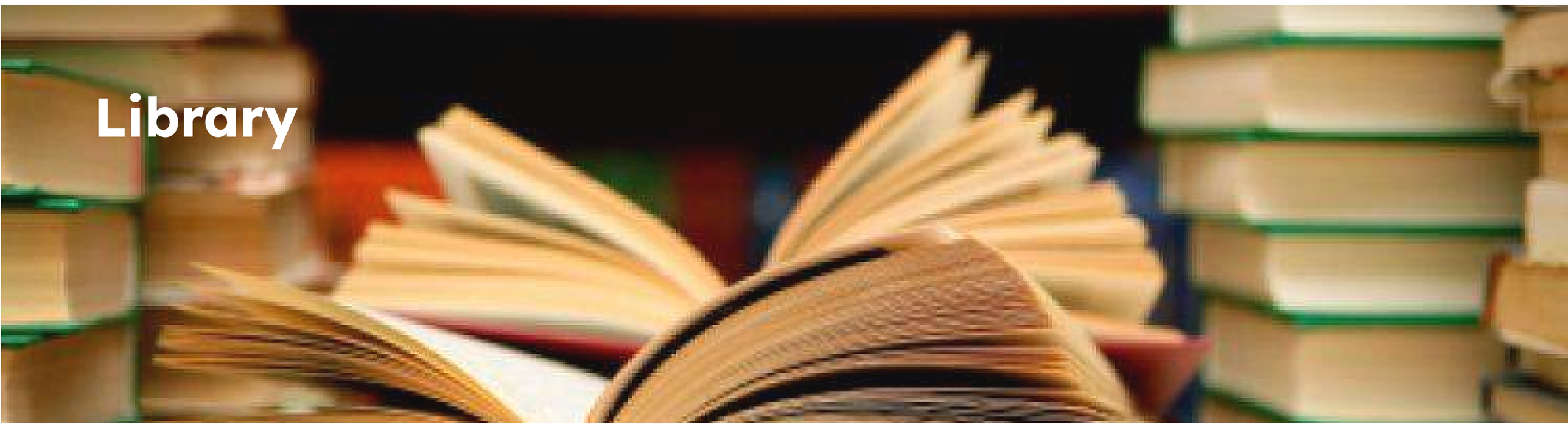
DST CENTRE OF EXCELLENCE FOR ASSISTIVE TECHNOLOGY AND REHABILITATION ENGINEERING SOLUTIONS (PSG CARES)

Intel Core I5 Systems - 10 No's

Staff In Charge:
Dr.Jayashree L S

Supporting Staff:
Ms.Sridevi V

Hardware/Software Details



Library

CSE DEPARTMENT LIBRARY

The department has a well equipped library with 2416 books in various disciplines of Computer Science and Engineering like programming, operating systems, database management systems, software engineering, system software, computer graphics and computer hardware. It also maintains 343 manuals, 10 volumes of learning materials, around 450 student project reports and around 70 CD-ROMs.

Staff In Charge:
Mr.Ramesh A C

Supporting Staff:
Ms.Mariammal S

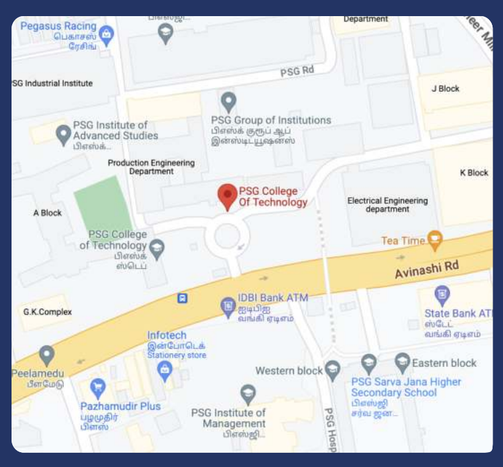
Resources

Department of Computer Science & Engineering 1987

B.E Computer Science Engineering

Milestone

- BE CSE accredited till June 2022
- BE(SE) programme was ranked among the top 10 in India by Education world
- Established PSG-HE Center for Teaching and experiencing Security and Infrastructure
- Established DST Centre of Excellence For Assistive Technology and Rehabilitation Engineering Solutions PSG CARES
- Established PSG-IMPIGER "Center for Artificial Intelligence Research
- Establishment of DST-CARE lab
- BE-CSE accredited for 5 years
- BE-CSE accredited for 3 years
- Inception of ME- Software Engineering
- ME - CSE accredited for 3 years
- PhD & MS (by Research) under Anna University Chennai
- BE - CSE increase in intake from 60 to 120 seats BE - CSE accredited for 3 years (B grade) ME - CSE accredited for 3 years (B grade)
- BE - CSE accredited for 3 years
- Inception of BE - Computer Science and Engineering
- Inception of ME - Computer Science and Engineering

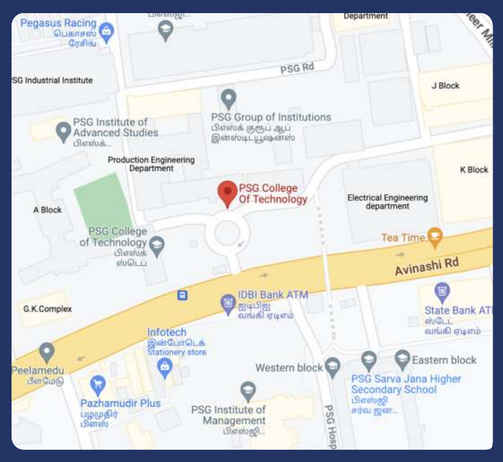


Department of Computer Science & Engineering 1987

B.E Computer Science Engineering

MOUs

- 2021 MoU with Verticurl Marketing Pvt Ltd
- 2019 Memorandum of understanding with EMURGO Learning Solutions Private Limited, Bangalore
- 2019 Migration in Cloud Environment
- 2019 MOU with Emurgo Learning Solutions
- 2019 MOU with HPE
- 2018 MoU with Impiger Technologies private limited
- 2019 MoU for Setting up of ARTIFICIAL INTELLIGENCE RESEARCH LABORATORY in PSG College of Technology
- 2018 MoU with IBM
- 2012 MoU with Nokia
- 2010 MoU with XURMO
- 2008 Research Agreement with YAHOO
- 2007 MoU with Cordys



COMPUTER SCIENCE

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PEOPLE
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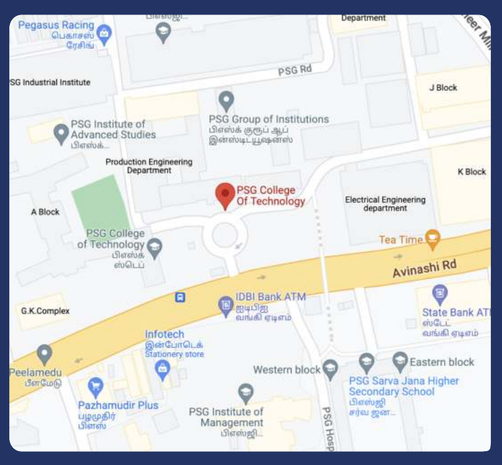
NEWS

B.E Computer Science Engineering

Awards

- Best Project Award - Dr.L.S.Jayashree
- ISTE National Award for Innovation in Engineering and Technology - Dr.L.S.Jayashree
- Dr.R.Sundaramoorthy award for outstanding academic of PSG College of Technology-Dr.L.S.Jayashree
- Senior Member in IEEE-Dr.G.R.Karpagam
- BEST WHITE PAPER AWARD by NOKIA - Dr. G Sudha Sadasivam and Dr. L S Jayashree
- Best Project Award-Dr.V.Santhi
- Senior Member Status of IEEE - Dr. L S Jayashree
- Oscar - Academy Award for scientific and technical achievement
- Best Teacher by PSG Institutions - Dr.G R Karpagam
- Alumni T.Bhoobalan/ 2009 Batch achieved All India Rank 80 in IAS Examination
- Alumni T.Dinesh/2010 Batch achieved All India Rank 987 in UPSC Exam Alumni S.Gowtham/2011 Batch achieved All India Rank 394 in UPSC Exam
- PSG Tech Academician Award - Dr.G Sudha Sadasivam
- Best Paper Award for A novel approach to MS using hadoop data grids by IBM-ICARE conference - Dr. G Sudha Sadasivam
- Chrysler Director's award - Dr. R Venkatesan



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B.E Computer Science Engineering

News

Top 10 Institutes for most popular undergrad courses 2021-BE(SE) of PSG College of Technology
Future of Retail Hackathon - 2021

TEQIP III Sponsored Joint National Conference on Emerging Computing Technologies & its Applications (NCECTA)
ACM Project Competition

Industry Institute Meet for PG Certificate Course on Data Analytics and Management in Bioinformatics

International Conference on Artificial Intelligence, Smart Grid and Smart City Applications.

Artificial Intelligence, Machine Learning and Deep Learning: Research And Applications Perspectives

PG Workshop on Disruptive Technology for Engineering and Scientific Applications

TEQIP III SPONSORED Three Days workshop on Industrial IoT and Automation - from Prototyping to Reality.

Orientation programme for First year M.E.(SE) & M.E. (SE) on August 28, 2017.

TCS Best Student Project Award 2017 on August 28, 2017

Orientation programme for First year B.E. (CSE) on August 7 & 8, 2017.

Faculty Team Building Event on July 22, 2017.

