



**VIVEKANANDHA COLLEGE OF
ENGINEERING FOR WOMEN
(AUTONOMOUS)**



**TECHIONZ
NEWSLETTER**

**DEPARTMENT
OF
COMPUTER SCIENCE AND ENGINEERING**

JAN-MAY 2024 VOLUME 2

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EDITOR'S DESK

It's our privilege to release the Second newsletter for this academic year 2023-24. We thank our team, staff members and the students for their kind cooperation.

ABOUT THE INSTITUTION

Vivekananda College of Engineering for Women, an Autonomous institution, affiliated to Anna university accredited by NAAC, AICTE, New Delhi, TCS and ANISO 9000:2008 certified institute started in 2001 with 144 students, acquired an Autonomous status in 2013 academic year stretching its arm widely towards the students strength of 2200 and faculty of 200 at present. The institute offering 7 U.G. Engineering Degree Programmes (CSE, IT, CST, ECE, EEE, BME & BT), 5 P.G. Engineering Degree Programmes (CSE, IT, PSE,BT and VLSI Design), and all departments are recognized as research Centers under Anna University.

VISION

To impart value – based education in Engineering and Technology to empower young women to meet the societal exigency with a global outlook.

MISSION

- To provide holistic education through innovative teaching – learning practices.
- To instill self confidence among rural students by supplementing with co – curricular and extra-curricular activities.
- To inculcate the spirit of innovation through training, research, and development.
- To provide industrial exposure to meet the global challenges.
- To create an environment for continual progress through life long learning.

PO1:

Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering Specialization to the solution of complex engineering problems.

PO2:

Problem Analysis : Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3:

Design/Development of solutions : Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and Environmental considerations.

PO4:

Conduct Investigations of Complex problems : Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5:

Modern Tool Usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6:

The Engineer and Society : Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the Professional engineering practice.

PO7:

Environment and Sustainability: Understand the impact of the Professional engineering solutions in societal and environmental contexts and demonstrate the knowledge of, and need for sustainable development.

PO8:

Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9:

Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams, and in Multidisciplinary settings.

PO10:

Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and Receive clear instructions.

PO11:

Project Management and Finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to Manage projects and in multidisciplinary environments.

PO12:

Life-Long Learning : Recognize the need for, and have the preparation and ability to engage in independent and life-long Learning in the broadest context of technological change.

Program Educational Objectives (PEOs)

PEO1: Graduates will have successful careers with strong fundamental and technical skills in industry that meet the needs of Indian and multinational companies.

PEO2: Graduates will become successful entrepreneurs with determination, development, self-reliance, leadership, ethic and moral values to exploit employability.

PEO3: Graduates will pursue higher education and engage in lifelong learning to foster personal and organizational growth.

Program Specific Outcomes (Psos)

Graduates of Computer Science and Engineering will be able to

PSO1: Develop computational solution to complex real world problems with modern programming tools.

PSO2: Demonstrate basic knowledge of computer applications and apply standard practices in developing feasible solutions for IT enabled services.

HoD'S MESSAGE

**Dr.C.POONGODI,
HoD/CSE**



It gives me great pleasure to congratulate students, faculty members and staff of Computer Science and Engineering (CSE) Department for the Second publication of newsletter in the academic year 2023-2024. Newsletter offers valuable insights, tips and resources that inform and educate the students. It reaches the students inbox directly ensuring better visibility. In the era of engineering and technology this newsletter will motivate the faculty members and students to share their creativity and new ideas with the world, and it will help in their overall development. I am confident that the students of the CSE department would justify the credibility of the department by showing a high level of professional competence in their respective field.

I wish Best of Luck to all my dear students and the faculty members.....!!!

