



SANKAGIRI

VIVEKANANDHA

ARTS AND SCIENCE COLLEGE FOR WOMEN

An ISO 9001:2015 Certified Institution | Affiliated to Periyar University, Salem

Recognised under section 2(f) and 12(B) of the UGC Act, 1956

Sankagiri, Salem, Tamilnadu, India



"Vidhya Rathna"
Prof. Dr. M. Karunanithi
B.Pharm., M.S., Ph.D., D. Litt.,
Chairman & Secretary



**DEPARTMENT OF
COMPUTER SCIENCE & APPLICATIONS**

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NEWSLETTER



Department of CS & CA



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www.viasrta.ac.in

**B.Sc,
M.Sc (CS)**

CS, AI&DS, IT, Cyber Security & BCA

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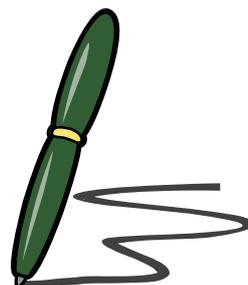


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Vision

" To be a center of excellence in computer science and emerging technologies, fostering innovation, research, and entrepreneurship to shape globally competent professionals



Mission

- Provide quality education in computer science and emerging technologies.
- Promote innovation, research, and practical problem-solving.
- Nurture ethical, socially responsible, and competent professionals

The Department of Computer Science was established in 2014 with the launch of our B.Sc Computer Science program, followed by the introduction of our M.Sc Computer Science program in 2017. The Computer Science department provides a comprehensive learning experience, fueled by high-speed internet facilities that foster a conducive environment for learning and research. We proudly affiliate with esteemed organizations, including the ICT Academy of India, NPTEL, and Computer Society of India. Our students thrive under personalized mentorship, paired with experienced faculty mentors who offer tailored guidance and support. We cultivate a culture of academic excellence, providing opportunities for placement, career advancement, and lifelong learning. With seamless connectivity and access to digital resources, our students can further enrich their learning experience through virtual labs and certificate courses led by distinguished professors.

In three words I can sum up everything I've learned about life: it goes on.

- Robert Frost



DOMAIN IN FOCUS

DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS



The Computer Science, Computer Application, Information Technology, and Cybersecurity programs offer a domain-specific curriculum to prepare students for the evolving tech industry. Through Innovation Hubs and Skill Enhancement Initiatives, the department ensures students acquire industry-relevant expertise. These programs are designed to foster proficiency in specialized areas, equipping students for dynamic career paths in technology.

- AI & Machine Learning in Computer Science
- Web & Mobile App Development in Computer Applications
- Cloud Computing & Big Data Analytics in IT
- Network & Application Security in Cybersecurity
- Data Analytics & Cryptography across all fields



A STRONG BOND

Effective mentoring is essential for nurturing young, promising minds, helping them flourish and progress daily. Traits such as empathetic observation, mindfulness, receptivity to change, and network building play a key role in shaping an individual's personality. A constructive approach, fostering self-sufficiency, and instilling moral values are vital for growth. The evolving teaching-learning environment has become more student-centric, where the educator's role has shifted to that of a facilitator. This allows for a deeper exploration of ideas, encourages expression, and smoothens the overall learning process.

Every individual is born with unique talents, which are honed with time and resources. Acquiring the right guidance at the right time is crucial for success. It's important to understand that each student has their own pace and level of comprehension. The mentor must recognize the needs of the mentee and design personalized learning paths.

The teaching methodologies employed by our faculty ensure that students enjoy an unobstructed journey of higher education while excelling in their chosen fields.

To support skill development, the department offers various initiatives that enhance student capabilities and knowledge. Some of these include:

- Activity based Teaching & Learning
- Expert Lecture Sessions
- Outbound Training Programs
- Industrial Visits
- Intra-Departmental Competitions
- Inter-Collegiate Technical Meet
- Seminars, Symposium and Workshops
- Mock Interviews
- Placement and Career Enhancement activities



FACULTY ACHIEVEMENT

Certification - Online Course

- ▶ "He successfully completed an online certificate course in 'Machine Learning' offered by SoloLearn in July 2025."



Dr. R. Nandhakumar
Asso. Prof. & Head / CS



Mrs. S. Gomathi
Asst. Prof. / CS

FDP Attended

- ▶ "She participated in a Faculty Development Program on Outcome-Based Education, organized by the Faculty Development Cell at VEI, held from July 24th to 26th, 2025."