Campus Map

Legend

- Canteen
- Blocks
- Library
- Polytechnic
- Industrial Institution
- Quadrangle

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CAMPUS MAP

Other Departments

Civil Engineering
Mechanical Engineering
Electrical & Electronics Engineering
Electronics & Communication Engineering
Computer Science & Engineering
Information Technology
Chemical Engineering
Computing (M.Sc Five Year Integrated Programmes)
Computer Applications (MCA)
Mathematics
Physics
Chemistry
Humanities
Controller of Examinations
Administration
Physical Education
Artificial Intelligence and Data Science
Management Studies(MBA)

Department of Computer Science & Engineering 1987

Research Awards PhD

Faculty of Computer Science Engineering

Head of the Department

Dr.Sudha Sadasivam G
Professor & Head of the Department

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more

Programme Coordinators

Dr.Karpagam G R
Professor

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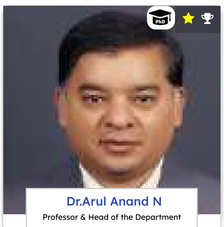
grk.cse@psgtech.ac.in

more



Dr.Arul Anand N
Professor & Head of the Department

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Dr.A.Kunthavai
Professor

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more

Dr.Suriya S
Associate Professor

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mailto:ss.cse@psgtech.ac.in

more

Former HODs
Milestones
Awards
MOUs
News

Dr.Sudha Sadasivam G

Professor & Head of the Department

Department: Computer Science Engineering

Office Number: +91-

Mobile: +91--

Email: gss.cse@psgtech.ac.in

Google Scholar URL

- B.E (Electronics and Communication) - PSG College of technology under Bhatrathiar University - 1989
- M.E (Computer Science & Engineering) - PSG College of Technology under Bharathiar University - 1991
- Date of Joining: 04/09/2000
- Ph.D (Computer Science) - PSG College of Technology under bharathiar University - 01/01/2006

Skills In Brief

I have 24 years teaching experience and 6 months industrial experience. I am working as a Professor in CSE Department of PSG College of Technology. My areas of interest are Distributed Systems, Compiler Design, Theory of Computation, Data Intensive Computing. I have published 5 books in the area of compiler design, Middleware Technologies Big Data Analytics and Object oriented Technologies

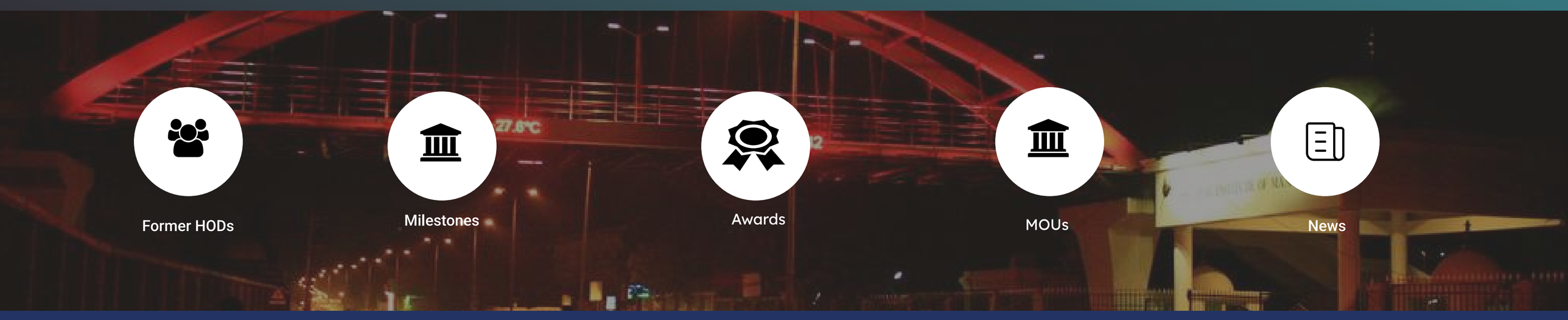
Awards

Research Interest

Social Network AnalyticsPersonalized Information RetrievalCloud ComputingPrivacy Preserving Data Mining

Subject Expertise

- Wireless Networks
- Distributed Systems
- Theory of Computing
- Big Data Analytics
- Oriented Analysis ansd Design

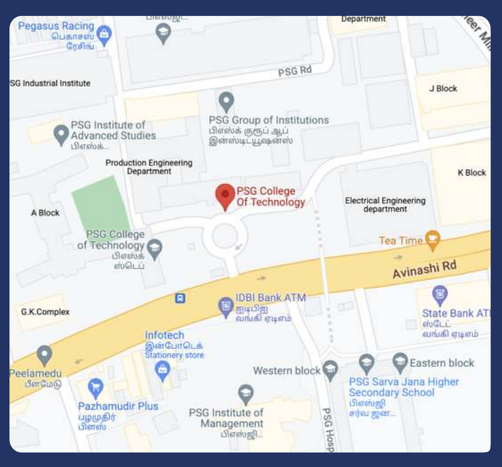


B.E Computer Science Engineering

Conferences Attended

Search by name By Month Select By Year Select Filter

S.No.	Faculty	Title	From	To	Sponsoring Agency
1	Ms.Arul Jothi S	Research Conclave 2022	03-Jun-2022	04-Jun-2022	PSGCT
2	Ms.Arul Jothi S	International Conference on Artificial Intelligence for Sustainable Applications	16-Dec-2021	18-Dec-2021	CSIR
3	Ms.Arul Jothi S	IEEE International WIE Conference on Electrical and Computer Engineering (WIECON-ECE)	04-Dec-2021	05-Dec-2021	IEEE
4	Dr.Santhi V	International Conference on Advanced Computing and Communication systems	19-Mar-2021	20-Mar-2021	IEEE
5	Mrs.Anusha T	15th INDIACom;2021 8th International Conference On Computing for Sustainable Global Development INDIACom-2021	17-Mar-2021	19-Mar-2021	IEEE,IETE
6	Ms.Mano Chitra M	Conference on Data Science and Cyber Security CDSCS - 2020	28-Nov-2020		PSG CARE
7	Ms.Swetha N G, Ms.Bineeshia,	Conference on Data Science and Cyber Security	28-Nov-2020	28-Nov-2020	Nil
8	Dr.Santhi V	International Conference on Artificial Intelligence and Smart Computing 2020	15-Oct-2020	17-Oct-2020	Springer
9	Dr.Saranya K G	INTERNET OF THINGS	29-Jun-2020	30-Jun-2020	-
10	Dr.Santhi V	International Conference on Intelligent Computing and Communication for Smart World	13-Feb-2020		IEEE
11	Mrs.Anusha T	Participated in the 4 th International Conference on Computational Intelligence, Cyber Security and Computational Models held during 19-21 December 2019	19-Dec-2019	21-Dec-2019	
12	Ms.Swetha N G	Artificial Intelligence, Smart Grid and Smart City Applications	03-Jan-2019	03-Jan-2019	PSG College of Technology,CBE
13	Dr.Suriya S	Advanced Information and Communication Engineering	08-Mar-2018	09-Mar-2018	ICT Academy, ISTE, CSI
14	Dr.Santhi V	14th International conference on Distributed Computing and Internet Technology	11-Jan-2018	13-Jan-2018	Springer
15	Ms.Vani K	International Conference of Big Data and Cloud Computing	01-Apr-2017		SUSE
16	Dr.Jayashree L S	IEEE TENCON 2016	24-Nov-2016	26-Nov-2016	IEEE
17	Dr.Karpagam G R	International Conference on Advances in Computing	10-Jan-2011	12-Jan-2011	DeShaw, IBM, HP, DRDO, TCS



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Other Departments

Civil Engineering
Mechanical Engineering
Electrical & Electronics Engineering
Electronics & Communication Engineering
Computer Science & Engineering
Information Technology
Chemical Engineering
Computing (M.Sc Five Year Integrated Programmes)
Computer Applications (MCA)
Mathematics
Physics
Chemistry
Humanities
Controller of Examinations
Administration
Physical Education
Artificial Intelligence and Data Science
Management Studies(MBA)

B.E Computer Science Engineering

Faculty - Academic

Research Awards PhD

(Self Supporting)

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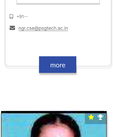
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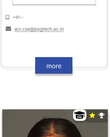
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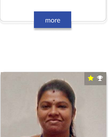
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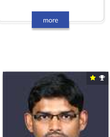
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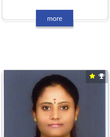
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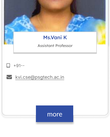
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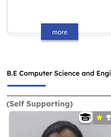
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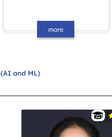
more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B.E Computer Science and Engineering (AI and ML)

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Visiting Faculty

Dr.Ilango Krishnamurthi
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B.E Computer Science Engineering