DEPARTMENT VISION & MISSION

DEPARTMENT VISION

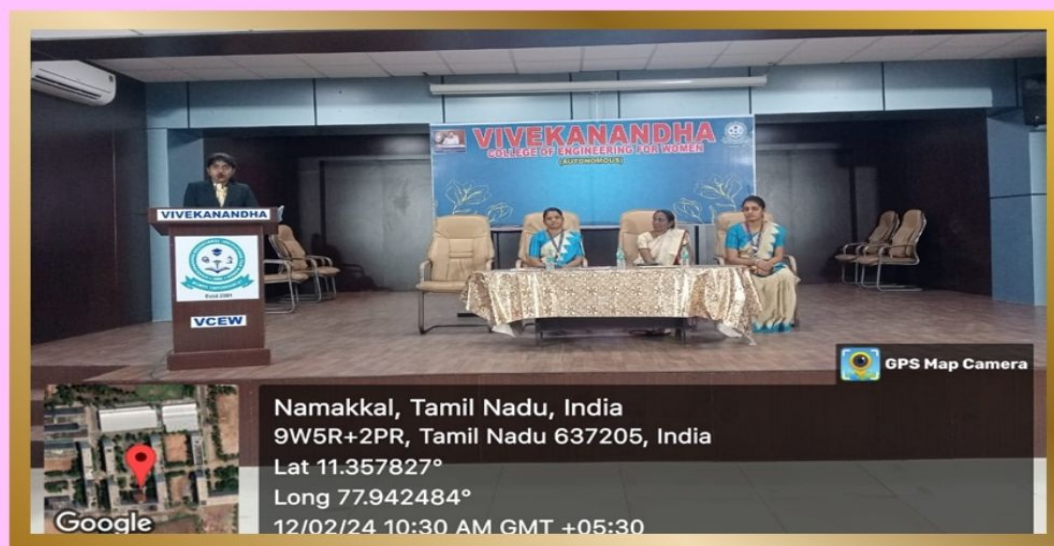
To empower women technocrats in the field of Computer Science and Engineering and prepare them for globalized high-tech society to orient them towards serving the dynamic needs of our nation.

DEPARTMENT MISSION

- **To foster and strengthen the core competence of Computer Science by adopting innovative methods.**
- **To elevate the research, entrepreneurial and employability skills in women technocrats through quality education.**
- **To induce values of professional ethics and spirit of social commitment among the student.**

DEPARTMENT ACTIVITIES

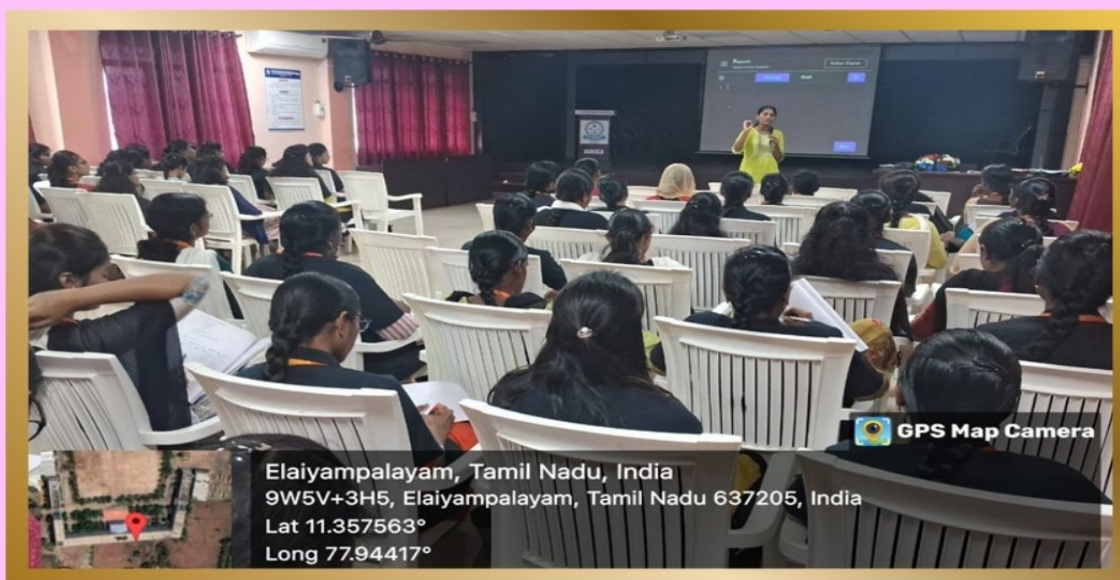
On 12th February 2024, a guest lecture on “Gender Sensitization” was conducted at the department of Computer Science and Engineering. The lecture was delivered by Ms. A. Kavitha, a renowned advocate from Namakkal. The event aimed to raise awareness and educate the students on gender issues and promote a more gender-sensitive environment.



On 7th February 2024, Department of Computer Science and Engineering hosted a National Level Technical Symposium, Viveka Zest'24. The symposium aimed to bring together students, professionals, and experts to discuss and showcase advancements in technology. The keynote address was delivered by Ms. Rajalakshmi Srinivasan, Director of Product Management at Zoho Corporation Pvt. Ltd.



