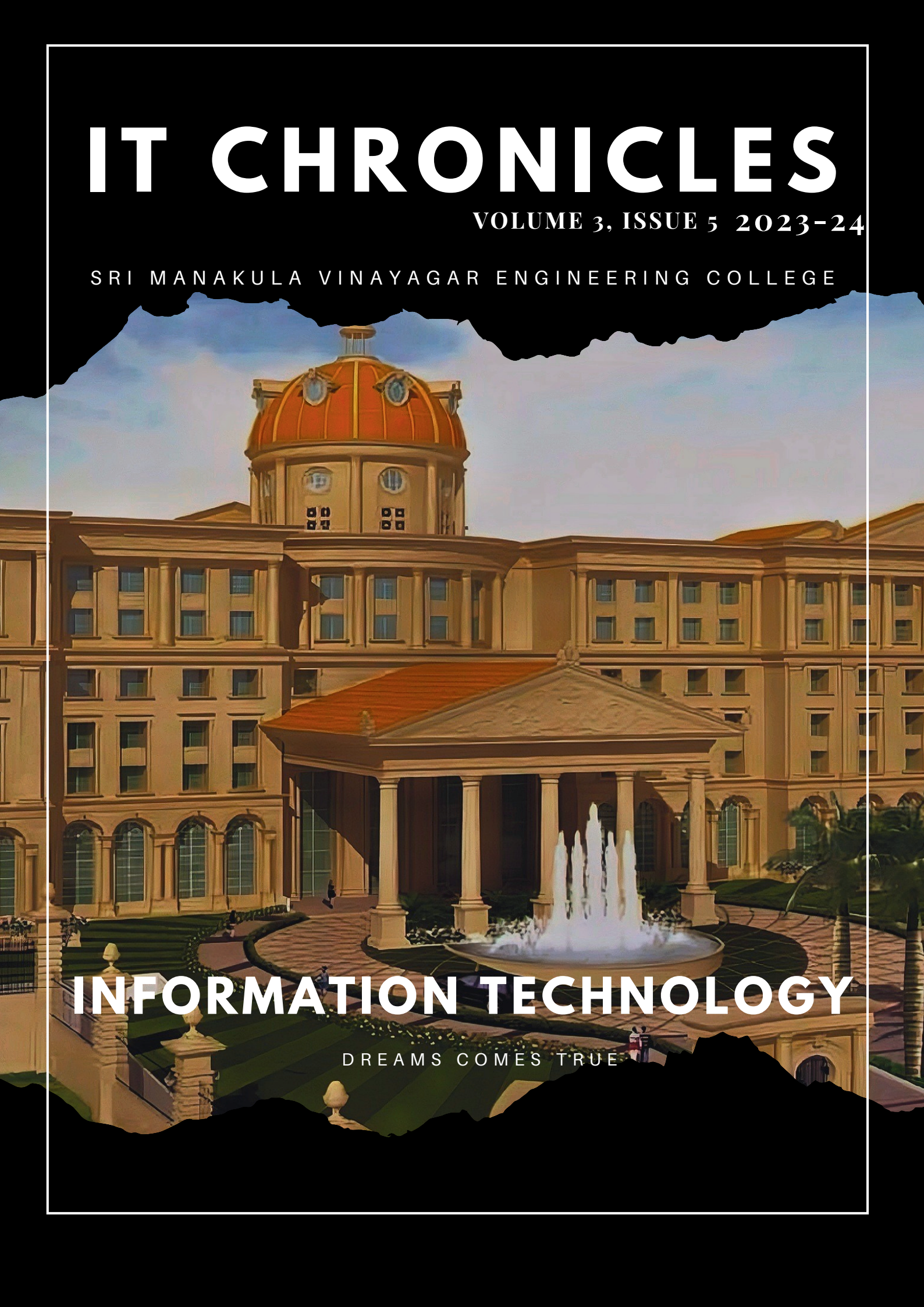


IT CHRONICLES

VOLUME 3, ISSUE 5 2023-24

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

The background image is a photograph of a large, multi-story building with a classical architectural style. The building features a prominent central dome with a red-tiled roof and a portico with columns in the foreground. A large fountain with multiple water jets is situated in front of the portico. The building has many windows and arched doorways. The sky is a clear blue. The entire image is framed by a white border, and there are black, torn-paper-like edges at the top and bottom.

INFORMATION TECHNOLOGY

DREAMS COMES TRUE

ABOUT US

Sri Manakula Vinayagar Engineering College was established in the year 1999. The institution has been approved by AICTE, New Delhi and affiliated to Pondicherry University . It is the first institution in Pondicherry State which has received ISO 9001:2000 Certification and has established the ' Nila Community Radio Station' with the approval of Government of India It is the first engineering institution in Puducherry which is accredited by NBA and NAAC with 'A' grade. It is also accredited by the IT giant Tata Consultancy Services (TCS). Within a short span of time, the institution has attained an enviable reputation by possessing all the hall marks of a premier institution in pursuit of excellence. The institution aims at equipping budding professionals with excellent theoretical and practical knowledge. It also takes pride in developing the students with leadership and interpersonal skills and thus shaping them into strategic scholars with competitive spirits who will be capable of delivering their best in the technological world.

FOUNDER, CHAIRMAN AND MANAGING DIRECTOR MESSAGES



With regards,

Shri. M. Dhanasekaran

**FOUNDER, CHAIRMAN AND
MANAGING DIRECTOR**

Sri Manakula Vinayaga Educational Trust was founded to provide quality technical, medical, and other relevant education, especially to the disadvantaged members of society.

The trust operates several educational institutions in the Union Territory of Puducherry, including an engineering college, a medical college, a nursing college, and a polytechnic college. The trust also runs a charitable hospital that provides free medical care to the poor.

The trust is committed to providing quality education to all, regardless of their financial background. They believe that education is the key to a better future, and they are working to make it a reality for everyone.

The trust provides state-of-the-art facilities and modern technologies to its colleges to help students become employable and successful entrepreneurs. They also maintain discipline among the students and personally take care of their studies and progress. The trust believes that students are their customers and they take utmost care about their future.

All the colleges of the trust have maintained high standards of discipline and have earned the respect and trust of the public and industrialists. This is the key to their success and has made them a leader in the education sector.