Workshop Attended

- ▶ "She participated in a one-day research workshop on the 'Art of Writing a Research Article,' organized by the VET Institute of Arts and Science College, Erode, on July 26th, 2025."



Mrs. N. Keerthika
Asst. Prof. / CS

FDP Attended

- ▶ "She participated in the Faculty Development Program on 'Naan Mudhalvan' – AI and Green Skills, organized by Periyar University, held from June 16th to June 21st, 2025."
- ▶ "She participated in a Faculty Development Program on Outcome-Based Education, organized by the Faculty Development Cell at VEI, held from July 8th to 10th, 2025."



Mrs. T. Kavitha
Asst. Prof. / CS



FACULTY ACHIEVEMENT



FDP Attended

- ▶ "She participated in the Faculty Development Program on 'Naan Mudhalvan' – AI and Green Skills, organized by Periyar University, held from June 16th to June 21st, 2025."

Mrs. E. Poongodi
Asst. Prof. / CS

Boot Camp & Conference Participation

- ▶ "He served as a mentor for 10 students who were trained in the bootcamp organized by PSG Krishnammal Arts and Science College for Women, Coimbatore."
- ▶ "He participated in the International Seminar on 'Data Visualization and Machine Learning,' organized by Navarasam Arts and Science College for Women, Erode."



Mr. Balamurugan
Asst. Prof. / CS



FDP Attended

- ▶ "He participated in a one-day hands-on workshop on 'Next Generation Energy Storage in Supercapacitor Technology (NEST),' organized by Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science & Technology, Chennai, on July 24th, 2025."

Mr. S. Ramamoorthy
Asst. Prof. / Physics

FDP Attended

- ▶ "He participated in a Faculty Development Program on Outcome-Based Education, organized by the Faculty Development Cell at VEI, held from July 16th to 22nd, 2025."



Mr. B. N. Dhanasekaran
Asst. Prof. / CS



STUDENT ACHEIVEMENTS



Boot Camp Participation

- ▶ "She trained in the bootcamp organized by PSG Krishnammal Arts and Science College for Women, Coimbatore."

Ms.S.Mithra
II B.Sc CS – IT

Idea Pitching in IIC

- ▶ "She submitted an idea for the YUKTI Innovation Challenge 2025 on 'Web Development,' organized by the Institution's Innovation Council, India."



Ms.C.Subaharini
III B.Sc CS – B



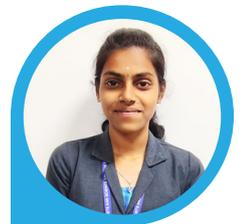
Idea Pitching in IIC

- ▶ She submitted an Idea for Yukti Innovation Challenge – 2025 on "Photo editing and sharing apps" organised by Institution's Innovation Council , India

Ms. D. Monisha
III B.Sc CS – B

Idea Pitching in IIC

- ▶ She submitted an Idea for Yukti Innovation Challenge – 2025 on "Mobile App Development" organised by Institution's Innovation Council, India



Ms. M. Snehapriya
III B.Sc CS – B



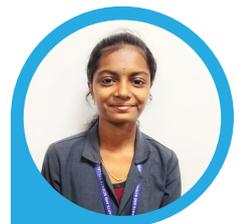
Idea Pitching in IIC

- ▶ She submitted an Idea for Yukti Innovation Challenge – 2025 on "Travel Safety Apps" organised by Institution's Innovation Council , India

Ms.S. Namratha
III BSc CS – B

Idea Pitching in IIC

- ▶ She submitted an Idea for Yukti Innovation Challenge – 2025 on "Web Development" organised by Institution's Innovation Council, India



Ms. S. Shalini
III B.Sc CS – B



Resource Person:
Dr. M. Mai Gnanam,
Assistant Professor and Head
of the Department of Business
Administration at Arulmigu
Arthanareeswaran College,
Tiruchengode



The HoD addressed the importance of machine learning and its impact on the world in the future. He highlighted how ML is revolutionizing various industries and shaping the way we live and work

Resource person explained the concept of Machine Learning. He provided a clear understanding of its fundamentals and real-world applications. His session was insightful and well-received by all attendees.



Resource Person:
Dr. Rajasekaran
Professor & Registrar,
Department of Computing Science
University of Technology and
Sciences, Oman



Principal Sir is shared his wishes
to the department for the
success of the programme

A hands-on workshop on Python and the future scope of industry demand was conducted by our resource person. The session provided practical experience with Python programming and highlighted its growing importance across various industries.