Awards & Achievements

Search by name By Month Select By Year Select Filter

S.No.	Faculty Name...	Title of the Award	Awarded by	Date
1	Mr.Prakash J	Best Faculty of the Year 2023	PSG Institute of Advanced Studies	25/03/2023
2	Dr.Karpagam G R	Crossed phase 3	AICTE	05/09/2022
3	Mr.Prakash J	Best Outgoing Faculty	PSG CARE	23/05/2022
4	Dr.Sudha Sadasivam G	2021 Best Paper Award	Prof. Wojciech Mazurczyk, Dr. Ashutosh Dutta and Dr. Neeli R. Prasad.	16/04/2022
5	Dr.Karpagam G R	CMI Level 5 award in Mangement and Leadership	AICTE-India and CMI -UK	01/09/2021
6	Dr.Karpagam G R	Best Project Award	PSG Alumni Association	31/05/2021
7	Dr.Karpagam G R	Best Paper Award	National Conference on Intelligent Systems and Applications	24/04/2021
8	Dr.Karpagam G R	Best Paper Award	National Conference on Intelligent Systems and Applications	24/04/2021
9	Dr.Jayashree L S	National Award for Innovative Work in Engineering and Technology	ISTE	29/11/2019
10	Dr.Karpagam G R	BEST PROJECT GUIDED	PSG TECH ALUMNI ASSOCIATION	30/04/2019
11	Dr.Jayashree L S	Dr.Sundaramurthy Best Outstanding Academic of PSG CT	PSG & Sons Charities Trust	01/03/2019
12	Dr.Karpagam G R	Senior Member	IEEE-USA	31/12/2018
13	Dr.Karpagam G R	IEEE senior Membership Women in Engineering	IEEE	15/12/2018
14	Dr.Jayashree L S	BEST WHITE PAPER AWARD	NOKIA	13/10/2017
15	Dr.Sudha Sadasivam G	BEST WHITE PAPER AWARD	NOKIA	13/10/2017
16	Dr.Santhi V	Best Project Award	TCS Award and PSG Tech Alumni Association	28/08/2017
17	Dr.Jayashree L S	Best Paper Award	International Conference on Big-Data and Cloud Computing (ICBDCC17)	01/04/2017
18	Dr.Sathiyapriya K	Certified Master Trainer	TEQIP – II, Anna University, NASSCOM	26/11/2016
19	Dr.Jayashree L S	Senior Member Status of IEEE	IEEE	01/06/2016
20	Dr.Karpagam G R	Teacher of the year – 2015	PSG & Sons Charities	05/10/2015
21	Dr.Karpagam G R	Best Teacher	PSG Institutions	05/09/2015
22	Dr.Jayashree L S	Fellow	Institution of Engineers (India)	07/05/2015
23	Dr.Sudha Sadasivam G	PSG Tech Academician Award	PSG Institutions	24/05/2010
24	Dr.Karpagam G R	Best Project award	PSG Institutions	24/05/2010
25	Dr.Sudha Sadasivam G	Best Paper Award for A novel approach to MSA using hadoop data grids	IBM-ICARE conference	26/10/2009
26	Dr.Karpagam G R	Best project award for Guiding Final year UG Project	Alumini Association	01/01/2006
27	Dr.Karpagam G R	Best project award for Guiding Final year UG Project	Alumini Association	01/01/2006
28	Dr.Jayashree L S	Innovative Project Potential Award	Indian National Academy of Engineering	15/12/2004
29	Dr.Karpagam G R	Best project award for the Final year BE UG project guided	Alumini Association	01/01/2004
30	Dr.Karpagam G R	Best project award for the Final year BE UG project guided	Alumini Association	01/01/2004
31	Dr.Karpagam G R	Best Project Award	Alumini Association	01/01/2003
32	Dr.Karpagam G R	Best Project Award	Alumini Association	01/01/2003
33	Dr.Karpagam G R	Best paper award for the paper presented in NCAC 2001	NCAC 2001	01/01/2001
34	Dr.Karpagam G R	Best paper award for the paper presented in NCAC 2001	NCAC 2001	01/01/2001

B.E Computer Science Engineering

Patents

S.No.	Patentee	Co Investigators	Patent ID	Patent Title	Patent Nature/Level	Registered with	Year
1	Dr.Jayashree L S	Dr.Jayashree L S Madhana , Research Scholar P.Suresh Kumar, Founder and CEO	202041009311	ARTIFICIAL INTELLIGENCE BASED ASSISTIVE DEVICE FOR FITNESS AND REHABILITATION APPLICATIONS	National	Yazh Physiotherapy	2020
2	Dr.Jayashree L S	Dr.Jayashree L S ,	Application No: 201941053600, TEMP/E-1/56590/2019- CHE CBR No. 42551	System and Method for Predicting a Fall State and a Gait Wellness of a Person	National	Agna Inc	2019
3	Dr.Jayashree L S	Dr.Jayashree L S ,	Application No: 201941053600, TEMP/E-1/56590/2019- CHE CBR No. 42551	System and Method for Predicting a Fall State and a Gait Wellness of a Person	National	Agna Inc	2019
4	Dr.Jayashree L S	Dr.Jayashree L S	201941047865 TEMP/E1/50574/2019CHE	A WEARABLE NAVIGATION ASSISTANT SYSTEM FOR COGNITIVELY-IMPAIRED INDIVIDUAL	National		2019
5	Dr.Karpagam G R	Dr.Vinoth Kumar B, IT Dr.Sivakumar P, EEE Dr.Karpagam G R Dr.Umamaheswari K, IT	201941040131	System and method for notifying an arrival of an emergency vehicle to automotive vehicles	National		2019
6	Dr.Sudha Sadasivam G	Dr. Anitha Kumari K, IT Dr.Sudha Sadasivam G	119	System and Method for Security Analysis of an ElGamal Diffie-Hellman based Two-Server 3D Model Password Authenticated and Key Exchange Protocol	National/A State-of-art Handshake Protocol		2016
7	Dr.Engels R	Dr.Chitra A, MCA Dr.Engels R Dr.Marx R	304	AN AMORTIZED INFORMATION RETRIEVAL SYSTEM FOR LARGE INFORMATION REPOSITORIES WITH HETEROGENEOUS UNSTRUCTURED CONTENT ITEMS USING EXTEMPORIZED HIERARCHICAL CONCEPTUAL GRAPH DERIVATION	International		2014
8	Dr.Marx R	Dr.Chitra A, MCA Dr.Engels R Dr.Marx R	304	AN AMORTIZED INFORMATION RETRIEVAL SYSTEM FOR LARGE INFORMATION REPOSITORIES WITH HETEROGENEOUS UNSTRUCTURED CONTENT ITEMS USING EXTEMPORIZED HIERARCHICAL CONCEPTUAL GRAPH DERIVATION	International		2014
9	Mrs.Anusha T	Dr.Venkatesan R Mrs.Anusha T	393921	Dr.R.Venkatesan,Dr.T.Sivakumar, Ms.T.Anusha, "Image Encryption and Decryption System For Encrypting/Decrypting an Image Based on Calligraphy pattern"	International		2014
10	Dr.Venkatesan R	Dr.Venkatesan R Mrs.Anusha T	393921	Dr.R.Venkatesan,Dr.T.Sivakumar, Ms.T.Anusha, "Image Encryption and Decryption System For Encrypting/Decrypting an Image Based on Calligraphy pattern"	International		2014

B.E Computer Science Engineering

Research - Brief

Research

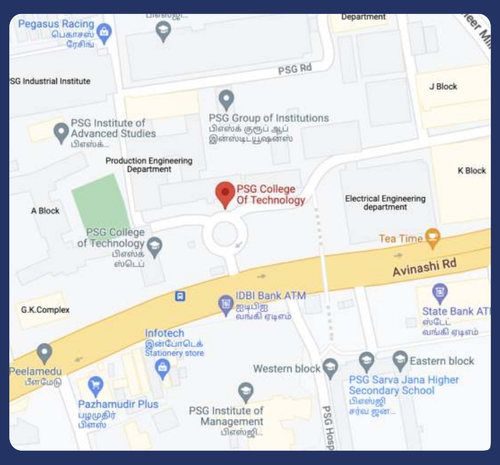
The Department has undertaken research projects sponsored by AICTE, UGC, DST, DRDO, Nokia, and CORDYS. The Department has signed MoUs with CORDYS, Yahoo, HP, Emurgo, Nokia, Verticurl and Impiger. The department has established specialised laboratories on Open Source Systems, Bigdata & cloud computing and Centres of Excellences in Artificial Intelligence, Security Infrastructure and Assistive devices with CTS, CORDYS, Yahoo, Nokia, Impiger, HP and DST. The major areas of research and consultancy of the department include Artificial Intelligence & Machine Learning, Cloud Computing, Computer vision, Assistive Devices, Modeling and Simulation, Communication Networks, Privacy & Security, Big Data Analytics

Research Areas | Recognized Guides

1. Artificial Intelligence including Machine Learning, Deep Learning, Cognitive Computing, Natural Language processing and Big Data Analytics
2. Cloud Computing
3. Wireless Sensor Networks
4. Mobile Adhoc Networks
5. Personalized Information Retrieval
6. Database Integration
7. Privacy and Security
8. Embedded systems
9. Computer Vision
10. Assistive Devices

Research Areas | Recognized Guides

Dr.Karpagam G R
Dr.Sudha Sadasivam G
Dr.Arul Anand N
Dr.Jayashree L S
Dr.Santhi V
Dr.Suriya S
Dr.Saranya K G
Dr.Sathiyapriya K



B.E Computer Science Engineering

Faculty Publication Details

S.No.	Name	Google Scholar URL	Research Scholar URL
UG			
1	Dr.Sivaranjani S		
2	Dr.Sudha Sadasivam G		
3	Dr.Karpagam G R		
4	Dr.Jayashree L S		
5	Dr.Arul Anand N		
6	Dr.Lovelyn Rose S		
7	Dr.Santhi V		
8	Dr.Indumathi D		
9	Dr.Kavitha C		
10	Dr.Gopika Rani N		
11	Mr.Ramesh A C		
12	Dr.Sathiyapriya K		
13	Dr.Vijayalakshmi S		
14	Mrs.Anusha T		
15	Dr.Saranya K G		
16	Ms.Arul Jothi S		
17	Mr.Prakash J		
18	Ms.Vani K		
19	Ms.Adlene Anusha J		
PG			
1	Dr.Suriya S		
2	Ms.Thirumahal R		

