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KNOW YOUR CHAIRMAN'S MESSAGE

★★★

Wishing all the students and faculties a future brimming with opportunities and success filled with endless possibilities.

It is with great pleasure and enthusiasm that I extend my warmest greetings to everyone as the Chairman and Managing Director of this prestigious institution. As we embark on every promising academic year, I am filled with pride and excitement for the remarkable journey that lies ahead.

At Sri ManakulaVinayagar Engineering College, we take immense pride in our commitment to academic excellence, innovation, and holistic development. Our institution stands as a beacon of knowledge, fostering an environment where students are encouraged to push the boundaries of conventional thinking and pursue their passions with unwavering determination.

We understand the importance of equipping our students with the skills, knowledge, and values necessary to thrive in an ever-evolving global landscape. Our well- educated faculty members, renowned for their expertise and dedication, play a pivotal role in shaping the leaders of tomorrow.

Our Engineering College provides a wealth of resources, including state-of-the-art facilities, experienced faculty members, and industry connections. It is imperative to be part of these resources by actively engaging in extracurricular activities, internships, and networking opportunities. Placement is a culmination of hard work, dedication, and preparation throughout the academic journey. I encourage the budding engineers to start preparing for placements from the moment they step into our campus. Avail the career counselling services, enhance the technical and soft skills, and build a strong professional network.

I am excited to share the myriad entrepreneurship opportunities available within our institution. Our college is not only a hub for academic excellence but also a fertile ground for cultivating innovation, creativity, and entrepreneurial spirit among our students. As we continue to embrace innovation and adapt to the challenges of the 21st century, I am confident that SMVEC will remain at the forefront of engineering education, producing graduates who are technically proficient as well as socially responsible and ethically bounded citizens.

Dr. NARAYANASAMY KESAVAN
Secretary, Sri Manakula Vinayaga Educational Trust

Shri. RAJARAJAN DHANASEKARAN
Treasurer, Sri Manakula Vinayaga Educational Trust

As the Secretary of this revered institution nestled amidst nature's embrace, it gives me immense pleasure to extend a warm greeting to all aspiring engineers and academic enthusiasts.

In today's rapidly evolving world, innovation plays a crucial role in shaping the future. Our institution is committed to fostering a culture of innovation, where students are encouraged to think creatively, push boundaries, and explore new frontiers of knowledge. Whether it's through groundbreaking research projects, innovative design challenges, or entrepreneurial endeavors, we provide our students with the tools and support they need to thrive in a rapidly changing world. Through our state-of-the-art facilities, cutting-edge research initiatives, and industry partnerships, we strive to provide our students with supreme opportunities for growth and exploration. We are dedicated to fostering the skills and aspirations of each person who enters our institution through practical laboratory experiences, professional internships in various industries, or engagement in community projects. Our commitment lies in providing hands-on learning opportunities that empower individuals to thrive and succeed.

We take pride in our unique blend of academic excellence and the serene ambience of rural life. Here, we foster an environment where curiosity is nurtured, creativity is unleashed, and aspirations are turned into achievements. Beyond the classroom, we provide ample opportunities for students to gain real-world experience through industry internships, and community projects. With a steadfast dedication, our faculty members ensure that every student receives tailored attention and guidance, empowering them to thrive both academically and personally. Through personalized support and mentorship, they strive to cultivate a nurturing environment where students can flourish and achieve their fullest potential.Our curriculum is designed to impart technical skills and values of social responsibility and ethical conduct, preparing our graduates to make meaningful contributions to society. Together, let us push the boundaries of knowledge, inspire positive change, and make a lasting impact on the world.

As the Treasurer, it fills me with immense pride to witness the remarkable accomplishments of our talented and dedicated students.
Since our inception a quarter-century ago, Sri Manakula Vinayagar Engineering College has been dedicated to providing a transformative educational experience that empowers our students to realize their fullest potential. Over the years, we have grown and evolved with the commitment to excellence, innovation, and inclusivity.
I am cheerful by the remarkable achievements and milestones we have reached together. Our journey has been marked by countless successes, fuelled by the collective efforts of our visionary leadership, dedicated faculty, talented students, and supportive alumni and stakeholders.

We have always strived to push the boundaries of knowledge and inspire a culture of lifelong learning. Our academic programs, research endeavours, and extracurricular activities are designed to foster intellectual curiosity, critical thinking, and creativity, preparing our students to meet the challenges of an ever-changing world. As we commemorate this significant milestone, let us take a moment to reflect on the past, celebrate our achievements, and reaffirm our commitment to shaping the future of education.

I extend my deepest gratitude to all those who have contributed to the success of SMVEC over the past 25 years – our faculty, staff, students, alumni, partners, and supporters. Your unwavering dedication, hard work, and enthusiasm have been the cornerstone of our success.
As we embark on the next chapter of our journey, I am confident that the future holds even greater promise and potential for SMVEC. We always focus on building the legacy of academic excellence and continue to inspire generations of students.

Dr. V.S.K.Venkatachalapathy
Director cum Principal, SMVEC

Welcome to SMVEC where dreams take flight and aspirations find wings. As we celebrate 25 years of academic excellence, it is with great pride and gratitude that I extend my deepest greetings to you all.

Our students have excelled in various domains, showcasing their exceptional abilities and commitment to excellence. From academic achievements to extracurricular endeavors, their accomplishments serve as a testament to their hard work, determination, and passion for learning. As Director cum Principal, I am pleased to acknowledge the outstanding performance of our students who have consistently demonstrated excellence in the academic realm. Whether it be securing top ranks in university examinations, receiving academic awards, or presenting groundbreaking research, our students have continually raised the bar for academic achievements.