SECRETARY'S MESSAGE



With regards,

Dr. K. Narayanasamy
SECRETARY

Sri Manakula Vinayaga Educational Trust is a place where innovative technologists are fostered. Since its inception in 1998, the college has achieved many milestones, including academic excellence, outstanding placement records, and stunning accomplishments in sports and co-curricular activities. SMVEC provides a holistic learning environment for its students. The faculty is well-qualified and experienced, and they are committed to transforming average minds into extraordinary engineers. The college has also formed student chapters and professional bodies to encourage students to interact with the industry.

outside technical fraternity to keep them updated about the ongoing technical innovations. As the Secretary of SMVEC.

I welcome you all once again to explore the world of unlimited opportunities and possibilities at SMVEC.

TREASURER MESSAGE



With regards,

Shri. D.Rajarajan Dhanasekaran

TREASURER

As the treasurer of our Sri Manakula Vinayaga Educational Trust, I am honoured to extend a warm welcome to all. Our college stands as a symbol of knowledge, fostering academic excellence and personal growth. With a legacy of innovation and dedication, we strive to provide students with unparalleled opportunities for success. Our strength lies in Modern Infrastructure, excellent faculty members, excellent placement record, eco-friendly and clean campus, personal mentoring, with a healthy and disciplined environment, that provides ethical and value-based education. I look forward to meet you and wish you a bright and successful academic life in our institution.

JOINT SECRETARY'S MESSAGE



With regards,

Shri.S.Velayudham

JOINT SECRETARY

At Sri Manakula Vinayagar Educational Trust, our vision goes beyond delivering a curriculum. It extends beyond the classroom to foster innovation, integrity, and individual growth in every learner. We are committed to providing quality education that balances academic excellence with enduring values. Our institutions are equipped with modern infrastructure, dedicated faculty, and a student-centric learning environment. We take pride in our strong placement support, guiding students toward successful careers with leading organizations.

Every student is encouraged to grow not only as a professional, but as a responsible and empowered individual. At SMVET, learning is not the end goal it is the launchpad for lifelong growth and contribution. Welcome to a place where your potential transforms into possibility.

DIRECTOR'S MESSAGE



With regards,

Dr. V.S.K. Venkatachalapathy

DIRECTOR CUM PRINCIPAL

Sri Manakula Vinayagar Engineering College is located in a peaceful environment, away from the hustle and bustle of the city. This allows students to focus on their studies without distractions. The administration is committed to maintaining peace and order in the campus, and they take every necessary measure to ensure the safety of the students.

The College is having teams of dedicated faculty members in each department who are fully qualified.

The college has a dynamic administration that works hard to produce quality engineers who are well-suited for the digital world. They offer value-added courses in each department to help students get the skills they need to succeed in the job market. The college also focuses on developing students into good citizens by teaching them discipline and other important values.

The institution is accredited by NAAC with 'A' Grade in the year 2013. Ours is the first engineering institution in the Union Territory of Puducherry which has got the NAAC accreditation. Right from the first batch, the students of this institution have bagged the gold medals and top ranks of the Pondicherry University. Each department is having state of Art equipments and fully furnished labs. Well equipped Library is also available. Separate hostel facilities are available for boys and girls with gym. I welcome all the students to utilize these facilities available at this institution for their academic growth.

HEAD OF THE DEPARTMENTS **MESSAGE**



With regards,

Dr. R. Raju

PROFESSOR & HEAD,

**DEPARTMENT OF INFORMATION
TECHNOLOGY**

It gives me immense pride, as the Head of the Department of Information Technology, to welcome you all to our vibrant department at Sri Manakula Vinayagar Engineering College. Since its inception in 1999, our department has been committed to delivering quality education, fostering innovation, and shaping young minds into competent IT professionals. With NBA accreditation, we stand as a symbol of excellence in teaching, research, and industry collaboration.

At IT, we emphasize a practical approach to learning. Our students are groomed through industry tie-ups, professional society engagements, and community partnerships, ensuring they are prepared to tackle real-world challenges with confidence.

We also focus strongly on career growth by offering value-added courses, cutting-edge infrastructure, and Outcome-Based Education (OBE). Our students have secured international internships, won laurels in national-level hackathons and competitions, and continue to make us proud with their achievements.

The department remains dedicated to producing globally competent technocrats who are not only industry-ready but also responsible citizens.

I warmly welcome all students to join us in this journey of academic excellence, innovation, and growth.



CONTENT

- 1 FACULTY ACHIEVEMENTS*
 - 2 STUDENTS ACHIEVEMENTS*
 - 3 EVENTS & ACTIVITIES*
 - 4 CREATIVE CORNER*
 - 5 PLACEMENT RECORDS*
 - 6 ARTICLES*
- 

ABOUT THE DEPARTMENT

- Established in 1999, the Department of Information Technology at Sri Manakula Vinayagar Engineering College has been a milestone of technological advancement and academic excellence. Over the past 25 years, our department has consistently nurtured bright minds, facilitated, cutting edge research and contributed significantly to the technological landscape, driven by a passion for innovation and a commitment to excellence, the dept of IT aims to

Provide a rigorous academic curriculum that equips students with the knowledge and skills necessary to excel in the field of IT.

Foster a culture of research and innovation, encouraging both faculty and students to explore emerging technologies and contribute to the advancement of the field.

Cultivate a supportive and inclusive learning environment that promotes collaborations to critical thinking and ethical practice

Forge strong industry partnerships and collaborations to ensure our curriculum remains relevant and aligned with industry needs.

Prepare graduates to become leaders and innovators in the ever-evolving field of IT, capable of addressing global challenges and making meaningful contribution to society.

KEY HIGHLIGHTS:

- Accredited by AICTE, NBA & TCS for its high standard of academic excellence and commitment to quality education
- State of the art lab equipped with the latest hardware and software providing students with hands on experience in diverse areas such as Networking, Cyber Security, Artificial Intelligence and more.
- Dedicated and experienced faculty members who are experts in their respective fields, committed to nurturing the next generations of IT professionals.
- Active involvement in R D, with faculty members publishing in top journals and prestigious conferences
- Strong industry connections, facilitated through internships, guest lectures and industry sponsored projects, providing students with real-world experience and network opportunities.
- Regular seminars, workshops and hackathons organized to keep students updated with the latest trends and technologies in IT.
- Robust placement record, with graduates seeking positions in leading companies and organization

ACADEMIC :

- Industry 4.0 aligned curriculum to help students gain deep digital insights.
- Industry 4.0 aligned curriculum to help students gain deep digital insights.
- Continuous Evaluation to help students gain complete mastery of the courses.
- Lab Integrated Theory courses to facilitate acquisition of critical problem solving skills.