A two-day Boot Camp on Python Programming was conducted on 17th and 18th February 2024 at the department of Computer Science and Engineering. The Boot Camp was facilitated by Ms. Menaka, a Cloud Engineer from Presidio Solutions Private Limited. The primary aim of the Boot Camp was to equip students with essential Python programming skills and provide hands-on experience in coding. Participants were given coding exercises to practice the concepts covered in the sessions.



On 5th March 2024, CSE department hosted a workshop on Advanced Java, featuring Mr. Vignesh Venkadesan, CEO of Vebbox Software Solutions, and Mr. Karthikeyan, a Web Developer at the same company. The workshop aimed to enhance the students Java programming skills, focusing on advanced concepts and real-world applications. students engaged in hands-on coding sessions where they implemented the concepts discussed.



A National Level Workshop on "Regulatory Challenges and Opportunities for Blockchain-AI Integration in Healthcare using Viz.AI and Enlitic Tools" was held on 14th and 15th March 2024 at CSE department. The workshop aimed to explore the intersection of blockchain and AI technologies in the healthcare sector, focusing on regulatory challenges and opportunities. Esteemed academicians and experts in the field led the sessions.

Resource Persons:

1. Dr. R. Poonkuzhali, Professor & Head, Department of IT, K.S. Rangasamy College of Technology, Tiruchengode, began the workshop with an introduction to blockchain and AI technologies, focusing on their potential in the healthcare sector.
2. Dr. P. Kanmani, Assistant Professor, SRM Institute of Science and Technology, Chennai, led the second session, delving into the regulatory challenges associated with integrating blockchain and AI in healthcare.
3. Dr. C. Poongodi, Professor & Head, Department of Computer Science and Engineering, Vivekanandha College of Engineering for Women, Tiruchengode, conducted an in-depth session on advanced applications of Viz.AI and Enlitic tool.
4. Dr. J. Deepika, Assistant Professor, Vellore Institute of Technology, Vellore, focused on identifying opportunities for innovation in healthcare through the integration of blockchain and AI. Students were introduced to Viz.AI and Enlitic tools through hands-on exercises. Dr. Kanmani guided participants in setting up and using these tools, demonstrating their capabilities in real-world healthcare applications. Students engaged in interactive sessions and group activities designed to apply their learning.

On 15th April 2024, department of CSE hosted an extensive workshop on "Building IoT Applications Right from the Scratch," facilitated by Mr. R. Karthick, COE, and Mr. R. Praveen, Director of San Technovation, Perundurai. The workshop aimed to equip participants with foundational knowledge and practical skills necessary to develop Internet of Things (IoT) applications from the ground up.





The workshop concluded with a closing session, summarizing the key takeaways and providing a platform for students to share their experiences and feedback. Certificates of participation were distributed, and the contributions of the resource persons and organizing team were acknowledged.



On 16th April 2024, Department of Computer Science and Engineering hosted the Association Valedictory and Farewell Function, Rockin Fiesta 24. The event celebrated the achievements of the association over the past year and bid farewell to the graduating students. The function was graced by the presence of the Executive Director and Principal, who felicitated the gathering.