Furthermore, our students have distinguished themselves through their participation in various extracurricular activities and competitions. From representing our college in sports tournaments to organizing cultural events and technical competitions, they have showcased their leadership skills, teamwork, and creativity. Many of our students have also undertaken internships and industrial training programs, gaining valuable real-world experience and making significant contributions to their respective fields. Their exemplary performance during internships reflects the quality of education and training they receive at our college.

Moreover, I am proud to recognize the philanthropic endeavours of our students who have actively engaged in community service projects and social initiatives. Their dedication to serving others and making a positive impact on society exemplifies the values of empathy, compassion, and social responsibility that we strive to instil in our students. As we celebrate the achievements of our students, I would like to extend my heartfelt appreciation to our faculty and staff whose guidance, mentorship, and support have played a crucial role in shaping the success of our students. My sincere gratitude to all the parents for entrusting us with the education and future of your wards. Your decision to choose Sri Manakula Vinayagar Engineering College for their academic journey is deeply appreciated, and we are committed to providing them with a nurturing environment where they can flourish both academically and personally.

Let us continue to inspire and empower one another as we work towards our shared goal of Scholastic distinction and innovation.

ARCHITECTURE	1
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25 YEARS
ANNIVERSARY

SCHOOL OF ENGINEERING

Sri Manakula Vinayagar Engineering College was established in the year 1999 with an avowed objective of imparting technical education to the rural sectors of the community. The Institution has been approved by AICTE, New Delhi and affiliated to Pondicherry University. The University Grants Commission (UGC) granted Autonomous status for a period of ten years (2019-2029). The institute is accredited by NAAC with "A"grade and NBA-AICTE, New Delhi and also accredited by the IT giant Tata Consultancy Services (TCS). In addition to its glory, the institute obtained 12 B and 2 (F) Status from UGC.Within a short span of time, the institution has attained an enviable reputation by possessing all the hallmarks of a premier institution in the 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 thus shaping them as strategic scholars with competitive spirits who will be capable of delivering their best in the technological world. It is the first Institution in Puducherry that established the 'Nila Community Radio Station' with the approval of Government of India.

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE

B.Tech - Electronics and Communication Engineering

B.Tech - Electrical and Electronics Engineering

B.Tech - Computer Science and Engineering

B.Tech - Information Technology

B.Tech - Instrumentation and Control Engineering

B.Tech - Mechanical Engineering

B.Tech - Civil Engineering

B.Tech - Biomedical Engineering

B.Tech – Mechatronics

B.Tech - Computer Science and Engineering and Business Systems

B.Tech - Computer and Communication Engineering

B.Tech - Artificial Intelligence and Data Science

B. Arch - Bachelor of Architecture

PG Programmes

Engineering

M.Tech - Electronics and Communication Engineering

M.Tech - Manufacturing Engineering

M.Tech - Networking

M.Tech - VLSI and Embedded Systems

M.Tech - Computer Science and Engineering

M.Tech - Artificial Intelligence and Data Science

Management Studies

MBA - Master of Business Administration

Computer Applications

MCA - Master of Computer Applications

Ph.D – Research Programmes

Ph.D – Mechanical Engineering

Ph.D - Electrical and Electronics Engineering

Ph.D - Electronics and Communication Engineering

Ph.D - Computer Science and Engineering

Ph.D - Information Technology

Ph.D - Civil Engineering

Ph.D - Management Studies

Ph.D - Physics

Ph.D - Chemistry

Ph.D - Mathematics

Ph.D - English

VISION

To be globally recognized for excellence in quality education, innovation and research for the transformation of lives to serve the society.

MISSION

Quality Education : To provide comprehensive academic system that amalgamates the cutting-edge technologies with best practices.

Research and Innovation : To foster value-based research and innovation in collaboration with industries and institutions globally for creating intellectuals with new avenues.

Employability and Entrepreneurship : To inculcate the employability and entrepreneurial skills through value and skill-based training.

Ethical Values : To instil deep sense of human values by blending societal righteousness with academic professionalism for the growth of society.

UG Degree Programmes

Eligibility for the First Year B.Tech Course : 45% aggregate marks HSc / Equivalent (40% aggregate for reserved category). as per norms of statutory council / Government / AICTE

Eligibility for the Lateral Entry (Second Year) admission :
A pass in three year diploma/four year sandwich diploma course in Engineering and Technology / B.Sc. Course with Mathematics as one of the subjects with a minimum of 45% marks (40% marks for reserved categories).

Eligibility for B.Arch Course : (10+2) curriculum with 50% aggregate marks in Physics, Chemistry & Mathematics and also at least 50% marks in aggregate of the10+2 level examination and should clear NATA (National Aptitude Test in Architecture) conducted by Council of Architecture, New Delhi.

PG Degree Programmes

Master of Computer Applications (MCA)
Passed BCA / Bachelor degree in Computer Science Engineering or equivalent degree (or) passed B.Sc. / B.Com / B.A. with Mathematics at 10+2 level or at Graduation level (with additional bridge courses as per the norms of the concerned University) obtained at least 50% marks (45% marks in case of candidates belonging to reserved category) in the qualifying examination.

Master of Business Administration (MBA)
Eligibility: Any Bachelor's degree with a minimum of 50% marks 45% marks for reserved categories).

M.Tech. Programme
Eligibility: A Bachelor's degree in the relevant branch prescribed by the Institution with a minimum of 55% marks (a mere pass for SC/ST candidates).

Entrance Test for B.Tech and M.Tech. Programmes
Candidates seeking admission under management quota shall have written the Common Entrance Test for Puducherry Private Engineering Colleges (CETPPEC) for UG Courses and Post Graduate Common Entrance Test (PGCET) for PG Courses conducted by Registered Association of Self-Financing Engineering Colleges.