INFRASTRUCTURE:

- Well-furnished class with ICT enabled tools for effective teaching practices.
- Well established laboratories with high end computer hardware and software to enrich the skill of the students
- Department Library with Large Volume of Books and reference materials

LABORATORIES:

· COMPUTING LABORATORY

· DATA SCIENCE LABORATORY

· IOT LABORATORY

· LANGUAGE LABORATORY

· NETWORK LABORATORY

TECHNICAL CLUBS:

To enhance students' technical expertise, the department organizes weekly club events focused on both technical and societal endeavours. The iTechligence and Pranit clubs facilitate hands-on workshops, guest lectures, and interactions with industry experts to enrich students' technical skills. These activities foster the development of leadership, teamwork, and a comprehensive grasp of engineering concepts, while also encouraging students to engage in community outreach initiatives, thereby making positive contributions to society.

PROFESSIONAL STUDENT CHAPTERS:

Professional student chapters in the department serves as platform for students to engage in industry-relevant activities, networking, and skill development. Through involvement in these chapters, students can build connections with professionals in their field, gain practical experience, and stay updated on the latest advancements in their respective disciplines.

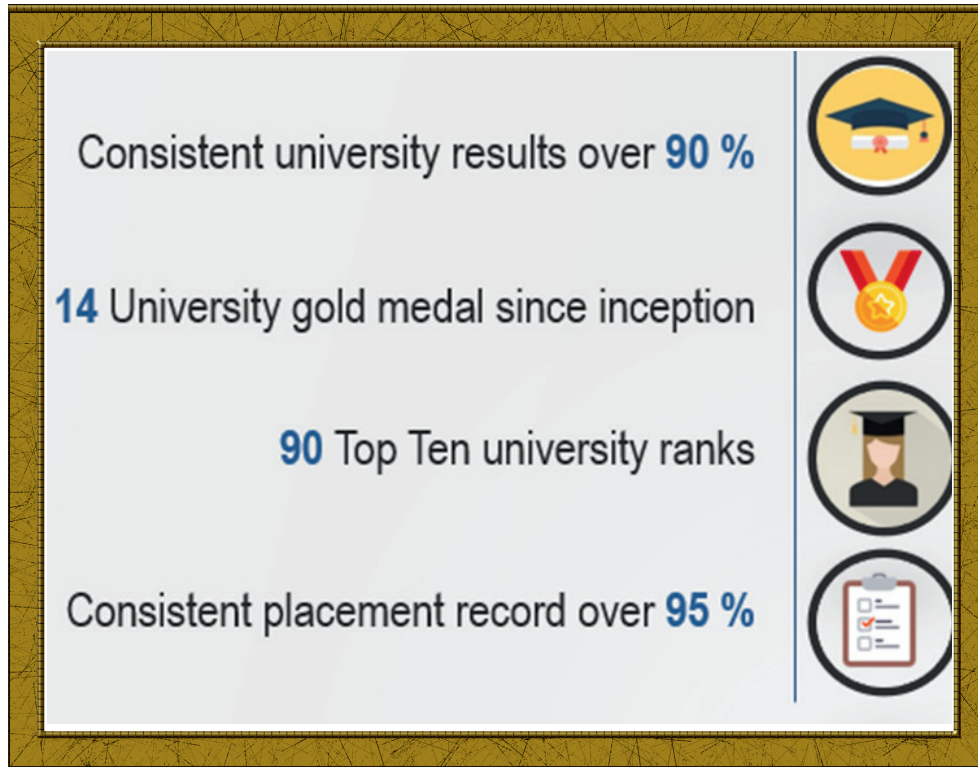
INDUSTRY INSTITUTE INTERACTION:

The students are given awareness about the blooming technologies and specific training are arranged, to equip students. Staffs and concerned faculties are sent to the respective firms and were trained with the specific domain. Guest lectures are given to students to understand about the industrial domains and how to cope up with new technologies and what is expected out from the students, which help the students to equip themselves for recruitment by reputed companies.

- Strategic partnerships with various Industry Partners for mutual benefit.
- Graded Platinum - The highest rating in the AICTE - CII survey on Industry Institute Interaction.
- Multiple partnerships for Industry driven training and certification, Strategic hiring, Faculty Development Programmes, Internships, Projects, Industry Visits, Guest Lectures, Internship. etc.

STUDENTS EXCELLENCES:

- The department of information technology owns the pride of bagging the gold medal consecutively since 2003.
- The department of information technology students conquered Top 10 Ranks in two
- consecutive academic years 2013 – 2017 and 2014-2018 batch.
- Chanakya Fellowship 2024 from I-HUB Quantum Technology Foundation.
- Winner of Unisys Cloud 20/20 Y13 National level contest organized by Unisys, Bangalore, 2022.
- Winner of International Blockchain skill summit hackathon 2022 organized by FABC, Dubai, 2022.
- Winner of virtusa jatayu session-II - Virtusa Jatayu Open Innovation contest organized by Virtusa, Chennai, 2022.
- Winner of AlgoBharat Blockchain Hackathon organized by AlgoBharat , Singapore, 2022.
- Finalist and Job offer in Virtusa Virtusa NeuralHack Season 6 organized by Virtusa, Hyderabad, 2022.
- Intern offer in Unisys Cloud 20/20 Y12 National level contest organized by Unisys, Bangalore, 2021.
- Winner of 5G Hackathon organized by Department of Telecommunications.
- Ministry of Communications, Government of India, 2020.
- Winner of Unisys Cloud 20/20 Y11 National level contest organized by Unisys, Bangalore, 2020



PLACEMENT RECORD:

Department of information technology is providing above 95% Placement consecutively for the past seven years



FACULTY ACHIEVEMENTS

FACULTY ACHIEVEMENTS



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

F.No AICTE/FDP-SI/OnlineWorkshop/201/200978

Certificate of Participation

This is to certify that **Dr. Balaji S** from **Sri Manakula Vinayagar Engineering College, Puducherry** has participated and successfully completed the **6-day Online UHV-II FDP** organized by **All India Council for Technical Education (AICTE)** from **16th October to 21st October 2023**.


Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program


Prof. Rajive Kumar
Member Secretary, AICTE

Dr. Balaji S, Associate Professor, Department of Information Technology, Sri Manakula Vinayagar Engineering College, successfully completed the 6-day Online UHV-II Faculty Development Program organized by AICTE from 16th to 21st October 2023.