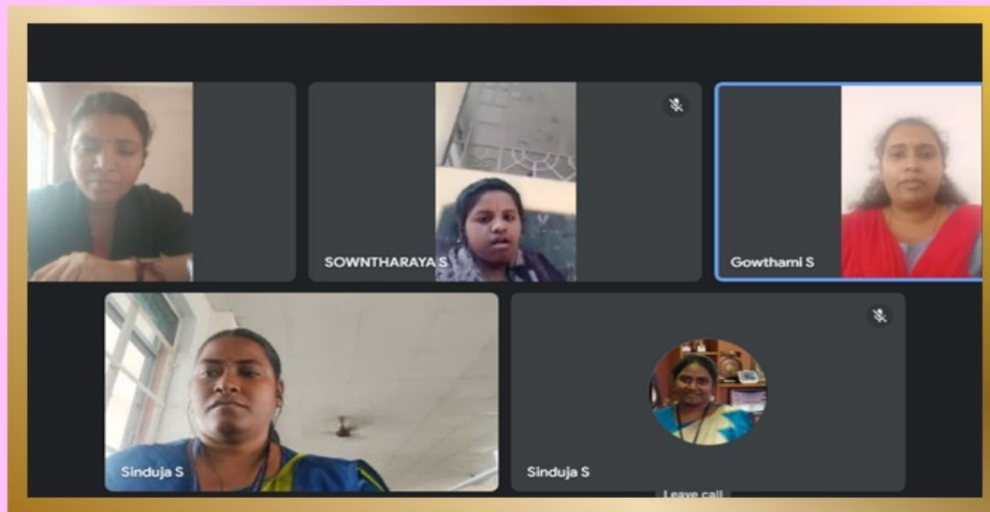


ALUMNI CELL ACTIVITIES

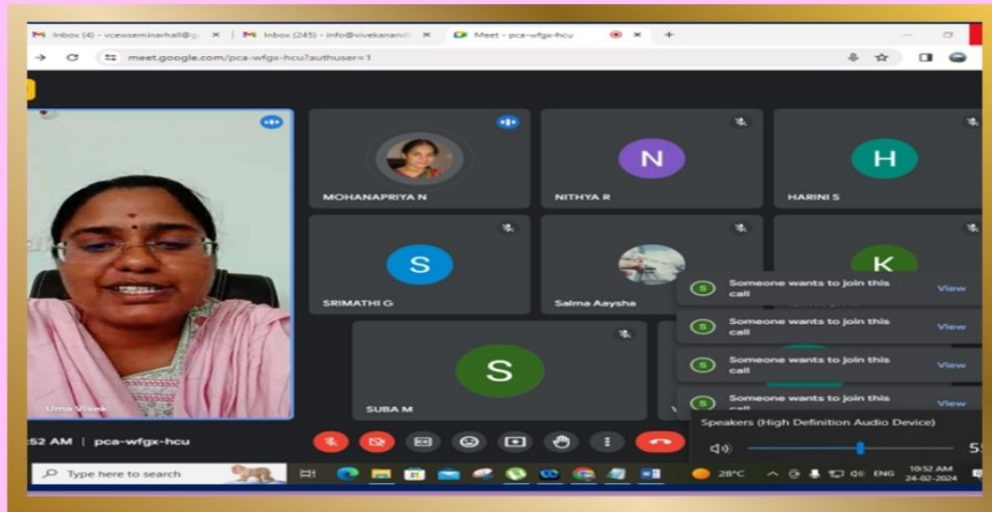
Gowthami S., an accomplished professional from Infosys, Chennai, and our alumni of 2011 – 2015 batch delivered an insightful guest lecture on preparing for advanced interview rounds at Infosys on February 2, 2024. The lecture was aimed at helping students understand the interview process and equipping them with strategies to excel.

Key Points Discussed are given below,

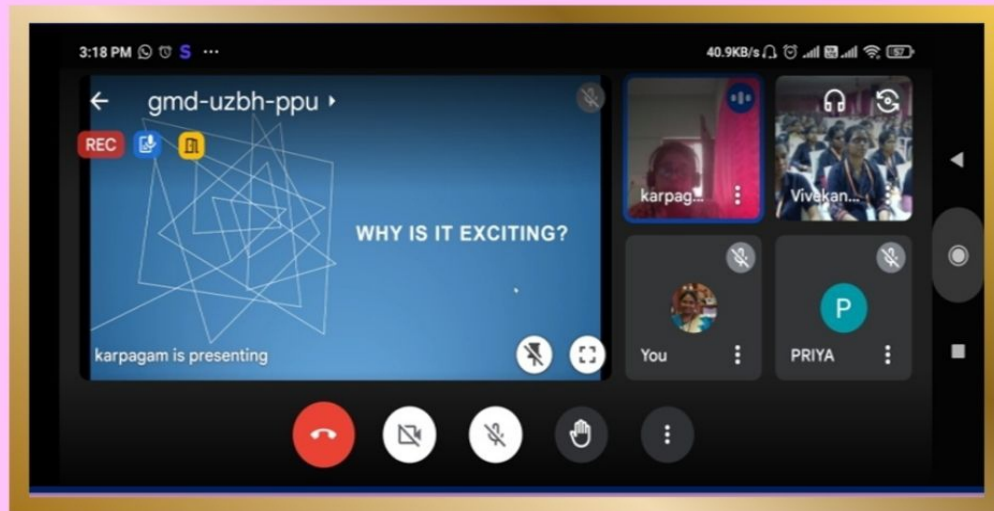
- o Overview of the Interview Process
- o Technical Round Preparation
- o Behavioral Preparation
- o Managerial Round Preparation
- o HR Round Preparation
- o General Tips