Ph.D – Research Programmes
Eligibility : Master's Degree or any other qualification recognized as equivalent thereto in the field of study notified from time to time by the University. A minimum of 55% marks or CGPA of 5.5 on a 10 point scale in the qualifying examination. In case of SC/ST/ differently-abled candidates, 50% marks or CGPA of 5.0 on a 10 point scale. Candidates of Indian origin or overseas students who have qualified for a Master's Degree of an accredited overseas university, having secured a minimum of 55% marks (or equivalent grade).

Research Entrance Examination
Separate entrance will be conducted with the syllabus consist of research methodology and subject specific. The scholar should secure 50%, marks in the entrance test so as to qualify for interview. Relaxation of 5% of marks (from 50% to 45%) shall be allowed in the entrance examination conducted by the Institution for the candidates belonging to SC/ST/OBC (Non-Creamy layers)/Differently abled category. Candidates with valid GATE score, UGC/CSIR (JRF)/NET/SLET/Scientists working in DRDO / Teacher-Fellowships / M.Phil /other National level eligibility test may be exempted from written entrance examinations.

100%
Oriented Courses

RESEARCH PROGRAMMES

PG DEGREE PROGRAMMES

UG DEGREE PROGRAMMES

> The institution has been setup in a sprawling green campus of **150 acres** and the entire campus is environmental friendly that provides congenial learning atmosphere for holistic education

State –of- the- art laboratories and facilities

Highly qualified, experienced and dedicated faculty members with PG and doctoral degree qualifications using modern ICT tools for digital portfolios, project and significant research areas

Computing Facilities and Internet Centre

Well established and advanced computing centres with 1500 terminals with latest software along with the internet facilities of 500 Mbps and Wi-Fi enabled Campus

Library and Information Centre

The Library is automated and well furnished with extensive collection of books for mastering subject specialization and can access reprography. As a member of MALIBNET and British Council Library, the students and faculties of our college can utilize the library facilities available at the MALIBNET member libraries and British Council Library at Chennai. The working hours of the Library is from 8.00 am to 8.00 pm DELNET Membership with 2448 online journals enables the users to share resources

Hostel and Guest House Facilities

Well established hostels are available for boys and girls with multi-gym facilities. Well-furnished guest houses are also available for the visitors

Transport Facilities The college operates 60 buses for the transportation of the staff and students from various terminals of Puducherry and from Madukarai, Kanagachettikulam, Sedurapet, Marakanam, Villupuram, Neyveli, Kurunjipadi, Panruti, Cuddalore, Tindivanam, Ulundurpet, Thiruvannamalai, Nellikuppam, covering almost all the areas of Puducherry State and Districts of Tamil Nadu State. Separate transport facility has been arranged for those who remains in the college after 5 pm for utilising computer and other labs, library, sports facilities etc

The placement division functions round the clock throughout the year. It establishes contacts with reputed multinational companies, core industries, R & D organizations and also plays an important role in locating various job opportunities through which suitable job offers are bestowed to large number of students.

Training Division Activities

Employability skill development program

Communication training

Assisting the students to get in-plant training and arranges industrial visits

Inspires the students to participate in co-curricular and extracurricular activities

Creates awareness about higher studies opportunities and arranges coaching for GATE, GRE, TOEFL, IELTS,

Membership in the Professional bodies

Institution of Engineers (IE)
Computer Society of India (CSI)
Madras Management Association (MMA)
Confederation of Indian Industry (CII)
The Institute of Indian Foundry Foundation (IIFF)
American Society of Metals (ASM)
Instrumentation Society of America (ISA)
Institute of Electrical and Electronics Engineers (IEEE)
Indian Society for Technical Education (ISTE)
Indian Concrete Institute (ICI)
Institute of Electronics and Telecommunication Engineers (IETE)
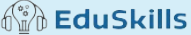
CENTRE OF EXCELLENCE and MoU
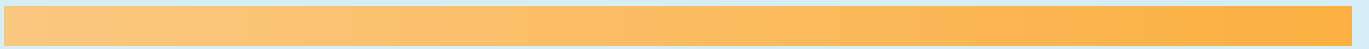
VIRTUSA	virtusa	**MICROCHIP TECHNOLOGY**	MICROCHIP
WIPRO	wipro	**GREAT LEARNING**	Great Learning POWER AHEAD
TCS	tcs TATA CONSULTANCY SERVICES	**BEN LAB**	BENlabs
BLUEPRISM UNIVERSITY	blueprism University	**EDU SKILL**	EduSkills
EC COUNCIL	EC-Council	**TRAIN LAB ACADEMY**	TRAINING LAB

Training and Placement Cell in SMVEC plays a vital role in making students industry ready and placing them in top MNCs. In the current competitive world, the challenges in making the students employable and creating placement opportunities are increasing day by day. In order to face these challenges our college has full-fledged placement cell with required staff and facilities. With the following objectives the Training and Placement division functions to cater the following:-

• To establish a close linkage between Institute and Industry
• To bridge the existing gap between the industry and fresh professionals.
• To conduct various technical and soft skill training program through Industrial Experts and Alumni
• To provide training and improve the Employability Skills of the students.
• Prepare students to face the real time Industrial challenges
• To Build self Confidence among the students.
• To organize various activities like Seminar, Guest Lecture, Industrial Visit and In plant Training

• To collaborate with Industry in R & D and Industrial Consultancy
• To give proper guidance to the students with respects to the Higher Education opportunities available both Nationally and Internationally.
• To Create awareness about higher studies opportunities and arranges coaching for CAT, GATE, GRE, TOEFL, IELTS, IAS, IES, IFS etc.,
• To nurture entrepreneurship instinct among the students, the entrepreneurship Development Cell organizes various workshops and sessions by eminent entrepreneurs, investors, bankers etc.,

Various career and life skill training activities conducted for our students are as follows

- Aptitude Training
- Logical Reasoning
- Communication skills
- Technical training both coding and core subjects
- Personal Grooming
- Time Management
- Presentation Skills
- Inter and Intra Personal Skills
- Team Building
- Group Discussion
- Planning & Goal Setting