Resource Person:
Dr. Archana BNYS,
Medical Practitioner, Swamy
Vivekanandha Yoga and Naturopathy
College,



She had expertly explained the significance and benefits of yoga. She guided participants through various practices to promote physical health and mental relaxation

The importance of yoga lies in its ability to improve both physical and mental health. It helps reduce stress, increase flexibility, and promote inner peace.



Resource person :
Ms Sindhu Harisakthi,
Block Chain Developer,
Founder of Techaara
Erode.



Blockchain technology enables secure, decentralized transactions without intermediaries, enhancing transparency and reducing fraud. It has broad applications, from cryptocurrencies to supply chain management, offering efficiency, cost savings, and financial inclusion.

Student's Interaction with our
resource Person Everyone
awesome about his session Future
scope of Block Chain Technology



The principal shared a few words about Statistics Day, emphasizing how it celebrates the importance of data in shaping decisions and solving real-world challenges



The students actively participated during Statistics Day with great enthusiasm. Their questions and discussions reflected a strong interest in the subject.

A small statistics workout was conducted on the computer to give students hands-on experience. They practiced data analysis and interpretation using statistical software.



HOD highlighted how effective communication is essential for success in both personal and professional settings. He also emphasized that mastering these skills can greatly improve relationships, enhance teamwork, and boost career opportunities.



Resource Person:

Ms. Shilpa Vaishnavi,

Chief Operating Officer and Chief Trainer at Boldly English, Chennai, graced the event. She shared valuable insights on enhancing communication skills

The students' attention was captured as the session began. They were highly engaged throughout, eager to learn and improve their communication skills. The interactive discussions and activities kept everyone focused and involved



Malala Day emphasizes the importance of education and equality as social responsibilities. It inspires individuals to advocate for the rights of girls and promote access to quality education worldwide.



Malala Yousafzai has made a significant contribution to the education community by advocating for girls' right to education worldwide. Despite facing life-threatening challenges

The students were fully attentive throughout the session. Their focus and enthusiasm made the learning experience engaging.



"In the world of fireless cooking, creativity becomes the flame that fuels innovation, proving that delicious meals can be made with ingenuity rather than heat."



The food was prepared without the use of fire, showcasing creative and safe cooking methods. The event highlighted the potential of fireless cooking in modern culinary practices.

"Fireless cooking reminds us that flavor doesn't always need the heat of a flame; sometimes, the best dishes are crafted with patience, creativity, and a touch of imagination."



BUZZ

Arranged a Industrial Visit to Our III B.Sc CS and AI&DS students to visit Bhavani Sagar Dam on 16.07.2025



6th Hour Activity - Debugging on 25.07.2025. One team was explained the concept of Debugging and How its Work

6th Hour Activity - Coding on 25.07.2025 she was writing a program and its structure





VIVEKANANDHA EDUCATIONAL INSTITUTIONS

TIRUCHENGODE CAMPUS

Swamy Vivekanandha Medical College Hospital and Research Institute
Vivekanandha Dental College for Women
Swamy Vivekanandha College of Pharmacy
Vivekanandha College of Nursing
Vivekanandha School of ANM
Swamy Vivekanandha Physiotherapy College
Vivekanandha Allied Health Science (Co- Ed)
Krishna Institute of Optometry & Research
Vivekanandha Institute of Health Science & Research (Boys)
Krishna Institute of Health Science (Boys)
Vivekanandha College of Engineering for Women (Autonomous)
Vivekanandha College of Technology for Women
Vivekanandha Institute of Information and Management Studies
Vivekanandha College of Arts & Sciences for Women (Autonomous)
Vivekanandha College for Women
Vivekanandha College of Education for Women
Krishna College of Education For Women
Krishnasree College of Education For Women
Vivekanandha Vidhya Bhavan Matric Higher Secondary School
Vivekanandha Medical Care Hospital (VMCH)

SANKAGIRI CAMPUS

Swamy Vivekanandha Naturopathy and Yoga Medical College
Vivekanandha Pharmacy College for Women
Vivekanandha Nursing College for Women
Vivekanandha Arts & Science College for Women
Vivekanandha ANM School
Rabindranath Tagore College of Education for Women
Viswabharathi College of Education for Women