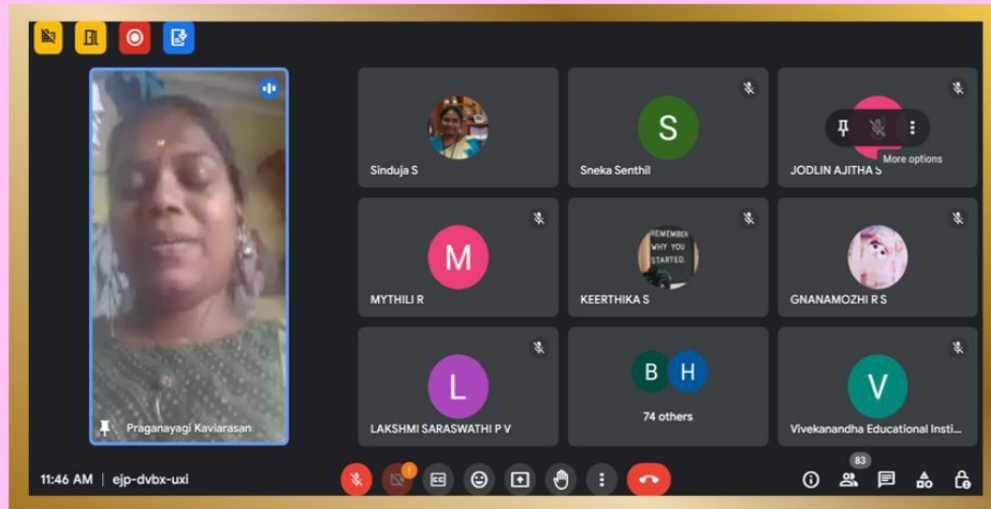
Uma V, an experienced entrepreneur from Chennai, and our alumni of 2005 – 2009 batch delivered an insightful guest lecture on the topic of "Financial Management" on February 24, 2024. The lecture aimed to provide attendees with a comprehensive understanding of managing finances effectively in a business context. Key Points Discussed are about the Introduction to Financial Management, Budgeting and Forecasting, Cash Flow Management and Investment and Financing Decisions.



On 24th February 2024, the event titled "GenAI and Benefits" was held with great enthusiasm and participation from around 200 students. The event was graced by the presence of N V Karpagam, an esteemed alumna from the 2001-2005 batch. Karpagam, currently a Senior Manager at DXC Technologies in Chennai, brought her wealth of experience and expertise to the event, providing valuable insights into the real-world applications and benefits of GenAI.

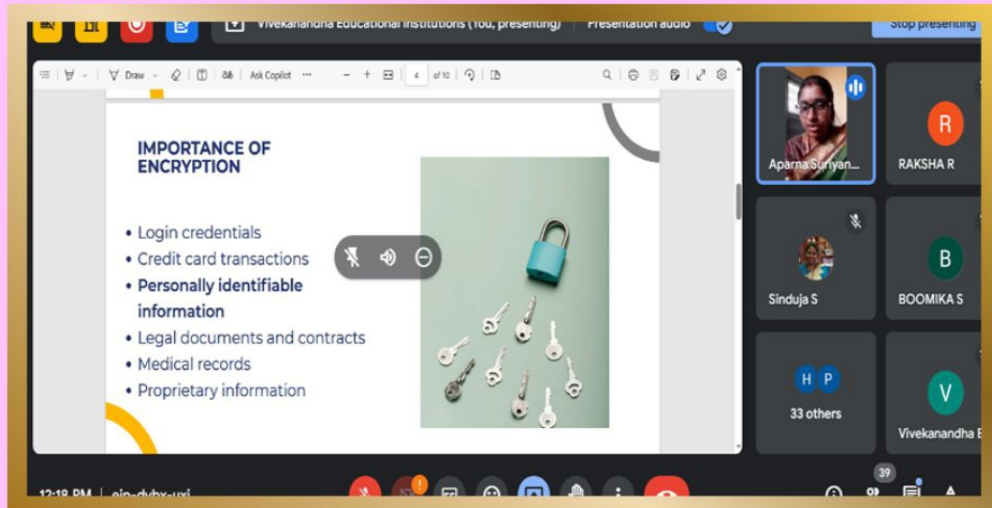


On 2nd March 2024, the event titled "Software Testing" was conducted, attracting the participation of 100 enthusiastic students. The event featured Praganayagi S, an accomplished alumna from the 2017-2021 batch. Currently serving as a Senior Associate Technical Engineer at IBM in Chennai, Praganayagi shared her in-depth knowledge and practical experiences in the field of software testing.