B.E Computer Science Engineering

Journal Publications

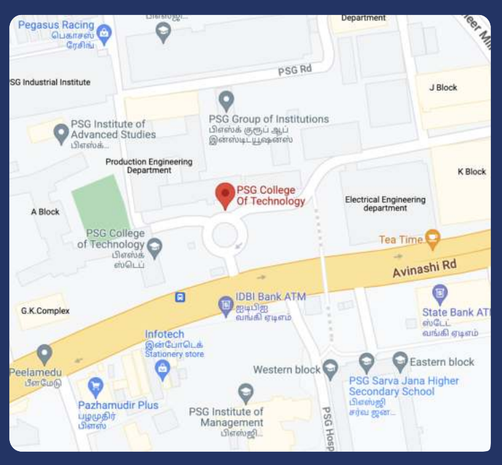
S.No.	Author	Co Authors	Title of the Paper	Publisher	Year
1	Ms.Arul Jothi S		Anomaly Detection in Weather Forecasting System	IRO	2023
2	Mrs.Anusha T	Dr.R.Venkatesan	Probabilistic Neural Network based Shared Random Key Generation for Trellis Coded Wireless Cryptosystem	The Institution of Media Professionals (IMP), New Delhi	2023
3	Dr.K.Banumathi Director	Dr.Sudha Sadasivam G Dr. Banu Rekha B, BME Shahana N Vaishnavi K	AI Powered Screening Aid for Dyslexic Children in Tamil	2023 International Conference on Advances in Intelligent Computing and Applications (AICAPS)	2023
4	Ms.Arul Jothi S	Venkatesan R Dr.Santhi V	Rule-Based Outlier Detection with a Modified Variational AutoEncoder for Enhancing Data Accuracy in Wireless Sensor Networks	Springer	2023
5	Dr.Sathiyapriya K	Bhavadharinie S Atchaya R Kripaa H Sowmya V	Designing and Migration of Library Database	www.irojournals.com/tcsst/	2023
6	Ms.Arul Jothi S		Infrastructure Management System	IRO	2023
7		Dr.Vijayalakshmi S J Johanna Smriti, Keerthna Manikandan	Automated Water Level Monitoring System using Arduino and GSM Module	IRO Journals	2023
8	Dr.Saranya K G	Dharma Durai V Aditya Sharma	A Critical Review on Location Based Hybrid Filtering Recommender Systems	Journal of Soft Computing Paradigm	2023
9	Mrs.Anusha T	Deepti Ravi Kumar Nandha Kishore D. Rahul Raj	Implementation of Message Service Queue Using Rabbit MQ	IRO	2023

B.E Computer Science Engineering

Journal Publications

International Journals

S.No.	Author	Co Authors	Title of the Paper	Publisher	Year
1	Ms.Arul Jothi S		Anomaly Detection in Weather Forecasting System	IRO	2023
2	Mrs.Anusha T	Dr.R.Venkatesan	Probabilistic Neural Network based Shared Random Key Generation for Trellis Coded Wireless Cryptosystem	The Institution of Media Professionals (IMP), New Delhi	2023
3	Dr.K.Banumathi Director	Dr.Sudha Sadasivam G Dr. Banu Rekha B, BME Shahana N Vaishnavi K	AI Powered Screening Aid for Dyslexic Children in Tamil	2023 International Conference on Advances in Intelligent Computing and Applications (AICAPS)	2023
4	Ms.Arul Jothi S	Venkatesan R Dr.Santhi V	Rule-Based Outlier Detection with a Modified Variational AutoEncoder for Enhancing Data Accuracy in Wireless Sensor Networks	Springer	2023
5	Dr.Sathiyapriya K	Bhavadharinie S Atchaya R Kripaa H Sowmya V	Designing and Migration of Library Database	www.irojournals.com/tcsst/	2023
6	Ms.Arul Jothi S		Infrastructure Management System	IRO	2023
7		Dr.Vijayalakshmi S J Johanna Smriti, Keerthna Manikandan	Automated Water Level Monitoring System using Arduino and GSM Module	IRO Journals	2023
8	Dr.Saranya K G	Dharma Durai V Aditya Sharma	A Critical Review on Location Based Hybrid Filtering Recommender Systems	Journal of Soft Computing Paradigm	2023
9	Mrs.Anusha T	Deepti Ravi Kumar Nandha Kishore D. Rahul Raj	Implementation of Message Service Queue Using Rabbit MQ	IRO	2023



B.E Computer Science Engineering

Conference Publications

International Conferences

S.No.	Author	Co Authors	Title	Conference	Year
1	Ms.Arul Jothi S	Harini S, Nivetha K, Selva Keerthana B G, Gokul R, Jayasree B S,	Data Anomaly Detection in Wireless Sensor Networks Using β -Variational Autoencoder	International Conference on Intelligent Systems for Communication, IoT and Security (ICISCoIS)	09/02/2023
2	Suresh Kumar S	Dr.Vijayalakshmi S Chidambaram G, Dhayanandh A T,	Attribute based Encryption in Healthcare Application	International Conference on Automation, Computing and Renewable Systems (ICACRS 2022)	13/12/2022
3	Suresh Kumar S	Dr.Vijayalakshmi S Chidambaram G,	Data Privatization and Security using Bit Plane Complexity Segmentation	International Conference on Automation, Computing and Renewable Systems (ICACRS 2022)	13/12/2022
4	Dr.Sudha Sadasivam G	Harismithaa L R, Shanmugapriya,	Multimodal Approach to Identify Attention Level of Students using Jetson Nano	International Conference on Signal Processing and Communication	01/12/2022
5	Dr.Sudha Sadasivam G	Dr.K.Banumathi, Dr. Banu Rekha B, BME Harismithaa.LR,	Remedial Learning Assessment for Dyslexic Children in Primary Schools Using Deep Learning	International Conference on Material Science and Computational Engineering-2022	18/11/2022
6	N G Swetha	Dr.Karpagam G R	GPU Accelerated QoSE based Web Service Selection Framework	6th International Conference on Intelligent Computing and Control Systems (ICICCS)	25/05/2022
7	Mr.Prakash J	Haham Debbarma, Ramraj Ram Vardhan, Arunit Baidya, Karthik Anand, P Prudhvi Sai,	Detection of Covid-19 Severity with CT Scan Images using Segmentation Techniques	6th International Conference on Trends in Electronics and Informatics (ICOEI)	28/04/2022
8	N G Swetha	Dr.Karpagam G R	Lexicon Ontology driven Concept Lattice Framework for Semantic Web Service Discovery	6th International Conference on Computing Methodologies and Communication (ICCMC)	29/03/2022
9	Hemkiran S	Dr.Sudha Sadasivam G	A network based clustering approach for in silico drug repurposing in Alzheimer's Disease	International Conference on Advanced Computing and Communication Systems (ICACCS2022)	26/03/2022
10	Dr.Karpagam G R	Aditya Varma, Samrddhi M, Shri Shivathmika V,	Understanding, Visualizing and Explaining XAI Through Case Studies	8th International Conference on Advanced Computing and Communication Systems (ICACCS), 2022	25/03/2022
11	Hemkiran	Dr.Sudha Sadasivam G	A network based clustering approach for in silico drug repurposing in Alzheimer's Disease	IEEE 8th International Conference on Advanced Computing and Communication Systems (ICACCS)	25/03/2022
12	Harismithaa L R	Dr.Karpagam G R	Multimodal Screening for Dyslexia	8th International Conference on Cognitive Science	20/01/2022
13	Dr.Sathiyapriya K	Navenkumar D, Priyadarsan M, Mokshith M, Preetham B,	Soukya - Virtual Rehabilitation And Monitoring	1st International Conference on EMMA -2021	24/12/2021
14	Dr.Kavitha C	Narmatha R, Aishvarya G, Sharadha K, Thamil Vani S, Lavanya G,	Ensemble Based Approach For Early Prediction Of Alzheimer's Disease	1 st International Conference on EMMA-2021 (Engineering, Medicine, Management, Arts and Sciences)	24/12/2021
15	Dr.Kavitha C	Akshaya M, Poornima, sri P, Roshini M, Selvapriya K, Vikasini T,	Deep Learning Based Sign Language Interpreter	1 st International Conference on EMMA-2021 (Engineering, Medicine, Management, Arts and Sciences)	24/12/2021
16	Ms.Shruti P, IT	Ms.Thirumahal R	A survey on ontology techniques deployed in the biomedical domain	Proceedings of the First International Conference on Combinatorial and Optimization, ICCAP 2021	22/12/2021
17	Mr.Prakash J	Dr.Vinoth Kumar B, IT	Optic Disc Detection in Fundus Eye Images – A Detailed Survey	1st International Conference on Combinatorial and Optimization, ICCAP 2021	07/12/2021
18	Karunya K	Dr.Karpagam G R Ms.Swathi J	Leveraging Classification of Brain Tumour using Deep Learning Architecture	Proceedings of the First International Conference on Combinatorial and Optimization, ICCAP 2021	07/12/2021
19	Ms.Thirumahal R	Balaji M,	Ameliorated End-to-End Deep Learning System for Self Learning Cars	International Conference on Combinatorial and Optimization	07/12/2021
20	Dr.Karpagam G R		A Survey about Fusion of Blockchain Technology in Various Application Realms	Proceedings of the First International Conference on Combinatorial and Optimization, ICCAP 2021, December 7-8 2021,	07/12/2021
21	Dr.Suriya S	C Babu Vignesh,	Deep Learning Based Hybrid Approach For Facial Emotion Detection	First International Conference on Combinatorial and Optimization, ICCAP 2021	07/12/2021
22	Bharathi	Mr.Prakash J	3D - Learning Representations From Audio Using Autoencoders	1st International Conference on Combinatorial and Optimization, ICCAP 2021	07/12/2021