FACULTY ACHIEVEMENTS



Mr. Suresh Ramanujam, Associate Professor, has been awarded a Certificate of Appreciation for his exceptional contribution as the College SPOC in KAVACH 2023

FACULTY ACHIEVEMENTS



Chanakya Fellowships – Award Letter

I-HUB/UGF/B-3/2023-24/09
Date: 02.02.2024

To,
Ms. Charumathi K
Mentor - Prof. Suresh R
Sri Manakula Vinayagar Engineering College
Medagadipet Puducherry 6050107

Subject: Award of Chanakya UGF (5 Months) Fellowship 2023-24

Ref.: -

Name of the Fellow	Ms. Charumathi K
Name of the Mentor	Prof. Suresh R
Proposal	Space Quantum Communication
Start Date	1 st February 2024
Duration	5 Months

Dear Ms. Charumathi K

Considering your submitted documents, the I-HUB Quantum Technology Foundation, IISER Pune is pleased to inform you that your proposal "Space Quantum Communication" has been accepted for the award of one Chanakya Undergraduate Fellowship 2023-24. The awarded fellowship amount is **Rs.10,000/- per month** for a period of five months.

The award is subject to the General Conditions mentioned in the Call for Chanakya Fellowship Proposal and as per I-HUB QTF policies.

Kindly note that the date of commencement of the fellowship has to be on or before 15.03.2024.

Yours Sincerely,


Dr. Sunil Nair
Project Director

I-HUB QUANTUM TECHNOLOGY FOUNDATION

First Floor, Main Academic Building, IISER Campus, Dr. Homi Bhabha Road, IISER Pune - 411008, India.
+91 20 25908647 | communications@quantech.org.in | www.quantech.org.in
CIN: U73100PN2021NPL199577 | GST: 27AAGC0709R125



Ms. Charumathi K, under the mentorship of Prof. Suresh R, Associate Professor, Sri Manakula Vinayagar Engineering College, has been awarded the prestigious Chanakya Undergraduate Fellowship 2023-24 by I-HUB Quantum Technology Foundation, IISER Pune, for her proposal on 'Space Quantum Communication' with a fellowship of ₹10,000 per month for five months.

FACULTY ACHIEVEMENTS



Dr. R. Saravanan, Associate Professor, successfully completed the Wipro TalentNext Advanced Technology Program on Cloud Computing (21-25 August 2023)

FACULTY ACHIEVEMENTS

ADDRESS FOR CORRESPONDENCE:

Organizing Secretaries:
Dr. Vijayaprabakaran K.
Assistant Professor Senior
School of Computer Science Engineering (SCOPE)
Vellore Institute of Technology (VIT)
Vandalur - Kelambakkam Road
Chennai 600127, Tamil Nadu, India
vijayaprabakaran.k@vit.ac.in
Mob: 9789329625

Dr. Ilavendhan A.
Assistant Professor Senior
School of Computer Science Engineering (SCOPE)
Vellore Institute of Technology (VIT)
Vandalur - Kelambakkam Road
Chennai 600127, Tamil Nadu, India
ilavendhan.a@vit.ac.in
Mob: 9790176965

About the FDP

The field of quantum computing possesses the capacity to profoundly transform our understanding of computers and the processing of information. The initial set of quantum algorithms has demonstrated the superiority of quantum computers over conventional computers in specific specialized jobs. A multitude of novel applications are being suggested across several disciplines.

The objective of this FDP is to provide an introduction to the fundamental principles of quantum computing using a hands-on approach. The participants will acquire knowledge regarding qubits and gating operations, engage in the construction of quantum circuits, and get an understanding of quantum algorithms. Participants will acquire the knowledge and skills necessary to utilize Qiskit, a software development kit for quantum computing, in order to design and execute quantum circuits on both

simulators and physical quantum hardware using the Python programming language.

Topics to be covered

- Quantum Theory
- Classical Vs Quantum Information
- Quantum Gates and Circuits
- IBM Qiskit tool: Hands-On session
- Quantum Algorithms
- Hands-on Quantum Algorithms
- Quantum Key Distribution
- Quantum Image Processing
- QML in sustainable healthcare

Resource Persons:

1. Prof. Debashis De
MAKA University, West Bengal
2. Dr. S. Balakrishnan
Associate Professor, VIT Vellore
3. Dr. S.Manjula Gandhi
Associate Professor, CIT Coimbatore
4. Dr. Suresh Ramanujam
Associate Professor, SMVEC
Puducherry
5. Dr. Kalai Priyan
Associate Professor, VIT Chennai
6. Dr. Rajakumar Arul
Associate Professor, VIT Chennai
7. Dr. Gayathiri Devi S
Assistant Professor, CIT Coimbatore
8. Dr. Kolla Bhanu Prakash
Professor, KLEF University,
Vijayawada

TARGET AUDIENCE:

This FDP is mainly intended for Computer Science engineers, scientists, research scholars, academicians, business administrators, industrialists, postgraduate and undergraduate students.



VIT®

Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)
CHENNAI

**A Five-Day Online FDP
on
Quantum Computing, Tools and
Applications for Addressing Recent
Challenges
5th to 9th December 2023**



REGISTRATION LINK:

<https://vit Chennai events.com>

REGISTRATION FEE:

Student/Research Scholar: Rs. 300/-

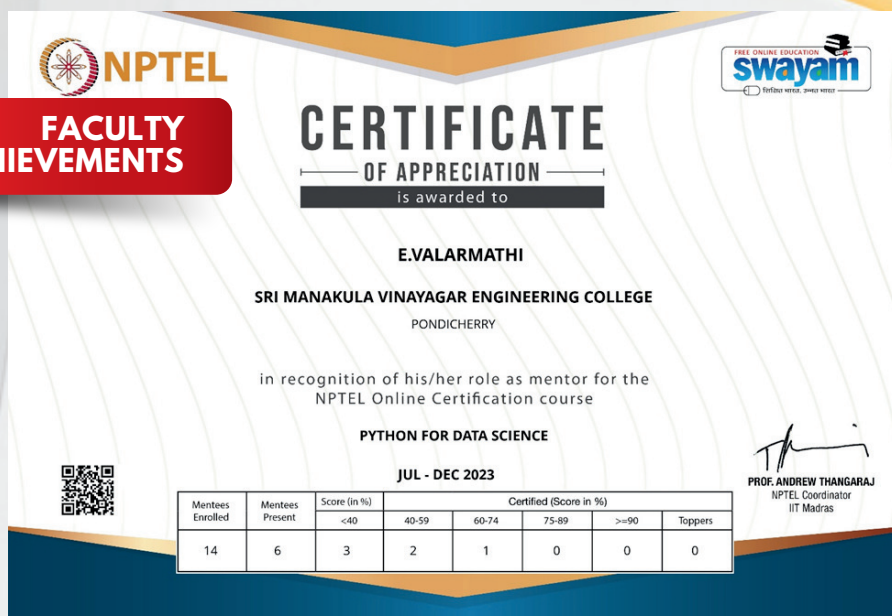
Faculty: Rs. 500

Industry Persons: Rs. 700/-

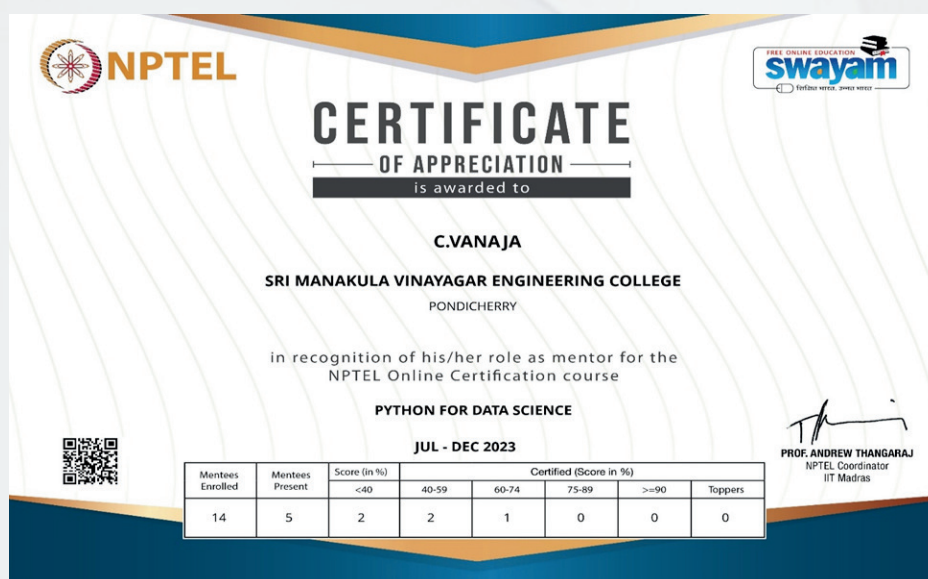
E-Certificate will be provided to those who attend all the sessions.

Mr. Suresh Ramanujam, Associate Professor from IT Dept acted as a Resource Person for A Five-Day FDP on Quantum Computing, Tools and Applications for Addressing Recent Challenges in VIT

FACULTY ACHIEVEMENTS

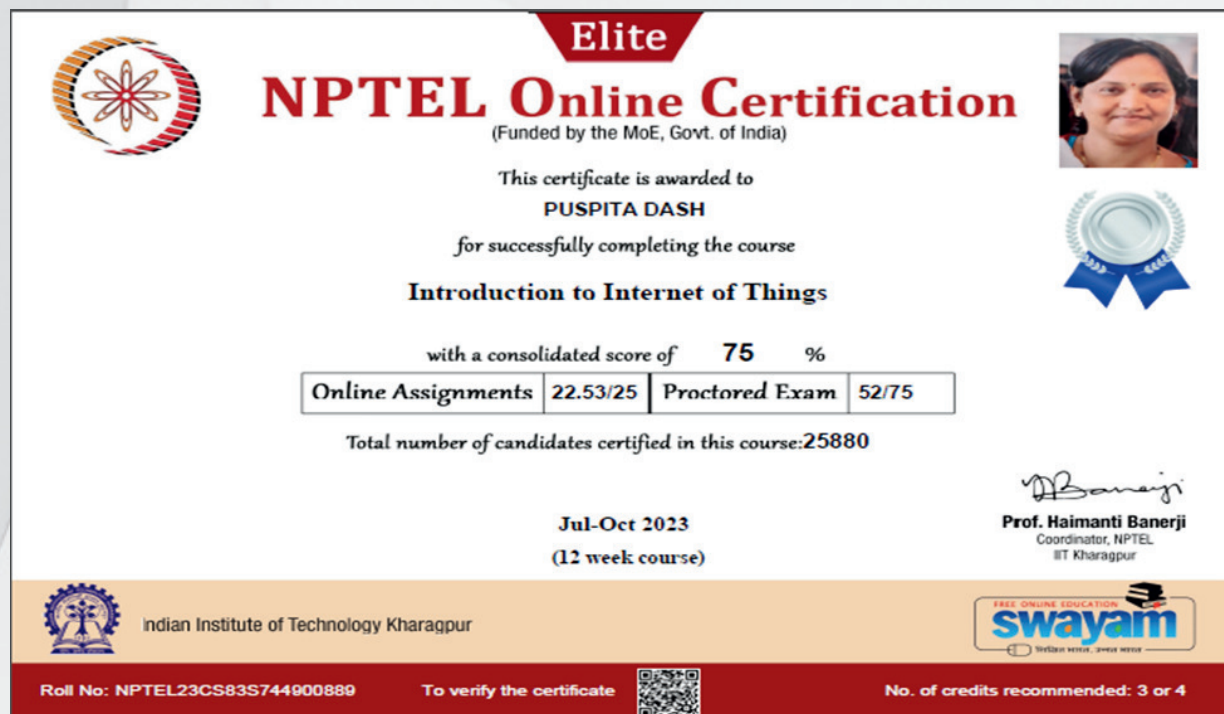


Mrs. E. Valarmathi, Assistant Professor, has been awarded a Certificate of Appreciation by NPTEL and SWAYAM for her outstanding contributions as a mentor in the 'Python for Data Science' course (July–December 2023).



Mrs. C. Vanaja, Assistant Professor, has been awarded a Certificate of Appreciation by NPTEL and SWAYAM for her outstanding contributions as a mentor in the 'Python for Data Science' course (July–December 2023).