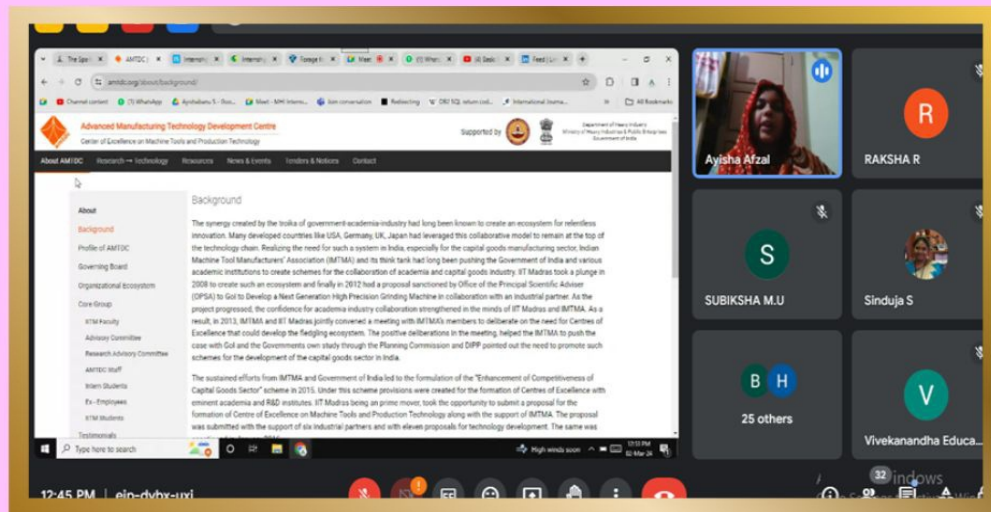
On 2nd March 2024, the event titled "Security In Computing" was held, with 100 students in attendance. The event focused on the critical aspects of security in computing, emphasizing the importance of safeguarding information and systems in the digital age.

The event was led by Aparna S, an esteemed alumna from the 2016-2020 batch. Aparna, currently a Technology Analyst at Infosys in Bangalore, shared her expertise and experiences in the field of cybersecurity.



On 2nd March 2024, the event titled "Internship Guidance" was conducted, drawing the participation of 100 eager students. The event aimed to provide valuable insights and practical advice on securing and excelling in internships, a crucial step for students transitioning into professional careers.

The event featured Ayishabanu S, a distinguished alumna from the 2018-2022 batch. Currently employed at DXC Technology in Chennai, Ayishabanu shared her experiences and tips on navigating the internship process effectively.



On 8th March 2024, the Women's Day Celebration was held, honoring the achievements and contributions of women in various fields. The event aimed to inspire and empower women, promoting gender equality and highlighting the importance of women's roles in society and the workplace.

The event featured Subashree, an esteemed alumna from the 2004-2008 batch, currently working at Accenture in Chennai. Subashree shared her journey, experiences, and insights, motivating the attendees to pursue their goals and aspirations



PLACEMENT ACTIVITIES

VIVEKANANDHA
COLLEGE OF ENGINEERING FOR WOMEN
[Autonomous]

publicis
sapient

Placed Student
Batch 2020 - 2024

8.5
LPA

T. Prarthana
CSE

Prof. Dr. M. Karunanithi
CHAIRMAN & SECRETARY

A++
NAAC

From CSE department one student T. Prarthana got selected in PUBLICIS SAPIENT with salary package of 8.5 LPA

VIVEKANANDHA
COLLEGE OF ENGINEERING FOR WOMEN
[AUTONOMOUS]



The Management, Executive Director, Principal,
HoD, Faculty and Staff Members, Students,
Congratulate the Placed Students

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
BATCH 2020-2024

EXCELR
Raising Excellence
3 LPA

Hearty congratulations

 E. RAVEENA	 M. BABYSHALINI	 P. ANITHA
 R. PREETHI	 V. RAMA TULASI	 V. VAISHNAVI

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From CSE department six students got selected in EXCELR with salary package of 3 LPA

VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN [AUTONOMOUS]

The Management, Executive Director, Principal, HoD, Faculty and Staff Members, Students, Congratulate the Placed Students

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING BATCH 2020-2024

 <p>K.MOUNIKA 3.8 LPA</p>	 <p>K.B.INDHUJAA 7 LPA</p>	 <p>N.LOKESHWARI 3.8 LPA</p>
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Heartly Congratulations!