1110+
Students placed in 2023-24

1000+
Students placed in 2022-23

1100+
Students placed in 2021-22

PLACED STUDENTS GRAPH
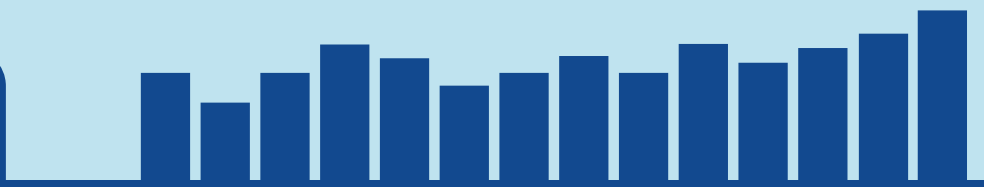
TRAINLAB ACADEMY
A Unit of Ethnotech Academy

Our Mission

"Building the Nation's Tomorrow Today"
To impart students with necessary Knowledge, for them to take control of their own life, impose a sense of direction towards the fulfilment of their own Goals.

Our Vision

Our vision is to raise independent, ingenious and inquisitive learners. The dynamic and engaging nature of learning encourages discovery, creativity, and exploration in a supportive environment.

Philosophy
Education is birth right and democratization of the required skills is every academician's responsibility.

CENTRE OF EXCELLENCE **19**

Associate Level International Certifications **90**

Our Major Training Partners

Innovative Services, SMART Training, FACE, Ethnotech, Top Fresher, Skill Rack, Dynamic Networking and Chakrika infosolutions .
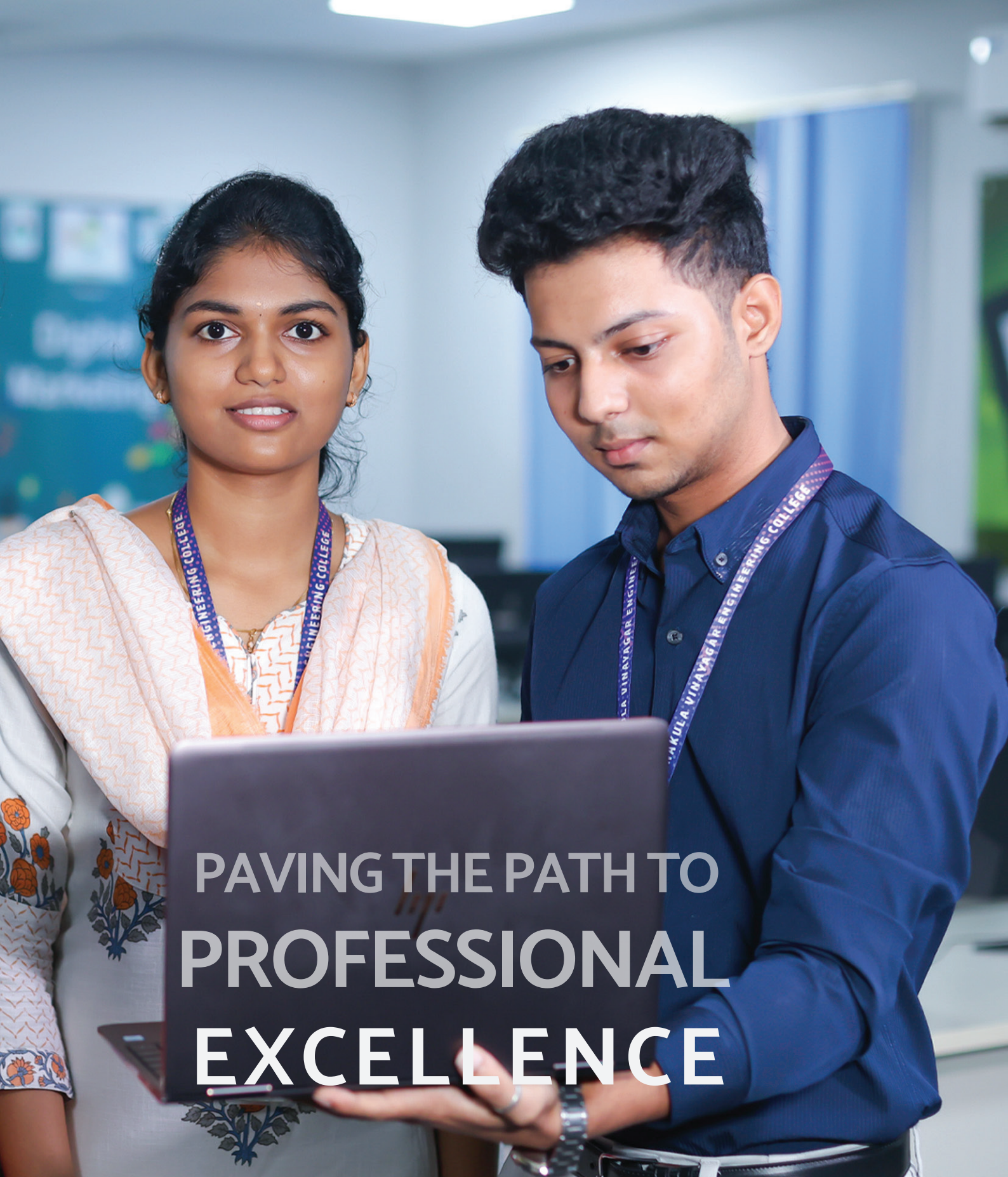
PAVING THE PATH TO
PROFESSIONAL
EXCELLENCE

17 Centre of Excellence & 90+ Associate Level International Certifications

AUTODESK

Autodesk Certified User
– AutoCAD
ACU – Revit
ACU – 3DS Max
ACU – Maya
ACU – Inventor and
ACU – Fusion 360