FACULTY ACHIEVEMENTS



Dr. Puspita Dash, Associate Professor, has been awarded the NPTEL Elite Certificate for the 'Introduction to Internet of Things' course (Jul-Oct 2023)



STUDENTS ACHIEVEMENTS

STUDENTS ACHIEVEMENTS



A student team actively participated in the Hackathon organized by Hypermine and Dojima Network, held in Bangalore on 10th June 2023

S.V. Deepa, a III-year IT student, participated in the Pondicherry Roller Skating Championship-2023, organized by the Pondicherry Roller Skating Association, held from 29th September to 1st October 2023, and secured First Place in the championship



Aravindhan R, Balaji N, Mohan Raj T, and Srinath S, III-year students, participated in Hackerz 2023, a startup event (Seed Start) organized by Chennai Institute of Technology. The team won the First Prize with a cash award of ₹15,000.

STUDENTS ACHIEVEMENTS

Pavan K, Sailesh V, Ariharan A, Saravanan T, and Kameshwaran T, III-year students, participated in HACKLITE 2023, an event conducted by SMVEC. The team won the 3rd Prize along with a cash award of ₹10,000.



Annie Rose A, Avila Jaya Sebastina, Priyadharshan R, and Ramachandran K., III Year students, secured the 1st Prize with a cash award of ₹15,000 at Innovators Day 2023, organized by SMVEC on 14 Sep 2023

Akshaya S, Kavipriya G, Lakshana V, and Sarvika R, III Year students, secured the 2nd Prize with a cash award of ₹7,500 at Innovators Day 2023, organized by SMVEC on 14 Sep 2023



STUDENTS ACHIEVEMENTS



Team Towards Infinity - Aravindhan R, Balaji N, Srinath S of third year and Pavan k of second year of IT department has participated in Socio-Tech hackathon in Jan 29 & 30, 2024. A TN Startup and Cognizant Sponsored event conducted by KPR Institution Coimbatore . The Team has won the 1st prize with the cash reward of 10000 by participating among 500 Teams and they received mentorship and seed fund for their product by Startup TN

S V DEEPA of IT 3rd year have participated in INCOCU'24 State level quiz competition held at St Xavier's College (SXC), Palayamkottai on February 16, 2024. Our students were selected as finalists with an overall 25+ colleges in Tamilnadu. Also they won first place with an overall amount of rs.5000 and with SXC rolling trophy of the year 2024.



Balaji N, Aravindhan R, Mohanraj T of 3rd Year and Pavan K of 2nd from the Department of Information Technology have participated in the Rang Utsav'24 held at KSR Engineering College , Tiruchengode on feb 15& 16, 2024 and evaluated by the Jury from CUBE AI Solution. They won the first prize in Designing a BoT , second prize in Paper Presentation and third prize in Application Development with the overall amount of Rs.11,000.

STUDENTS ACHIEVEMENTS



Charumathi and Suresh Ramanujam (mentor) from IT Department jointly secured the prestigious Chanakya Fellowship 2024 from I-HUB Quantum Technology Foundation.

Department of IT II year C section students Abishek Palani and Thamimul Ansari M have won Third Prize in paper presentation at New Prince Sri Bhavani College of Engineering and technology (An Autonomous institution) Chennai on 5th April 2024.



Department of IT I year B section students Poornima R and Megha K have won First Prize in paper presentation at SaiRam Institute of technology (An Autonomous institution) Chennai on 23rd April 2024.



STUDENTS ACHIEVEMENTS



Balaji N, Pavan K, and Divakar E from the Department of Information Technology for securing the 2nd prize in the esteemed Hackerrupt 24, a national-level Hackathon held on 28th and 29th April 2024 at IIT. Madras Research Park.

Department of IT II year C section students Ashigha M, Abishek Palani S and Shobika G have won Second Prize in Recursion 24 Hackathon of 24 hours on 3rd and 4th May 2024 at Pondicherry University by the Department of Computer Science



Dept of IT students Priyadharshan, Ramachanran, Annie Rose and Avila Jaya Sebastina won a Special Prize Rs. 25,000/- for "Secure Cloud Communication Using Quantum DNA Cryptography" at the Unisys Innovation Program Y15 2024, a national-level contest organized by Unisys in Bangalore On May 8, 2024



EVENTS & ACTIVITIES

HACKELITE-A NATIONAL LEVEL 24 HOURS HACKATHON 2023



Sri Manakula Vinayagar Engineering College conducted, A national level 24 hours hackathon Hack Elite 2023 as a constituent of its Silver Jubilee Celebration. Department of Information Technology in association with SMVEC AICTE Idea Lab organized the contest in grandiose manner on 24th and 25th November 2023. 29 Colleges and Universities from all over the nation have participated in the contest in which 98 teams comprising of 417 students. The students were given problems with multiple domains to solve the society oriented real time problems.

Shri. M. Dhanasekaran, Chancellor, Takshashila University, Chairman and Managing Director, SMVET, Dr.K. Narayanasamy Kesavan, Secretary, SMVET, Shri.D.Rajaraman, Treasurer SMVET, Dr. V.S.K. Venkatachalapathy, Director cum Principal, SMVEC felicitated the function. Dr.R.Raju, Professor & Head Department of Information Technology welcomed the gathering.

Dr.S.Jayakumar, Controller of Examinations, Dr.S.Anbumalar & Dr.A.A.Arivazhagar, Dean Academics, Dr.K.Velmurugan, Dean, Research and Development, Dr.N.S.N.Cailassame, Placement Officer graced the occasion. Mr. Prakash, Application Team Lead, Invisys , Mr. G.Surendar Thina , Founder & Mentor, Think - Digital Community, Chennai, Mr. R Ramanan, Senior Developer, Blackwins Tech Solutions, Tiruchirapalli, Mr.Hariprasad Founder, Beyond Sustainability Network, Coimbatore were the guests for the Inaugural function.

Shri. Sivakumar Govindasamy, Founder President & CEO IINVSYS, Puducherry, Shri. Vasanth Jagadeesan CTO, Twilight IT Solutions, Pondicherry, Selvi. Vidya Bala, Product Manager, Gozen Coimbatore, Shri.Manoj Kumar, Full Stack developer, Gozen, Coimbatore, Shri.Kathir, CEO, Aeroknotts, Chennai graced the Valedictory function. The winners of the competition were rewarded with cash awards and certificates.