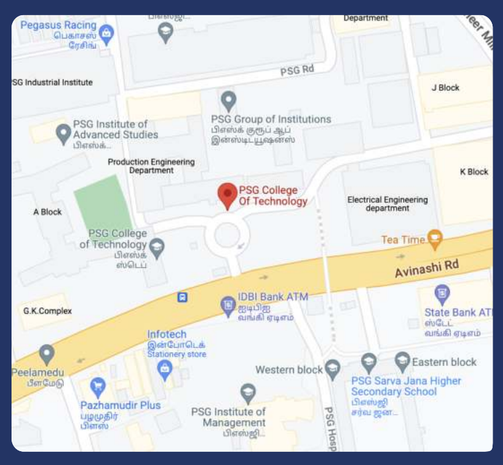
National Conferences

S.No.	Author	Co Authors	Title	Conference	Year
1	Dr.Suriya S	C Babu Vignesh,	Supervised Machine Learning Approaches for Reliable Tamil Character Recognition	Research Conclave 2022	03/06/2022
2	Dr.Indumathi D	Aravind T,	Review of Deep Learning Models for Crop Disease Detection	National Level Research Conclave 2022	03/06/2022
3	Dr.Suriya S	C Vignesh Babu,	Facial Emotion Detection using Deep Learning Techniques	National Conference on Recent Advances in Computing and Information Technology (NCRACIT 2021)	03/12/2021
4	Viveka Shenoy K	Dr V Maheswaran, Dr.Karpagam G R Dr.Vinoth Kumar B IT	Evaluation of Deep Architectures for Automatic Lung Infection Segmentation of COVID-19 HRCT Images	National conference on Intelligent systems and Applications NAISA 21	24/04/2021
5	Dr.Suriya S	Shalini J,	Tamil Character Recognition using Deep Learning Algorithms	National Conference on "Intelligent Systems and Applications-NCISA-2021	24/04/2021
6	BALASARATH B S	THARANI GANESH M, Dr.Karpagam G R Dr.P.Narayanasamy EEE	ATTENDANCE TRACKER	National conference on Intelligent systems and Applications NAISA 21	24/04/2021
7	Sanjana.S.S	Dr.Marx R	Cross-modality deep feature learning for brain tumor segmentation	National Conference on Intelligent Systems and Applications (NCISA - 2021)	24/04/2021
8	Dr.Engels R	V.Veeralakshmi,	Accident Analysis using Machine Learning and NLP methods	National Conference on Intelligent Systems and Applications (NCISA - 2021)	24/04/2021
9	Asmitha R	Poorvaja G, Priyadarshini S, Thasmiya J, Dr.Kavitha C	Stress detection in real-time using image processing and deep learning	National Conference on Intelligent Systems and Applications (NCISA 2021)	24/04/2021
10	Dr.Indumathi D	Sumi T,	Smart Shopping Cart for Visually Impaired with Voice Notifications and Recommendations	National Conference on Intelligent Systems and Applications (NCISA - 2021)	24/04/2021
11	Karthic	Mrs.Shymala Gowri S IT Dr.Sudha Sadasivam G	Survey on tools for Android malware analysis		23/04/2021

B.E Computer Science Engineering

Books

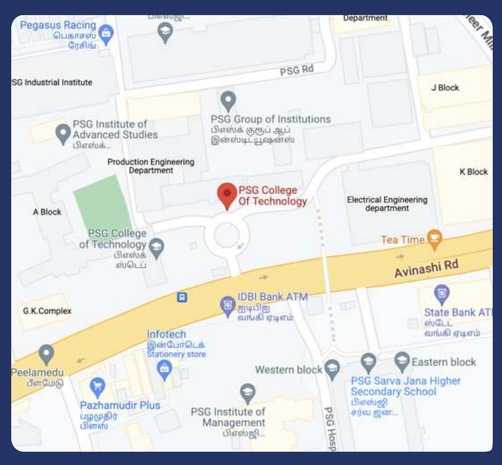
S.No.	Author	Co Author	Title	Publisher	Year
1	Dr.Suriya S		UML Diagramming: A Case Study Approach	Taylor & Francis Ltd	2022
2	Dr. Anitha Kumari K, IT	Dr.Sudha Sadasivam G Mrs.Dharani D, IT	Edge Computing: Fundamentals, Advances and Applications	CRC Press, Taylor & Francis Group, LLC	2021
3	Dr.Karpagam G R	Dr.Vinoth Kumar B, IT Dr.Uma Maheswari J Dr.Xiao-Zhi Gao,	Smart Cyber Physical Systems: Advances, Challenges and Opportunities	CRC Publisher	2020
4	Dr.Vinoth Kumar B, IT	Dr.Uma Maheswari J Dr.Karpagam G R Dr.Sivakumar P, EEE	Computing Paradigms for Smart Healthcare	Novascience Publisher	2020
5	Dr.Sudha Sadasivam G	Ms.Thirumahal R	Big Data Analytics	OXFORD PRESS	2020
6	Dr Jude Hemanth,	Dr.Vinoth Kumar B, IT Dr.Karpagam G R	Recent Advances on Memetic Algorithms and its Applications in Image Processing	Springer	2020
7	Dr.Ashok Kumar L, EEE	Dr.Jayashree L S Manimegalai R.,	Artificial Intelligence, Smart Grid and Smart City Applications	Springer International Publishing	2019
8	Dr.Jayashree L S	G. Selvakumar,	Getting Started with Enterprise Internet of Things: Design Approaches and Software Architecture Models	Springer Nature Switzerland AG	2019
9	Dr.Lovelyn Rose S	Dr.Ashok Kumar L, EEE Dr.Karthika Renuka D, IT	Deep Learning Using Python	Wiley India	2019
10	Dr.Karpagam G R	A. Mukeshpandi, K. S. Sanjay Krishnan, S. Vanjinathan,	Studies in Fuzziness and Soft Computing- Smart Techniques for a Smarter Planet Towards Smarter Algorithms	Springer	2019
11	Dr.Venkatesan R	Dr.Lovelyn Rose S	Data Structures	wiley	2019
12		Dr.Lovelyn Rose S	Data Structures	Wiley	2015



B.E Computer Science Engineering

Events Organised

S.No.	Level	Nature of the Event	Title	Convener	Organizers	From	To	Sponsoring Agency
1	National	Workshop	IPR Cell "Sensitization Workshop on Patent Drafting & Filing"		Dr.Thilagavathi G, TXT Mr.Prakash J	27-Dec-2022	27-Dec-2022	
2	City	Webinar	Thesis Rendering on DSPACE Institutional Repository	Dr.Karpagam G R	Mr.Arumugam J, LIB Mr.Prakash M, LIB Mr.Venkatesh S, LIB	18-Sep-2022	18-Sep-2022	
3	National	Alumni-get-together	Alumni get-together(2021 Batch)		Dr.Indumathi D Dr.Sathiyapriya K	23-Jul-2022	23-Jul-2022	
4	City	Seminar	Multi-Label Learning	Dr.Kanakaraj J, EEE Dr.Sudha Sadasivam G	Dr.Ashok Kumar L, EEE Dr.Lovelyn Rose S Dr.Karthika Renuka D, IT	13-Jul-2022	13-Jul-2022	Nil
5	State	Workshop	Workshop on Thesis Rendering on DSPACE Institutional Repository		Dr.Karpagam G R Mr.Arumugam J, LIB Mr.Prakash M, LIB Mr.Venkatesh S, LIB	17-Mar-2022	17-Mar-2022	
6	City	Workshop	Staff Development Program on "Stress and Time Management in Workplace"		Dr.Karpagam G R Mr.Arumugam J, LIB Mr.Prakash M, LIB Mr.Venkatesh S, LIB	26-Feb-2022	26-Feb-2022	
7	National	FDP/SDP	AICTE ATAL FDP on Foundation of Data Science and Machine learning for cross domain applications	Dr.Sudha Sadasivam G Dr.Nadarajan R, AMC	Dr.Santhi V Dr.Malar B, AMC	27-Dec-2021	31-Dec-2021	AICTE