INFORMATION TECHNOLOGY SPECIALIST

Information Technology
Specialist – Artificial Intelligence
ITS – Cloud Computing
ITS – Cybersecurity
ITS – Data Analytics
ITS – Databases
ITS – HTML & CSS
ITS- Java Script
ITS – Python

Microsoft

Microsoft Office Specialist –
Associate
•Word Associate and
•Excel Associate
Microsoft Office Specialist – Expert
•Word Expert and
•Excel Expert
Microsoft Azure Fundamentals
Microsoft 365 fundamentals

Project Management Institute

PMI Project Management Ready
Unity Certified User – Programmer
Unity Certified User –
VR Developer and Unity
Certified User -Artist

Adobe

Adobe Certified Professional –
Photoshop
Adobe Certified Professional –
Dreamweaver
Adobe Certified Professional –
Illustrator
Adobe Certified Professional –
Animate and
Adobe Certified Professional –
After Effects

CISCO

Internet of Things
CCNA (Routing & Switching)
Java Script
Cyber Security
Network Security
Programming in Python
Programming in C
Programming in C++ and
Cloud Security

intel

Artificial Intelligence
Machine Learning
Deep Learning
Block Chain and
Data Science using Python
Python

aws academy

Cloud Security Foundations
Cloud Computing Architecture
Cloud Foundation
Cloud Practitioner
Cloud Solution Architect

paloalto NETWORKS CYBERSECURITY ACADEMY

Internet of Things
CCNA (Routing & Switching)
Java Script
Cyber Security
Network Security
Programming in Python
Programming in C
Programming in C++ and
Cloud Security

MATLAB

Artificial Intelligence
Machine Learning
Deep Learning
Block Chain and
Data Science using Python
Python

blueprism | University Academia Program

Cloud Security Foundations
Cloud Computing Architecture
Cloud Foundation
Cloud Practitioner
Cloud Solution Architect

NiSM

PMI Project Management Ready
Unity Certified User – Programmer
Unity Certified User
VR Developer and Unity
Certified User -Artist

Placement training is a crucial aspect of preparing for job interviews and securing a position in a company. Here's a brief overview of key topics often covered in placement training

Resume Building
How to create an effective and professional resume. Highlighting academic achievements, skills, internships, and relevant experiences.

Interview Skills
Develop effective communication and interpersonal skills.Practice common interview questions and learn how to articulate responses. Understand the importance of body language and professional etiquette.

Technical Skills
Enhance technical skills relevant to the field of study or job role. Updated on industry trends and advancements.

Aptitude and Logical Reasoning
Practice aptitude tests and logical reasoning exercises commonly used in placement assessments.
Develop problem-solving skills and time management.

Group Discussions
Participate in group discussions to improve communication and analytical abilities. Learn how to express opinions effectively and work collaboratively.

Coding and Programming Skills
For technical roles, focus on coding and programming proficiency. Solve coding problems and practice algorithmic thinking.

Mock Interviews
Engage in mock interviews to simulate real-life interview scenarios. Receive constructive feedback to improve the performance.

Research the Company
Understand the company's values, mission, and culture. Be prepared to explain why you are a good fit for the organization.

Soft Skills Development
Develop soft skills like teamwork, adaptability, and problem-solving. Showcase examples of how you've demonstrated these skills in the past.

Networking
Build a professional network through platforms like LinkedIn.Connect with professionals in your field and seek advice.

RECORD BREAKING
ACHIEVEMENTS
IN THE HISTORY OF PUDUCHERRY

TOTAL

1067

Dream Offers

14 With 10 to Less than 12 lakhs per annum

03 With 9 to Less than 10 lakhs per annum

With 8 to Less than 9 lakhs per annum

21 With 7 to Less than 8 lakhs per annum

47 With 6 to Less than 7 lakhs per annum

81 With 5 to Less than 6 lakhs per annum

212 With 4 to Less than 5 lakhs per annum

423 With 3 to Less than 4 lakhs per annum

159 With 2 to Less than 3 lakhs per annum

1110+ Students placed in 2023-24

1000+ Students placed in 2022-23

1100+ Students placed in 2020-21

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE

SMVEC known for its rigorous academic programs and innovative teaching methodologies, has established a legacy of excellence. The impressive tally of 129 gold medals in various engineering disciplines reflects the dedication and hard work of its students, These gold medals are awarded to students who not only excel in their academic pursuits but also demonstrate exceptional problem-solving skills and creativity. The faculty, comprising seasoned academicians and industry experts, play a pivotal role in mentoring students and fostering a culture of academic rigor and innovation.

129
GOLD MEDALS

835
TOP TEN RANKS

Achieving 835 top ten ranks in university examinations over ten years is no small feat. This accomplishment underscores the college's consistent quality of education and its ability to produce top-tier engineering graduates. These ranks are a testament to the college's strategic focus on comprehensive student development, including critical thinking, technical skills, and holistic growth.

SMVEC continues to build on this legacy, it remains a beacon of quality education and a leader in engineering education. With a steadfast focus on quality and innovation, the college is poised to continue its trajectory of success in the years to come.

Research & Development Cell

Research & Development Cell has been established to emerge frontier areas of Engineering, Technology and multidisciplinary areas. Creating interest in applied research using innovative techniques to solve industry related technical problems apropos to recent demands

Skill development centre for SC/ST Students

An exclusive centre was established with the sponsorship of AICTE with the amount of Rs. 25 Lakhs for SC / ST students. The Cell organizes regular Sessions on life skills, personality development, writing and presentations, as well as conducts the language classes in English. It promotes their employability skills, entrepreneurship, and forging on higher education.