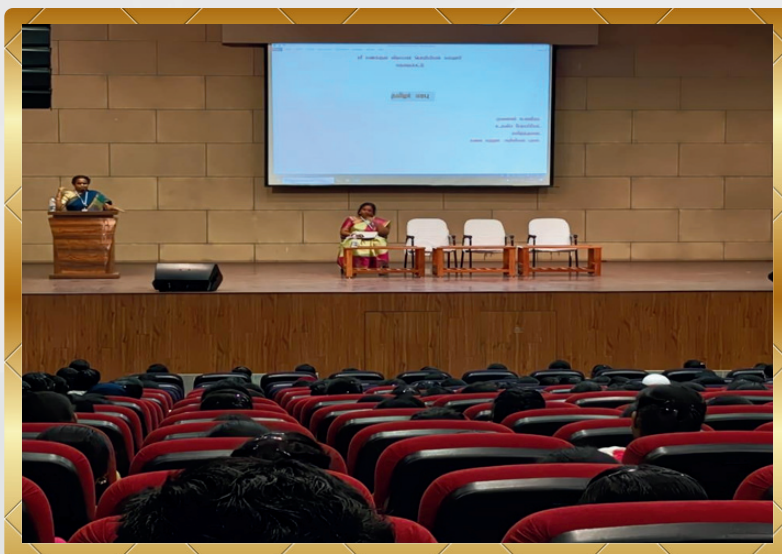
GUEST LECTURE ON “ENERGY CONVERSION AND EFFICIENCY MANAGEMENT



The department of Department of Information Technology & Artificial Intelligence and Data Science of Sri Manakula Vinayagar Engineering College, Madakadipet and The institution of Engineers (India) celebrated Energy Conservation Day and organized a Guest lecture on “Energy conversion and efficiency management” on 14-12-2023.

The Guest speaker Dr.Madhavan Ramanujam, Senior Principal Design Engineer, Regal Rexnord, United States, was heartily welcomed by Dr. V.S. K Venkatachalapathy, Principal , Dr.R Raju, Head of the Department, IT , Dr.J.Madhusudanan, Head of the Department, AI & DS and Dr.L.M.Varalakshmi Head of the Department, ICE.

Speaker Dr.Madhavan Ramanujam delivered the importance of energy efficiency and conservation and Explained that energy in its various forms can affect everyday objects and is involved in everyday events.

INDUCTION PROGRAMS: MOTIVATIONAL TALK

As part of the Induction Program organized by the Department of Information Technology, a special motivational session was conducted. The session was delivered by Dr. K. S. Punitha, who is widely appreciated for her thought-provoking and inspiring talks. She captivated the audience right from the beginning with her warm and energetic approach. Her style of presentation was highly interactive, which encouraged students to actively participate. She explained the importance of self-discipline, confidence, and positive thinking in achieving success.

Dr. Punitha emphasized how students should focus on continuous learning and make the best use of college life. She also guided them on building good communication skills and nurturing teamwork for personal growth. Practical examples and real-life experiences shared during the talk made the session very relatable. Students were motivated to dream big and work consistently to achieve their goals.

The lively interaction created an atmosphere of enthusiasm and positivity among the freshers. She also highlighted the importance of values, ethics, and respect in shaping one's character.

Her words reminded the students about the support and sacrifices made by parents throughout their lives. Towards the end, she delivered a heartfelt message on the true value of parents, which deeply touched everyone. The audience gave an overwhelming response, appreciating the meaningful insights shared. Overall, the session set a motivating and inspiring tone for the Induction Program, leaving a lasting impression.



A guest lecture on “Data Science using Python” was organized by the IT Department in association with IEI for third-year IT students on 01.07.2023. The session was handled by Ms. M. Suganya, Firmware Engineer, Acsys India Pvt. Ltd.

A new chapter was launched in September 2022 with a core team in place. Over 300 students registered for the “30 Days of Google Cloud Program,” and Qwiklabs subscriptions were provided. Android Study Jams were also scheduled in January 2022.



The team has taken the lead in 3D content creation for Web 3.0, building niche skills and driving innovation in immersive digital experiences



Guest lecture (Online Mode) on "NumPy" by Swathi Raj, Data Scientist BRE Group, London for I year Students on 9 April 2024

III-year students visited Hema's Enterprises Pvt. Ltd., located at SIDCO Industrial Estate, Chavadi, Semmandalam, Kondur, Tamil Nadu, on 15th July 2023

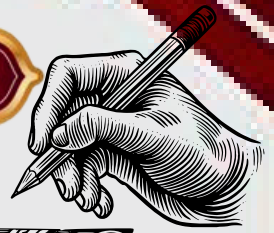


I Year students visited Kerala Electrical & Allied Engineering Co. Ltd, Kerala on 22 March 2024.



CREATIVE CORNER

PENCIL DRAWING



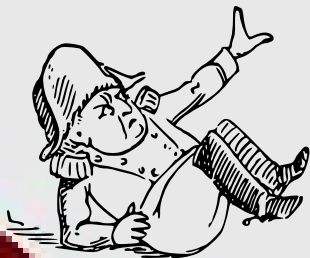
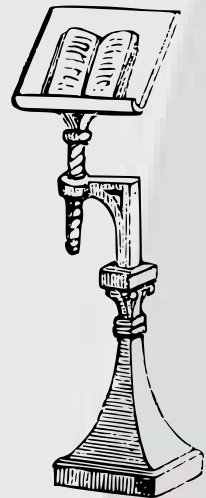
KAVIARASAN.E I YEAR



RAMYA G II YEAR



MAKIMA.R I YEAR





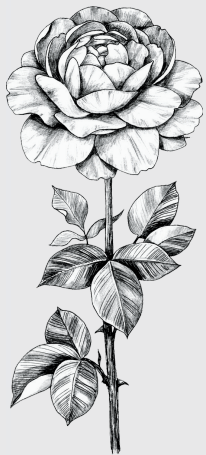
KIRAN KUMAR G III YEAR



HANDI CRAFTS



HONNESHAA JAIN I YEAR



HONNESHAA JAIN I YEAR



ART WORKS



PANDIAN M IV YEAR



SARANYA M II YEAR



PANDIAN M IV YEAR



GUNAL S I YEAR



DEVASHRI G II YEAR

POEM

PLUTO

Moon gazing the earth
Distance as the stars
Bright from far but glows like near
As Venus and Saturn make their visits to you
on occasion
The Sun burns off with jealous
But what's with Mars? Melting for you
Mercury wanting you
Jupiter being your distant adorer
Uranus chants "Till forever falls apart"
Neptune gave its heart a holiday
And I'm like Pluto long gone forever in the
dark
The lost one,
Never to be found.