B.E Computer Science Engineering

Special Lectures Delivered

S.No.	Delivered By	Event	Topic	Organizer	From	To
1	Ms.Thirumahal R	FDTP on "CS8091" - "Big Data Analytics"	Association Rule Mining, Apriori algorithm, Evaluation of candidate rules.	PSG INSTITUTE OF TECHNOLOGY AND APPLIED RESEARCH	20/07/2022	20/07/2022
2	Dr.Sudha Sadasivam G	Framing COs and calculating attainments	Framing COs	PSGITECH	05/03/2022	05/03/2022
3	Dr.Sudha Sadasivam G	Emerging Trends in Industry 4.0	Cloud Computing in Industry 4.0	CIT	07/01/2022	07/01/2022
4	Dr.Lovelyn Rose S	One Day Workshop on "R Programming"	R Programming	PSGR Krishnammal College for Women	03/12/2021	03/12/2021
5	Dr.Sathiyapriya K	The Value of Analytics and Security in Healthcare	Privacy in Healthcare Analytics	Department of CSE, IT and PSG CARE	01/12/2021	01/12/2021
6	Dr.Sudha Sadasivam G	Value of Analytics and security in Healthcare	Machine learning approaches for screening for Dyslexia	PSG CARE	29/11/2021	04/12/2021
7	Ms.Bharathi A	Faculty Development Programme on "Building Deep Learning Models Using Python"	Basics of Python	PSG CARE	06/09/2021	11/12/2021
8	Ms.Swetha N G	3 Week Online FDP on Android Application Development	Android Widgets and UI Components	Dept of CSE and MCA with PSG CARE	15/04/2021	05/05/2021
9	Dr.Suriya S	3 Week Online FDP on Android App Development	Layout and Different types of layouts in Android with Hands on	PSG CARE - Dept. of CSE & Dept. of MCA	15/03/2021	05/05/2021
10	Dr.Sudha Sadasivam G	The power of teacher-student relationship	Teaching learning process	CIT	22/02/2021	24/02/2021
11	Dr.Sudha Sadasivam G	The Power of Tecaher-student relationship in determing success	Teacher student relationships	CIT	01/02/2021	06/02/2021
12	Dr.Indumathi D	DBT course-Data Structures	Algorithms	Dept. of CSE and BT	01/02/2021	28/02/2021
13	Dr.Indumathi D	Certificate course in Cyber security and Data Science 2021	Data Mining	PSG CARE	01/01/2021	30/06/2021
14	Dr.Lovelyn Rose S	AICTE Sponsored six days Short Term Training Programme (STTP) on “Research Challenges and Emerging Trends in Ontology and Data Science for Deep Learning	"Deep Learning – Basics & Algorithms	MVJ College of Engineering, Bengaluru	07/12/2020	12/12/2020

B.E Computer Science Engineering

Student Association

CSE Association

CSEA, the disciplinary association for the Department of Computer Science and Engineering, stands as a platform to help the students enhance their practical knowledge through various events like group discussions, seminars, workshops and guest lectures. The association also helps the students improve their technical skills through various competitions throughout the year.

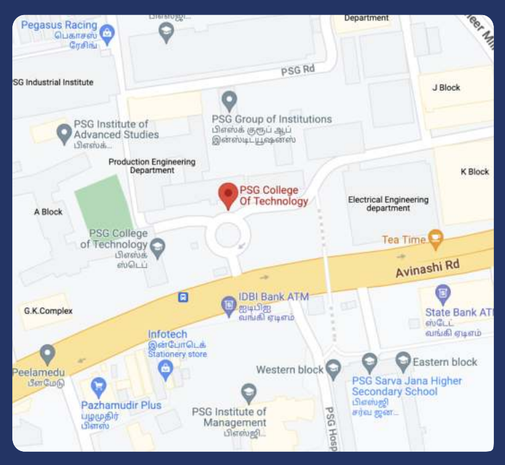
Faculty Advisor: Ms.Arul Jothi S

Secretary: Shivani B

Joint Secretary: Dhilip Sanjay S ,

Treasurer: Gowreesh R, Aishvarya G, Janarthanan K, Adhitya Sreeram, Harismithaa L R

S.No.	Date of the Event	Title of the Event	Event Summary
1	07/05/2021	Placement and Career Opportunities	Guest lecture
2	31/03/2021	Digital Marketing and its Trends	Guest lecture
3	27/03/2021	Introduction to Android Security	Guest lecture & Hands on session
4	21/01/2021	Tech war	Technical event for Iyr students
5	20/01/2021	Brainworks	Technical event
6	18/10/2020	Kaun Banega Codepathi	The event is more similar to the well-known television programme “Kaun Banega Crorepati?” which is a quiz-based game. Unlike this television show, In “Kaun Banega Codepathi? ”the plan is to throw questions more related to computer science stream.
7	18/10/2020	Kryptomaniac	Kryptomaniac basically deals with cryptography and steganography. This event also includes a coding round, where the participants have to code the logic of encryption. No previous knowledge of encryption techniques required.



B.E Computer Science Engineering

Awards & Achievements

Year : 2020

Name	Awards/Achievements
SASHTI AMAR.R.A	Certificate of Merit
Kireshvanth B	Certificate of Merit
Kavin Aravindhan R	Certificate of Merit
Shiva Prakash P	Certificate of Merit
lokesh yadav M	Certificate of Merit

B.E Computer Science Engineering

Exhibited Projects

Year : 2017

Name	Title
R.Barath Kumar,M.Vimal, K.Hariharasudaan, Aswinth	Best Projectct Award by PSG Tech Alumni Association & TCS Best Projectct Award