Credentials of R&D cell

1000+ Research publications

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50 Patent publications and 6 patents granted

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112 Design patents

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3 Crore funds received from AICTE, DST etc

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133 society oriented products

----

17 products patent filed

Industrial MoU's

Harita Techserv, Chennai

IBM Centre of Excellence, Bengaluru

Infosys Campus Connect, Chennai

Mindlogicx Infotech Ltd, Bangalore

Econstruct, Chennai

Kriatec, Chennai

APLAB, Chennai

CISCO Academy, Chennai

Feltron Systems (1) Pvt Ltd, Chennai

Pantech Proed Pvt. Ltd, Chennai

1.5 Cr

IDEA LAB

AICTE has approved to establish IDEA (Idea Development, Evaluation & Application) lab, which functions consistently where students can learn to apply the Science, Technology, Engineering, and Mathematics (STEM) on ideas through hands-on learning.

Beyond textbook learning, the focus of IDEA lab is to train the students skillfully so that they become imaginative and creative at the workplaces in future. The training sessions are organized for interested students and support projects by providing online learning materials. The amount of Rs. 1.23 Crores was invested to establish the Idea Laboratory.

HUNDREDS OF ACCOLADES

Achieved first position of Top Three All Girls Team in IBM in "The Great Mind Challenge (TGMC) 2015"

EEE students won the first prize and received Best paper award in "Make in India" contest conducted by Entrepreneurs Council of India, Chennai

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IT students won the First prize in 3rd edition of SIH-2019"Smart India Hackathon", conducted by MHRD, Government of India, held at NIIT Trichy with a cash award of Rs. 75,000/-

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EEE students won the cash price Rs.1 lakh in Intercollege Innnovation Challenge Best project award by CII, Chennai Chapter with a cash prize of Rs.25,000/-

----

IT students won the second prize with a cash award of Rs.50,000/- in Dr. A.P. J. Abdul Kalam Innovative Innovation Ecosystems

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IT students won the first prize in Research and Innovation Expo, National level Technical Meet, IIT Madras and won Rs. 1,00,000/- cash prize ECE students won the Bronze medal in TECHgium with a cash award of Rs. 2 lakhs

Winner of Unisys Innovation Program (Y13) 2022 with a cash prize of Rs. 2,00,000/- Winner of national level MOBIWIZ contest 2014 with a cash prize of Rs. 1 lakh organized by TCS

Winner of Testimony 2014, 2015, 2016 and 2017 contest with a cash prize of Rs.1 lakh each organized by TCS

Winner of TCS Inframind 2021 with a cash prize of Rs.1.5 lakhs CSE students project won the third position with a cash award of Rs. 1 lakh in Unisys Cloud 20/20 contest

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IT students won the first prize in The Great Mind Challenge (TGMC) conducted by IBM IT students won the fourth position and inspiration award in the AICTE SMART INDIA Hackathon with a cash award of Rs.75,000/-

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Winner of Innovate contest conducted by TCS with a cash award of Rs. 25,000/-

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Mechanical students won the second prize with a cash award of Rs.25,000/- in TECHKNOW 2017conducted by Anna University

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ICE students won trophies and cash award of Rs.1,12,000/- in the project contest SRISHTI 2019.

They won Best Innovative Project Award, Best Instrumentation

Project Award, Best Institution Award and Best Mentor Award

EEE students won the first place with a cash prize of Rs. 1 lakh in Smart India Hackathon, 2019

Students from ECE and EEE had participated in the final round of ICDC 2016. They received a cash prize of Rs. 25,000/- for being shortlisted as semifinalist. Also received a product development fund of Rs. 5 lakhs

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ECE & EEE Students received a cash prize of Rs. 50,000/- for being shortlisted as finalist and received an offer to setup an incubator at R.S.Raghavan centre for Entrepreneurial Learning, Indian Institute of Management (IIM), Bangalore for a period of one year.

SEED funded Rs. 20 Lakhs for the development of start-ups for ECE & EEE Department.

PHYSICAL EDUCATION : The Department of Physical education is facilitated to develop students' physical competence for active and healthy life style. It encompasses both indoor and outdoor games to make the students to lead a well-balanced life as it increases span of attention and learning capabilities. The college provides opportunities for students to participate in sports like weight lifting, tennis and Outdoor games such as Basketball, Cricket, Shuttle, Volleyball, Ball badminton, etc and Sports & Games ; Indoor games like Table tennis, Carrom and Chess. As a part of the physical education activities, students are motivated to take part in the intramural tournaments and Annual sports meet. Apart from this, students are also encouraged to participate in University and District Level Tournaments. It adopts the motto
**"Physical activity keeps the mind mentally strong."**

INNOVATORS

The college is celebrating Engineer's day as Innovator's day on 15th September every year with a project contest. Its main objective is to bring out the magnificent creation of idea from the aspiring engineers and also to create awareness about fast growing technologies and its applications in industries. To nurture research attitude among young minds, project competitions are conducted that leads to develop innovative society oriented projects. This platform explores the creative and innovative ideas of the students and also motivates them to do projects preferably in multidisciplinary areas for bringing out new products or modifications in the existing products. Thus these projects will improve the quality of people's life and also contribute to the economic growth.