PLACEMENTS RECORDS

PLACEMENTS RECORDS

<u>BATCH</u>	<u>PLACEMENT PERCENTAGE</u>
2023-2024	89%
2022-2023	98%
2021-2022	98%
2020-2021	98%

PLACEMENTS RECORDS

S.NO	NAME OF COMPANY	TOTAL NO. OF STUDENTS PLACED
1	Accenture	2
2	Avasoft	2
3	CommViva	1
4	Hexaware	20
5	I HuB Pune	1
6	Integra	28
7	Keprevos	1
8	Qatar Airways	1
9	Qoneqt	2
10	SocitieGenerale	1
11	TCS Ninja	25
12	TCS Digital	10
13	TCS Pega	1
14	Unisys	9
15	Virtusa	10
16	Coneqt	1
17	CTS	2
Total No. of Students Placed		132

HIGHEST PACKAGE : 8.9 LPA AVERAGE PACKAGE: 4.73

Sl.No	Name of the Student	Name of the company	Year /Sem	Virtual / Physical	Duration
1	SANJAI P	Hexaware	III/VI	Virtual	6 months
2	Brindha S	Hexaware	III/VI	Virtual	6 months
3	Poonguzhali k	Hexaware	III/VI	Virtual	6 months
4	SANTHIYA M	Hexaware	III/VI	Virtual	6 months
5	Ayeesha S	Hexaware	III/VI	Virtual	6 months
6	Ragasangeetha H	Hexaware	III/VI	Physical	6 months
7	Sri Lakshmi A	Hexaware	III/VI	Physical	6 months
8	Shabana Begum A	Hexaware	III/VI	Physical	6 months
9	Naveen Chander R	Hexaware	III/VI	Physical	6 months
10	Akshaya M	Hexaware	III/VI	Physical	6 months
11	SARANYA D	Hexaware	III/VI	Physical	6 months
12	SRUTHI B	Hexaware	III/VI	Physical	6 months
13	Likkhitha L V	Hexaware	III/VI	Physical	6 months
14	Jayapriyadharshini S	Hexaware	III/VI	Physical	6 months
15	Madumitha B	Hexaware	III/VI	Physical	6 months
16	Manga Sethu Deepika	Hexaware	III/VI	Physical	6 months
17	Balaji R	Hexaware	III/VI	Physical	6 months
18	Sakresh Sivakumar	Hexaware	III/VI	Physical	6 months

PLACEMENTS RECORDS

19	Thirlok Swaminathan S	Unisys	III/VI	Physical	9 months
20	Charan Venkatachalam	Unisys	III/VI	Physical	9 months
21	Jeevidha R	Unisys	III/VI	Physical	9 months
22	Haritha K	Unisys	III/VI	Physical	9 months
23	Supriya P	Unisys	III/VI	Physical	9 months
24	Arifa A	Unisys	III/VI	Physical	9 months
25	Devasri	Unisys	III/VI	Physical	9 months
26	Thirlok Swaminathan S	Unisys	III/VI	Physical	9 months
27	Charan Venkatachalam	Unisys	III/VI	Physical	9 months
28	Jeevidha R	Unisys	III/VI	Physical	9 months
29	Haritha K	Unisys	III/VI	Physical	9 months
30	Supriya P	Unisys	III/VI	Physical	9 months
31	Arifa A	Unisys	III/VI	Physical	9 months
32	Devasri	Unisys	III/VI	Physical	9 months
33	Thirlok Swaminathan S	Unisys	III/VI	Physical	9 months
34	Thirlok Swaminathan S	Unisys	III/VI	Physical	9 months
35	Charan Venkatachalam	Unisys	III/VI	Physical	9 months



ARTICLES

ARTICLES

THE GIG ECONOMY & ITS IMPACT ON TRADITIONAL EMPLOYMENT

The gig economy has emerged as one of the most significant transformations in the global labor market. Powered by digital platforms and the increasing preference for flexible work arrangements, the gig economy represents a shift away from the traditional 9-to-5 employment model. Platforms such as Uber, Zomato, Swiggy, Fiverr, and Upwork have enabled millions of workers to offer services on-demand, redefining how individuals engage with work. This evolving landscape has introduced new opportunities and challenges that have implications for both employees and employers.



One of the most compelling aspects of the gig economy is the freedom it offers. Individuals can choose when, where, and how much they want to work. This flexibility is particularly attractive to students, freelancers, and those seeking supplemental income. It has also expanded access to income-generating opportunities in areas where formal employment is scarce. The technology-driven nature of gig work allows for a seamless match between demand and supply, enabling consumers to access services with unprecedented convenience.

ARTICLES

However, the rise of gig work has also raised important concerns about job security, benefits, and labor rights. Unlike traditional employees, gig workers are often classified as independent contractors. As a result, they typically do not receive benefits such as health insurance, paid leave, or retirement plans. The lack of a fixed income and the unpredictability of demand can create financial instability. Additionally, algorithm-based work allocation can introduce bias, reduce human oversight, and limit avenues for redressal in case of disputes.

From the perspective of employers, the gig model reduces fixed labor costs and increases scalability. Companies can engage workers only when needed, improving efficiency and competitiveness. However, this approach may also lead to reduced loyalty, higher turnover, and quality control challenges. The absence of long-term relationships between employers and workers can affect team cohesion and organizational culture.

The gig economy also poses regulatory challenges for governments. Policymakers must find a balance between encouraging innovation and protecting workers' rights. In India, efforts have been made to formalize gig work through platforms like e-Shram and to offer social security benefits to unorganized sector workers. Yet, much remains to be done in ensuring fairness, transparency, and dignity in gig work arrangements.



As the line between formal and informal work continues to blur, the gig economy urges a rethinking of labor laws, corporate responsibility, and education systems. Institutions must begin preparing students not just for traditional employment but for a future defined by self-employment, portfolio careers, and digital entrepreneurship. Equipping youth with financial literacy, digital skills, and awareness of their rights is essential in making the gig economy more inclusive and equitable. As economies evolve, striking a balance between flexibility and fairness will determine whether the gig model becomes an engine of empowerment or exploitation.

In conclusion, the gig economy represents both a disruption and an opportunity. While it empowers workers with flexibility and expands access to work, it also raises critical questions about the future of employment, protection, and equality. As digital platforms continue to grow, a collaborative effort among stakeholders—governments, businesses, and workers—is essential to shape a gig economy that is fair, inclusive, and sustainable.

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