 /vcew2001

From CSE department three students got selected in TCS with salary package of 3.8 LPA.



5 CSE students got placed in Vintorix with salary package of 3.12 LPA and their names are listed below,

1. POORVIGA B
2. BABYSHALINI M
3. ANITHA.P
4. BHUVANESWARI C
5. SANDHIYA K

This report celebrates the achievements of third-year CSE students A Keerthana and S Logasri of 2025 batch, who have successfully secured prestigious positions in the domain of Data Analysis at Target Corporation, Bangalore. These accomplishments reflect their dedication, hard work, and academic excellence, positioning them for promising careers in the tech industry.

Achievers:

1. Name: A Keerthana (III CSE A):

Position: Data Analyst

Company: Target Corporation, Bangalore

Expected Salary Package: 10 to 12 LPA

2. Name: S Logasri (III CSE A):

Position: Data Analyst

Company: Target Corporation, Bangalore

Expected Salary Package: 10 to 12 LPA

PLACEMENT DETAILS (2020-2024 BATCH)**CONSOLIDATED LIST**

S. No.	Company	Total Students Placed
1.	ITC INFOTECH TECHNOLOGICS	4
2.	GLOBAL	1
3.	TARGET	2
4.	ONEYES INFO TECH SOLUTIONS	1
5.	SUTHERLAND	4
6.	ExcelR	6
7.	KGiS	3
8.	ACCENTURE	4
9.	DELPHI TVS	2
10.	OERLIKON	2
11.	TATA ELECTRONICS	50
12.	IGARASHI MOTOR	2
13.	PENTAGON SPACE	1
14.	MITSUBA SICAL	18
15.	SCHNEIDER ELECTRIC	22
16.	CITY PLOTS	1
17.	VINTORIX	5
18.	DXC	2
19.	LUCAS TVS	2
20.	QUINTESSENCE	1
21.	CAPGEMINI	5
22.	HIKEON TECHNOLOGIES	3
23.	TRADERIO TECHNOLOGIES	2
24.	SILICON HOUSE	7
25.	ZEESOFT SOLUTIONS	2
26.	PUBLICIS SAPIENT	1
27.	SNAPTURES	1
TOTAL		154

PLACEMENT STATUS OF 2024 BATCH

EFFECTIVE

DEPARTMENT	STRENGTH	WILLING	ELIGIBLE (≥ 60)	PLACED	SINGLE	DUAL	TRIPLE	PLACEMENT %
CSE	122	117	89	112	76	28	7	95.73

VIVEKANANDHA EDUCATIONAL INSTITUTIONS



"Vidhya Rathna"

Prof. Dr. M. KARUNANITHI, B.Pharm., M.S., Ph.D., D.Litt.,
Chairman & Secretary

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 COLLEGE (Co - Ed)
- * KRISHNA INSTITUTE OF OPTOMETRY AND RESEARCH
- * KRISHNA 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 AND SCIENCES FOR WOMEN (Autonomous)
- * VIVEKANANDHA COLLEGE FOR WOMEN
- * VIVEKANANDHA COLLEGE OF EDUCATION FOR WOMEN
- * KRISHNA 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 (Co-Ed)
- * VIVEKANANDHA NURSING COLLEGE FOR WOMEN
- * VIVEKANANDHA PHARMACY COLLEGE FOR WOMEN
- * VIVEKANANDHA ANM SCHOOL
- * VIVEKANANDHA INSTITUTE OF HEALTH SCIENCE (Boys)
- * RABINDHARANATH TAGORE COLLEGE OF EDUCATION FOR WOMEN
- * VISWABHARATHI COLLEGE OF EDUCATION FOR WOMEN
- * VIVEKANANDHA ARTS AND SCIENCE COLLEGE FOR WOMEN

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