DAY
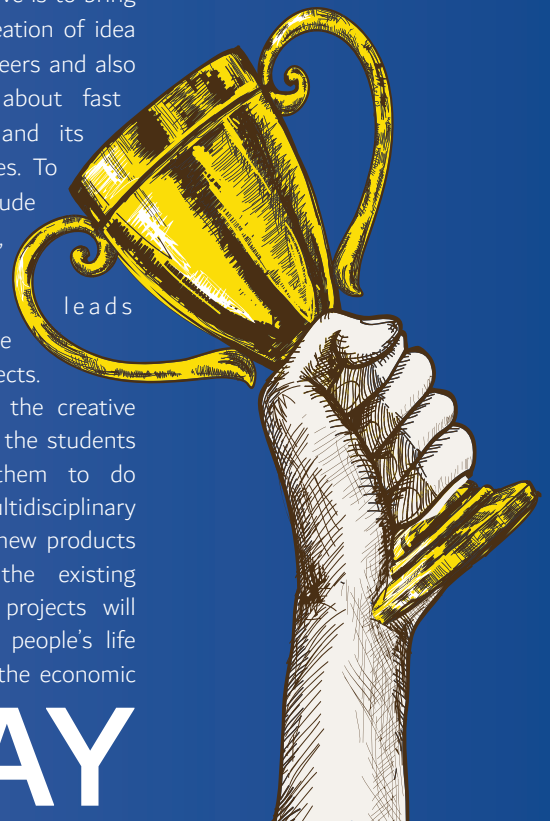
Department of Electrical and Electronics Engineering
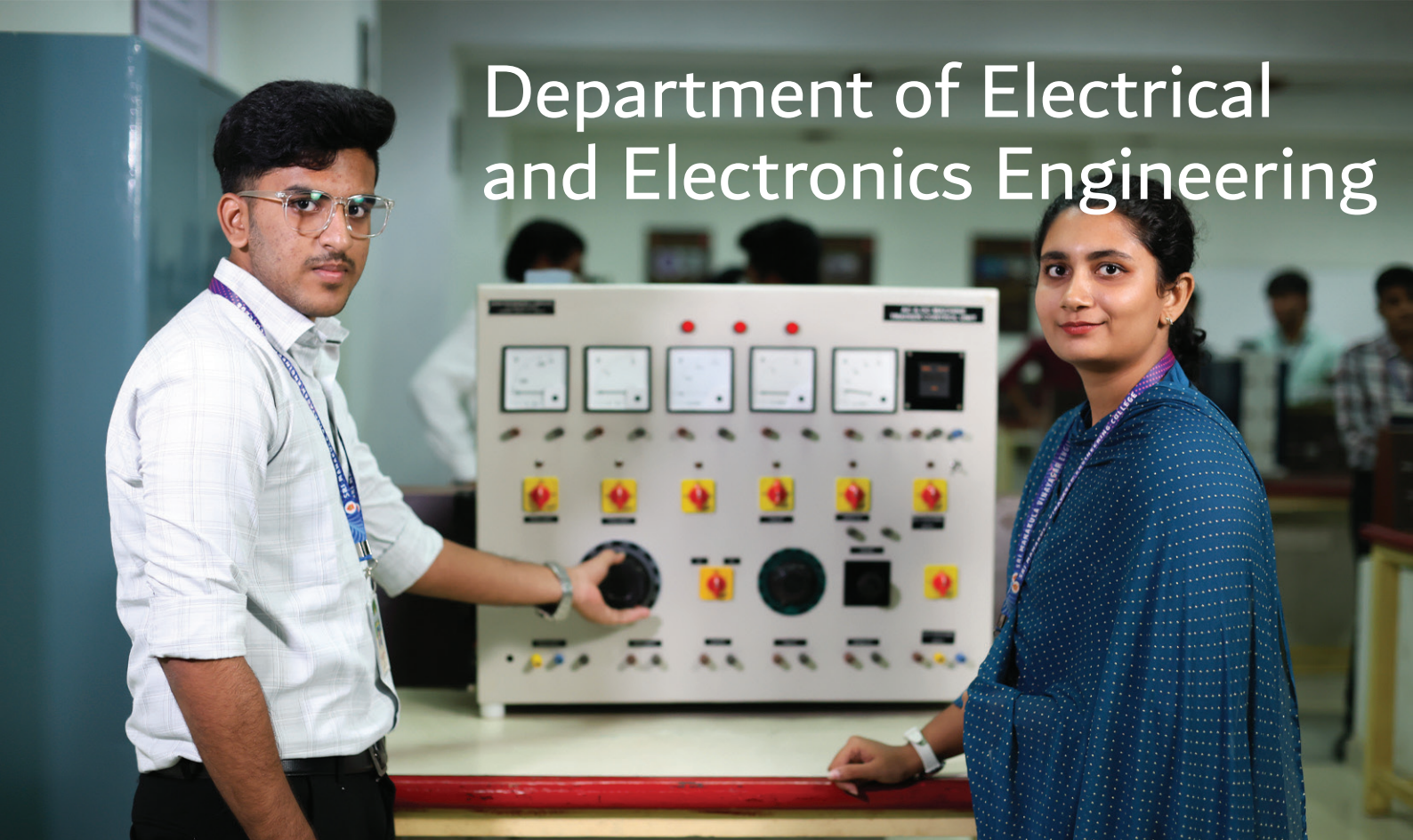
It was established in the year 1999. The department was bestowed with the status of a research center in the academic year 2021-2022, aiming to foster a research-oriented mindset among aspiring scholars.

Highlights

•The department is intense in providing updated curriculum by covering the emerging areas like Renewable Energy Systems, Embedded System, Electric Hybrid Vehicle Smart Grid, Industrial Automation & Control, Artificial Intelligence, etc.,

•The students are replenished with advanced international courses for enhancing their technical skills and programming abilities to get acquainted with new trends in technology and develop overall potential of the students in diversified aspects.

•Department has established Industry supported laboratories for the glorification of students.

• With the intent of instilling research approach among students, the department is heedful in Research & Development projects funded by government organizations such as DST, MHRD etc.

•In its augmentation, the department involves in collaborative research with industries such as Lucas - TVS Ltd, TVS

Training & services

Ltd, Kailash transformers, Pantech Pvt, Sree Rajeswari Intechs and coupled with its gradual proliferation.

Lab facilities

Our department has a boast of about 12 laboratories namely

The department is unique in its own ways by promoting excellence in Electrical and Electronics Engineering fulfilling its role in the era of new millennium and meets the needs & demands of various industrial sectors.