Department of Computer Science & Engineering 1987

Research Fellowship

Ms.Swathi S
Project Associate

+91--

PSG Since 16/12/2019

more

Ms.Snofy D Dunston
Junior Research Fellow

+91--

PSG Since 02/11/2020

more

Ms.Vaishnavi K
Junior Research Fellow

+91--

PSG Since 10/12/2020

more

Mr.Soundharyan P
Project Associate

+91--

PSG Since 11/12/2020

more

Ms.Swathi N
Project Associate

+91--

PSG Since 22/07/2021

more

Ms.Harismithaa LR
Project Associate

+91--

PSG Since 23/07/2021

more

B.E Computer Science Engineering

STTP / Workshops / FDP Attended

Search by name By Month Select By Year Select Filter

S.No.	Faculty	Title of the Event	Nature of the Event	From	To	Sponsoring Agency	Organized by
1	Ms.Adlene Anusha J	Research Data Management	State FDP	13/03/2023	17/03/2023	VIT Vellore	VIT Vellore
2	Dr.Sathiyapriya K	Optimization Techniques and its emerging applications	National FDP	19/12/2022	23/12/2022	PSG CARE	Dept. of EEE
3	Ms.Adlene Anusha J	Optimization Techniques and its Emerging Applications.	National FDP	19/12/2022	23/12/2022	PSG CARE	PSG CARE
4	Ms.Thirumahal R	Accelerating AI Using MATLAB & METAVERSE- Opportunities Beyond the Hype	International Workshop	07/12/2022		PSG College of Technology	Department of Computer Science and Engineering
5	Ms.Thirumahal R, Dr.Sathiyapriya K,	Linear Algebra and Its Applications	National FDP	07/11/2022	11/11/2022	PSG College of Technology	Department of Mathematics
6	Dr.Sudha Sadasivam G	Inculcating Universal Human Values in Technical Education	National FDP	31/01/2022	04/02/2022	AICTE	AICTE
7	Ms.Arul Jothi S	5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education"	National FDP	31/01/2022	04/02/2022	AICTE	AICTE
8	Dr.Sudha Sadasivam G	Computational Thinking for Problem Solving	International ShortTermCourse	01/01/2022	01/03/2022	Coursera	Coursera
9	Mr.Prakash J	Foundations of Data Science and Machine Learning for Cross-domain Applications	International FDP	27/12/2021	31/12/2021	AICTE	PSGCT
10	Dr.Sudha Sadasivam G	Blockchain Technologies and its applications	National FDP	06/12/2021	10/12/2021	AICTE	Manipal instiute of technology
11	Ms.Adlene Anusha J	FDP on The value of Analytics and Security in Healthcare	National FDP	29/11/2021	04/12/2021	-	PSGCT
12	Dr.Sathiyapriya K	INFORMATION STORAGE SECURITY PRACTICES (ISSP)	National Online Courses	26/11/2021		Society for Electronic Transactions and Security(SETS).	Department of IT, PSGCT
13	Ms.Swathi J	Six day (weekend) webinar series on "Mathematical Foundations of Machine Learning"	National Webinar	25/09/2021	08/11/2021	NA	Department of CSE, PSG College of Technology
14	Dr.Vijayalakshmi S, Ms.Thirumahal R,	Mathematical Foundations of Machine Learning	National Webinar	25/09/2021	08/11/2021	N/A	Dept. of CSE
15	Ms.Swathi J	AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Intelligent Computing in Healthcare"	National FDP	20/09/2021	24/09/2021	ATAL	National Institute of Technology Raipur
16	Dr.Indumathi D	Online FDP on Emerging Trends in the field of Artificial Intelligence and Machine Learning Applications	National FDP	20/09/2021	24/09/2021	AICTE	IEM, Kolkata
17	Ms.Adlene Anusha J	Online Elementary FDP on Intelligent Computing in Healthcare	National FDP	20/09/2021	24/09/2021	AICTE	National Institute of Technology Raipur.
18	Ms.Bineeshia	Intelligent Computing in Healthcare	National FDP	20/09/2021	24/09/2021	ATAL	NIT,Rajpur
19	Ms.Swathi J	One week Online FDP on "Building Deep Learning models using Python"	National FDP	06/09/2021	11/09/2021	PSG CARE	Department of CA and Department of CSE
20	Ms.Adlene Anusha J, Ms.Bineeshia,	Building Deep Learning Models Using Python	National FDP	06/09/2021	11/09/2021	-	PSGCT and PSG CARE
21	Dr.Kavitha C	FDP on Advanced Optimization Techniques and Hands-on with MATLAB/SCILAB	National FDP	06/09/2021	17/09/2021	NA	EICT Academy IIITDM Jabalpur
22	Dr.Kavitha C	Computer Architecture	City FDP	06/09/2021	10/09/2021	PSG College of Technology	Dept. of CSE, PSG iTech
23	Dr.Sathiyapriya K	Online Faculty Development Programme on Advanced Optimization Techniques and hands-on with MATLAB/SCILAB	National FDP	06/09/2021	17/09/2021	MeiTY	MNIT Jaipur, NIT Patna, IIITDM Jabalpur & IIT Guwahati
24	Ms.Swathi J	Five day online FDP on "Research orientation and Data Analytics"	National FDP	09/08/2021	13/08/2021	NA	Mount Zion Institute of Science and Technology
25	Dr.Vijayalakshmi S	Blockchain Applications in Business for Wealth Creation	International FDP	02/08/2021	06/08/2021	ATAL ACADEMY AICTE, NEW DELHI	INDIAN INSTITUTE OF PLANTATION MANAGEMENT BENGALURU
26	Dr.Santhi V	Machine Learning for Internet of Things	National FDP	26/07/2021	31/07/2021	IITG	KKR and KSR Institute of Technology & Sciences, Andhra Pradesh
27	Ms.Bineeshia	FDP Python Programming	National FDP	26/07/2021	06/08/2021	Ministry of Electronics and Information Technology (MeitY), Govt. of India	Electronics and ICT Academies,IIT Kanpur, IIT Guwahati, MNIT Jaipur, NIT Patna, IIT Roorkee, NIT Warangal and PDPM IIITDM Jabalpur
28	Ms.Arul Jothi S	Two weeks online training course on "Python Programming"	National FDP	26/07/2021	06/08/2021	Ministry of Electronics and Information Technology (MeitY), Government of India.	EICT Academy, IIITDM, IIT Kanpur
29	Dr.Suriya S	Framework for Online Assessment	National FDP	12/07/2021	16/07/2021	ATAL AICTE	National Institute of Technical Teachers Training & Research (NITTTR)
30	Dr.Suriya S	Data Science	National FDP	01/07/2021	05/07/2021	ATAL AICTE	Indian Institute of Information Technology, Una
31	Dr.Sudha Sadasivam G	Blockchain and Smart Contract technology	National FDP	25/06/2021	29/06/2021	AICTE-Margdharshan	NIT Trichy
32	Dr.Suriya S	Artificial Intelligence and Machine Learning using Python	National FDP	21/06/2021	26/06/2021	ATAL AICTE	Engineering College Bikaner
33	Mr.Prakash J	Human Factors in Software Design	National FDP	21/06/2021	25/06/2021	ATAL	IITM
34	Ms.Vani K	SPARC ONLINE WORKSHOP on Computing Models and Data Analytics	National FDP	12/04/2021	16/04/2021	Ministry of Education, Govt. of India	NIT Trichy & Macquarie University Sydney
35	Dr.Suriya S	Next generation Computing and Networking	National FDP	08/03/2021	12/03/2021	TEQIP III	NIT Uttarakhand
36	Mrs.Anusha T	PSG-Binghamton International Webinar: Wearable Electronics	International Webinar	03/03/2021	03/03/2021	-	PSG College of Technology,Coimbatore
37	Mrs.Anusha T	TEQIP- III sponsored online webinar on National Educational policy- an Engineering perspective	National Webinar	27/02/2021	27/02/2021	TEQIP-III	PSG College of Technology,Coimbatore
38	Ms.Swetha N G	Decoding the Predatory journal menace	National Seminar	18/02/2021	18/02/2021	Nil	Elseiver
39	Dr.Saranya K G	Two days Online FDP on Deep Learning: Emerging Trends and Research Challenges	National FDP	29/01/2021	30/01/2021	TEQIP	PSG College of Technology
40	Mrs.Anusha T	NPTEL-AICTE Faculty Development Programme	National FDP	18/01/2021	22/08/2021	Ministry of HRD,Govt. of India	IIT Madras
41	Mr.Prakash J	Design Thinking for Innovation	International Online Courses	03/01/2021		University of Virginia	Coursera
42	Mr.Prakash J	Software Processes and Agile Practices	International	17/12/2020		University of Alberta	Coursera
43	Mr.Prakash J	Machine Learning for All	International Online Courses	17/12/2020		University of London	Coursera
44	Dr.Engels R	Professional Development Programme	National FDP	14/12/2020	18/12/2020	TEQIP III	IIM Udaipur
45	Mr.Prakash J	Data Analytics in BioMedical Engineering	National ShortTermCourse	14/12/2020	19/12/2020	AICTE	Karpagam University
46	Dr.Marx R	Professional Development Training Programme for Faculty & Administrators of Project Institutions	National FDP	07/12/2020	09/12/2020	TEQIP	IIM Visakapatnam
47	Dr.Suriya S	Online FDP on Data Sciences through ATAL	National FDP	02/12/2020	06/12/2020	ATAL	University College of Engineering, Kakatiya University
48	Ms.Thirumahal R	Python Basics	International ShortTermCourse	01/12/2020	18/12/2020	Coursera	University of Michigan
49	Mrs.Anusha T	AICTE Training And Learning (ATAL) Academy Online FDP on "Cyber Security"	National FDP	30/11/2020	04/12/2020	AICTE	Sri Venkateswara College of Engineering.
50	Dr.Sathiyapriya K	Research Challenges and Applications of Internet of Things (IoT) in Smart Agriculture	National Online Training Programmes	30/11/2020	05/12/2020	ALL INDIA COUNCIL FOR TECHNICAL EDUCATION	Kongunadu College of Engineering and Technology

B.E Computer Science Engineering

PhD Completed

S.No.	Candidate	Title of the Thesis	Guide/ Co Guide	Date of Completion
1	Karthiga M	CERTAIN INVESTIGATION ON REMOTE DETECTION OF ARRHYTHMIA USING META- HEURISTICS OPTIMIZATION TECHNIQUES	Dr.Santhi V	02/03/2023
2	Ms.Radhika E G	An Intelligent Cost Optimized Autoscaling Framework for Hybrid Cloud	Dr.Sudha Sadasivam G	01/08/2022
3		AI POWERED GPU ENABLED SEMANTIC WEB SERVICE COMPOSITION	Dr.Karpagam G R	15/07/2022
4	Dr.Sangeetha S	Application of differential privacy to recommendation systems	Dr.Sudha Sadasivam G	18/02/2022
5	Dr.Vijayalakshmi S	SELF ORGANIZING BLOCKCHAIN ENABLED SECURITY FRAMEWORK FOR ONLINE VOTING	Dr.Karpagam G R	07/01/2021
6	Dr.Bhama S	DESIGN AND DEVELOPMENT OF AI-POWERED QoS BASED ARCHITECTURE FOR SEMANTIC WEB SERVICE DISCOVERY IN CLOUD	Dr.Karpagam G R	13/11/2019
7	R Suganya	Policies based Approaches and Techniques for QOS Adaptations in Mobile Ad-Hoc Network	Dr.Jayashree L S	12/09/2019
8	Karthiga M	Certain Approaches to Improve Network Lifetime in Wireless Sensor Networks	Dr.Venkatesan R	26/07/2019
9	Mrs.Dhanabagyam S N	Identity and Access Management as a Service in cloud	Dr.Karpagam G R	11/04/2019
10	Dr.Saranya K G	Personalized News Recommendation using hybrid filtering technique.	Dr.Sudha Sadasivam G	03/09/2018
11	N Gopika Rani	Dependability and Caching enhancements in Distributed Systems	Dr.Sudha Sadasivam G	19/01/2018
12	Vijayalakshmi	Application of Soft Computing Techniques for Intelligent Sensor Data Aggregation in Structural Health Monitoring	Dr.Jayashree L S	09/12/2017
13	N Rajathi	Certain Investigations on Soft Computer Techniques for Sensor Data Processing in Precision Agriculture Applications	Dr.Jayashree L S	09/10/2017
14	R Lakshmi Devi	Empirical Studies on the Performance of Soft Computing Techniques for the Development of Early Warning System for Dengue Outbreak	Dr.Jayashree L S	04/10/2017
15	Dr. Anitha Kumari K	TWO-SERVER PAKE PROTOCOL BASED ON GEOMETRICAL PROPERTIES FOR LARGE SCALE DISTRIBUTED SYSTEMS	Dr.Sudha Sadasivam G	11/09/2017
16	K Akila	Early Detection of Breast Cancer using Image Processing Algorithms and Estimation of Overall Risk Grade	Dr.Jayashree L S	05/06/2017
17	V Ilayaraja	Approaches for Improving QoS Provisioning in Wireless LAN	Dr.Venkatesan R	16/05/2017
18	K Sathiyapriya	Investigations on Fuzzy Association Rule hiding	Dr.Sudha Sadasivam G	04/05/2017
19	J Jeyavel	Protocol Design for Performance Improvement in VANET s	Dr.Venkatesan R	11/04/2017
20	Dr.Uma Maheswari J	DESIGN AND DEVELOPMENT OF SELF ORGANIZING AGENT BASED ARCHITECTURE FOR SEMANTIC WEB SERVICE DISCOVERY IN CLOUD	Dr.Karpagam G R	03/04/2017
21	P Kumudha	Accuracy Improvement In Software Defect Prediction for Software Management	Dr.Venkatesan R	23/03/2017
22	I S Akila	Energy - Aware Clustering Approaches for Improvement of Lifetime in Wireless Sensor Networks	Dr.Venkatesan R	21/03/2017
23	Kavitha C	Performance evaluation of feature selection approaches for document classification	Dr.Sudha Sadasivam G	10/03/2017
24	T Sujithra	Approaches to Improve Efficiency of Data Gathering In Wireless Sensor Networks	Dr.Venkatesan R	19/01/2017
25	Dr.Vinoth Kumar B	Development and Analysis of Evolutionary Algorithms for Quantization Table Optimization in Digital Image Compression	Dr.Karpagam G R	26/09/2016
26	T Sivakumar	Certain New Approaches for Image Encryption using Scan Pattern based Pixel Permutation and Random Number	Dr.Venkatesan R	23/08/2016
27	S.Maheswari	CERTAIN INVESTIGATIONS ON QoS BASED SEMANTIC WEB SERVICE SELECTION	Dr.Karpagam G R	16/08/2016
28	S Sivakumar	Certain Approaches on Error Minimization in Localization of Wireless Sensor Networks using Evolutionary Techniques	Dr.Venkatesan R	16/03/2015
29	S V Manisekaran	Certain Clustering Approaches to Reduce Power Consumption in Wireless Sensor Networks	Dr.Venkatesan R	09/02/2015
30	D Sivaganesan	Certain investigations on the broadcasting in clustered Mobile Ad Hoc Networks	Dr.Venkatesan R	14/10/2013
31	P Venkatesh	New approaches in web prefetching to improve content access by end-users	Dr.Venkatesan R	16/09/2013
32	R Renuga	Studies on Grid based information retrieval mechanisms	Dr.Sudha Sadasivam G	02/11/2011

PhD In progress

2021

S.No.	University Reg. No.	Scholar Name	Supervisor/ Co Supervisor Name	Research Area	Category	Full-time/Part-time	Status
1	21244691343	Priya Kalaivani	Dr.Arul Anand N	Deep Learning	Scholar	FT	Ongoing
2	21254691448	Anisha C D	Dr.Arul Anand N	Artificial Intelligence	Scholar	FT	Ongoing
3	21154691269	Venkatesan N	Dr.Arul Anand N	Deep Learning Natural Language Processing	Scholar	FT	Ongoing
4	21247697178	Vaishnavi K	Dr.Sudha Sadasivam G	Data Science	JRF	FT	Ongoing

2019

S.No.	University Reg. No.	Scholar Name	Supervisor/ Co Supervisor Name	Research Area	Category	Full-time/Part-time	Status
1	17244697678	Bharathi Priya	Dr.Arul Anand N	Big Data Analytics	Scholar	PT	Course work Completed
2	19244691119	Mrs.Shymala Gowri S	Dr.Sudha Sadasivam G	Security	Internal Faculty	PT	Ongoing
3	19244691141	K Madhana	Dr.Jayashree L S	IoT	Scholar	FT	Ongoing
4	19144697132	Mr.Prakash J	Dr.Vinoth Kumar B	Evolutionary Algorithms	Internal Faculty	PT	Ongoing
5	19274697173	Ganagavalli K	Dr.Santhi V	Anomaly Detection	Scholar	PT	Ongoing
6	20134691110	Kirupa Shankar K M	Dr.Santhi V	Security Enhancement in Cloud	Scholar	PT	Ongoing

2018

S.No.	University Reg. No.	Scholar Name	Supervisor/ Co Supervisor Name	Research Area	Category	Full-time/Part-time	Status
1	18234691228	Rathinaeswari SP	Dr.Santhi V	Privacy Preserving Data Mining	Scholar	PT	Ongoing
2	18244691284	Ms.Swetha N G	Dr.Karpagam G R	Service Oriented Architecture and Web Services	Internal Faculty	PT	Course work Completed
3	16144697152	G Selvakumar	Dr.Jayashree L S	Computer Networks Performance Optimization	Scholar	PT	Ongoing
4	18294697120	Geethu Mary George	Dr.Jayashree L S	Blockchain	Scholar	FT	Ongoing

B.E Computer Science Engineering

Sponsored Research Projects

S.No.	Principal Investigator	Co-Investigator(s)	Title of the Project	Sponsoring Agency	From	To	Status
1	Ms.Kiruthika J, AMC	Dr.Shina Sheen, AMC Dr.Sudha Sadasivam G Dr.Senthil Kumar M, AMC Dr. Anitha Kumari K, IT Dr.Saravanan P, ECE Dr.Suresh kumar V, AMC Dr.Thanalakshmi P, AMC Dr.Anandhi S, AMC Dr.Kirubavathi G, AMC	FIST _ DST	DST	2022	2027	Ongoing
2	Dr.Sudha Sadasivam G	Ms.Vani K	Multimodal Access Technology enabled Personalized Augmentative and Alternative Communication Board for Severely Disabled	DST	2022	2025	Ongoing
3	Dr.Prabu T, MEC	Dr.Kannan K, MEC Dr.Rudramoorthy R, PRO Dr.Jayashree L S	AERO ACOUSTIC ANALYSIS CODE DEVELOPMENT FOR INTERNAL FLOW MISSILE SYSTEMS	DRDL	2020	2022	Ongoing
4	Dr.Uma Maheswari J	Dr.Karpagam G R Dr.Vinoth Kumar B, IT Dr. Vidhyapriya R, BME Dr.Umamaheswari K, IT Dr. Pradeep Palaniappan, Dr. G Raghuthaman, Dr. Syed Ummar Ibrahim, Dr. Anuja S Panicker,	Design and Development of AI powered Cognitive Remediation Therapy through Gaming for Schizophrenia patients	DST	2020	2023	Completed and Submitted UC
5		Dr. Banu Rekha B, BME	Development of Smart Assistive Aids to screen and assess Dyslexic children in primary school along with curriculum development in regional language	DST	2020	2023	Ongoing
6	Dr.Ashok Kumar L, EEE	Dr.Jayashree L S	Design and development of Virtual Reality based Rehabilitation Device for Upper Extremity Stroke Survivors.	DST BDTD	2019	2022	Ongoing
7	Dr. Anitha Kumari K, IT	Dr.Sudha Sadasivam G	Approaches to Enhance Security and Privacy in Fog Computing-based Web of Medical Things	AICTE	2019	2022	Completed and Submitted UC
8	Dr.Ashok Kumar L, EEE	Dr.Lovelyn Rose S Dr.Karthika Renuka D, IT Ms.Nishanthi B, EEE	Design and Implementation of E-Learning System using Deep Learning Based on Audio-Video Speech Recognition for Hearing Impaired in Native Language	DST-ICPS	2019	2022	Ongoing
9	Dr.Jayashree L S	Dr.Ashok Kumar L, EEE Dr.Rani P, BIO	Design and Development of a Wearable Intelligent Navigation Guidance (WING) kit (with a Fall Predictor) for Preventing wandering away and Falls in Elderly with D	DST SEED	2018	2021	Completed
10	Dr.Vidyalakshmi S, BIO	Dr.Karpagam G R Dr. Banu Rekha B, BME	DBT sponsored Postgraduate Certificate Course in Data analytics and Management in Bioinformatics	DBT	2018	2021	Completed
11	Dr.Santhi V		Testing of Proposed Congestion Control Scheme in Health Care Wireless Sensor Network	UGC	2017		Completed and Submitted UC
12	Dr.Jayashree L S		Design and Development of scalable cat fish drying unit with hybrid energy sources	WCCRM	2014	2015	Completed
13	Dr.Jayashree L S		Dengue Outbreak Analysis in Urban Slum Area of Chennai using Machine Learning	MSSW	2014	2015	Completed
14		Dr.Sudha Sadasivam G	Sustainable agriculture through crop disease resistance using bioinformatics for genomics on hybrid CPU-GPU clusters	UGC	2013	2017	Completed and Submitted UC
15	Dr.Venkatesan R		Sustainable agriculture through crop disease resistance using bioinformatics for genomics on hybrid CPU-GPU clusters	AICTE	2013	2014	Completed
16	Dr.Neelakrishnan S, AUT	Dr.Rajesh P K, AUT Dr.Karpagam G R	The Green Cloud Project NAFETIC Innovative Product Lifecycle Management (PLM) Solutions through Energy-Efficient Cloud Computing for Small and Medium Enterprises	AICTE, New Delhi	2013	2016	Completed
17	Dr.Sudha Sadasivam G	Dr.Venkatesan R	PSG-Yahoo Collaborative research on Grid and Cloud Computing	Yahoo	2013	2016	Completed and Submitted UC
18	Dr.Sudha Sadasivam G	Dr.Venkatesan R	PSG- Nokia Research on Big Data Analytics and Cloud Computing	Nokia	2013	2014	Completed
19	Dr.Karpagam G R	Dr.Venkatesan R Dr.Neelakrishnan S, AUT	The Green Cloud Project: Innovative Product Lifecycle Management Solutions through Energy - Efficient Cloud Computing for Small and Medium Enterprises	AICTE and Siemens	2013	2016	Completed
20	Dr.Uma Maheswari J	Dr.Karpagam G R Dr.Venkatesan R	Cloud based Dynamic Service Discovery for Emergency Management	AICTE RPS	2013	2016	Completed
21	Dr.Venkatesan R	Dr.Marx R	Modernization of Existing Modeling Software	AICTE	2012	2013	Completed
22	Dr.Karpagam G R		Setting up og PSG-Cordys Cloud Computing Laboratory	Cordys, Hyderabad and Vanenburg ,Coimbatore	2009	2012	Completed
23	Dr.Karpagam G R		Cordys Process Factory challenges – Mash Apps '09 -E-Governance in Academics	Vanenburg	2009	2010	Completed
24	Dr.Karpagam G R		Setting up of PSG-Cordys Service Oriented Architecture Laboratory	Cordys, Hyderabad	2008	2010	Completed
25	Dr.Karpagam G R		Investigations of Bugs /Complaints in Open Hardware Platform Interface	HP USA	2008	2009	Completed
26	Dr.Karpagam G R		Plugins for Open HPI	HP USA	2008	2009	Completed
27	Dr.Karpagam G R		Setting up of Open Source Software Laboratory	COGNIZANT TECHNOLOGY SOLUTIONS	2006	2008	Completed

B.E Computer Science Engineering

Higher Studies

During the Year : 2022

Name	University/Institute	Course
Aadharsh J	University of Texas, Dallas	MS in Marketing

During the Year : 2021

Name	University/Institute	Course
ASMITHA R	Ethiraj College for Women, Madras University,Chennai	MBA