- Basic Wiring Lab
- Basic Electronics Lab,
- Electrical Machines Lab-I & II,
- Electronic Devices and Circuits Lab,
- Microprocessor&Microcontroller Lab,
- Measurement and control Lab,
- Power electronics Lab,
- Power system simulation Lab.
- Embedded system,
- Renewable Energy Lab, Industrial Automation Lab ,
- Electric Vehicle Lab and
- Power Electronics & Drives (M.Tech).

The Laboratory is armed with advanced equipment along with 4 channel Digital Storage Oscilloscopes,Power and harmonics analyzer Model PHA-5850 , DSP 28X series , IoT Kit, PLC Kit, FPGA kits , STM32 Kit,DC Rectifier (AC Input 30, 415V, & DC Output 220V, 200 A), MATLAB (2023) , LABVIEW, FEM, MAGNET, PROTEUS & MPLAB software to enhance the knowledge of the students at the industrial level

Department of Electronics and Communication Engineering

The Department of Electronics and Communication Engineering (ECE) was established in 1999 and is accredited by NBA. The department offers one undergraduate (UG) program B.Tech- Electronics and Communication Engineering, postgraduate (PG) programs M.Tech – Electronics and Communication Engineering and M.Tech – VLSI and Embedded Systems and Research program in Ph.D Electronics and Communication Engineering. The department boasts well-equipped laboratories with top-notch infrastructure, especially in areas such as Electronics, Communication, VLSI, Embedded Technology, and Internet of Things (IoT). Advanced simulation tools are employed to cater various specializations, facilitating measurement, characterization, and synthesis of both experimental and theoretical results.

The department has experienced and committed faculty members getting actively involved in research activities and are working on projects funded by government organizations such as SERB and AICTE. Fostering a comprehensive industry outlook, our students graduate with problem-solving proficiency and specialization in design and modelling. The focus of the department is to publish research papers only in WoS / Scopus indexed journals with high impact factors. The rise in the number of published patents also validates the quality research in ECE department.

The faculty and students are also associated with professional bodies like IEEE, IETE, ISTE and IE to enhance their research activities.

Further, the students of the department are encouraged to take up in-plant trainings, Internships and field projects at Industry.

Research Facilities

The Department of Electronics and Communication engages and encourages students in research activities by maintaining state-of-the-art equipment. Some notable apparatus includes Advanced Spectrum and Vector Analyzers (7.5 GHz with Tracking Generator), 4-Channel Digital Signal Oscilloscopes (100 MHz, 1 GS/s), Software Defined Radios, Optical Time Domain Reflectometer (OTDR), VLSI Development Board, Handheld Oscilloscopes (Analog Discovery 2), VIVADO 2014.4, PCBMATE-300W, and MATLAB.

Memorandum of Understanding

The Department of Electronics and Communication has signed 10 MoUs with industries to facilitate efficient interaction and ensure a continuous student learning process. The department has established associations with companies such as Microchip and Techvolt Software Private Limited, encouraging students to engage in joint ventures for organizing internship opportunities and providing practical training.

Extensive Student Development Program

We have designed a comprehensive education system that integrates industry-driven curricula with co-curricular and extracurricular activities, facilitates training placements, and embraces certification courses from Microsoft, Google, Amazon Web Services, ADOBE, CISCO, Texas Instruments, Autodesk Festo, IBM, ITS, NISM, Palo Alto, Tally and Unity. The department trains the students in centre of excellence by providing 90+ certification courses depending on the demands of the professional world, ensuring a complete education that combines theoretical knowledge with practical skills. Students are consistently encouraged to take up courses on NPTEL, Coursera, Udemy and other online platforms as a part of their curriculum.

Key Recruiters
- Microchip Technologies
- EmbedUR Systems
- KAAR Technologies
- Tata Consultancy Services (TCS)
- Zoho Corporation
- Accenture Private Limited
- Cognizant Technology Solutions (CTS)
- Wipro
- HCL Technologies
- FABC
- Virtusa Corporation
- Societe Generale
- Tech Mahindra Private Limited
- FORD
- Hexaware Technologies
- Data Patterns

Clubs

The Electronics and Communication Engineering department is dedicated to incorporate both technical expertise and a sense of social responsibility among students. To enhance their technical skills, we are conducting weekly activities through clubs focused on both technical and societal aspects. The Robotics and Elektor clubs organize hands-on workshops, guest lectures, and industry interactions to deepen students' technical knowledge.

The department also established a Societal Club, which not only enhances literacy among the uneducated but also provides assistance to those in need. As part of our commitment to community well-being, the National Service Scheme (NSS) activities, including campus and beach cleaning, are organized. These initiatives not only contribute to a cleaner society but also inculcate a habit of helping others among our students, nurturing a commitment to a cleaner and more compassionate livelihood.

Professional Student Chapters

The Electronics and Communication Engineering department takes pride in its affiliation with professional student chapters such as

Institute of Electrical and Electronics Engineers (IEEE)

Institution of Electronics and Telecommunication Engineers (IETE)

Indian Society for Technical Education (ISTE)

Institution of Engineers (India) - IE

Institute of Electrical and Electronics Engineers (IEEE)

These affiliations play a crucial role in keeping our students' level of the latest technological advancements

We achieve this by regularly organizing events such as inviting industry experts as resource persons, conducting conferences, paper presentations, and workshops. Through these activities, students gain valuable insights and skills, enabling them to tackle the challenges posed by the ever-evolving technologies with confidence.

Lab Facilities

Laboratory provides a dynamic and innovative environment for conducting experiments, research, and practical hands-on learning in the field of electronics. The list of various laboratories available are as follows

Electron Devices Laboratory

Digital Circuits Laboratory

Communication Systems Laboratory

Linear Integrated Circuits Laboratory

Computer Networks Laboratory

Wireless Communication Laboratory

Signal Processing Laboratory

Microcontroller Laboratory
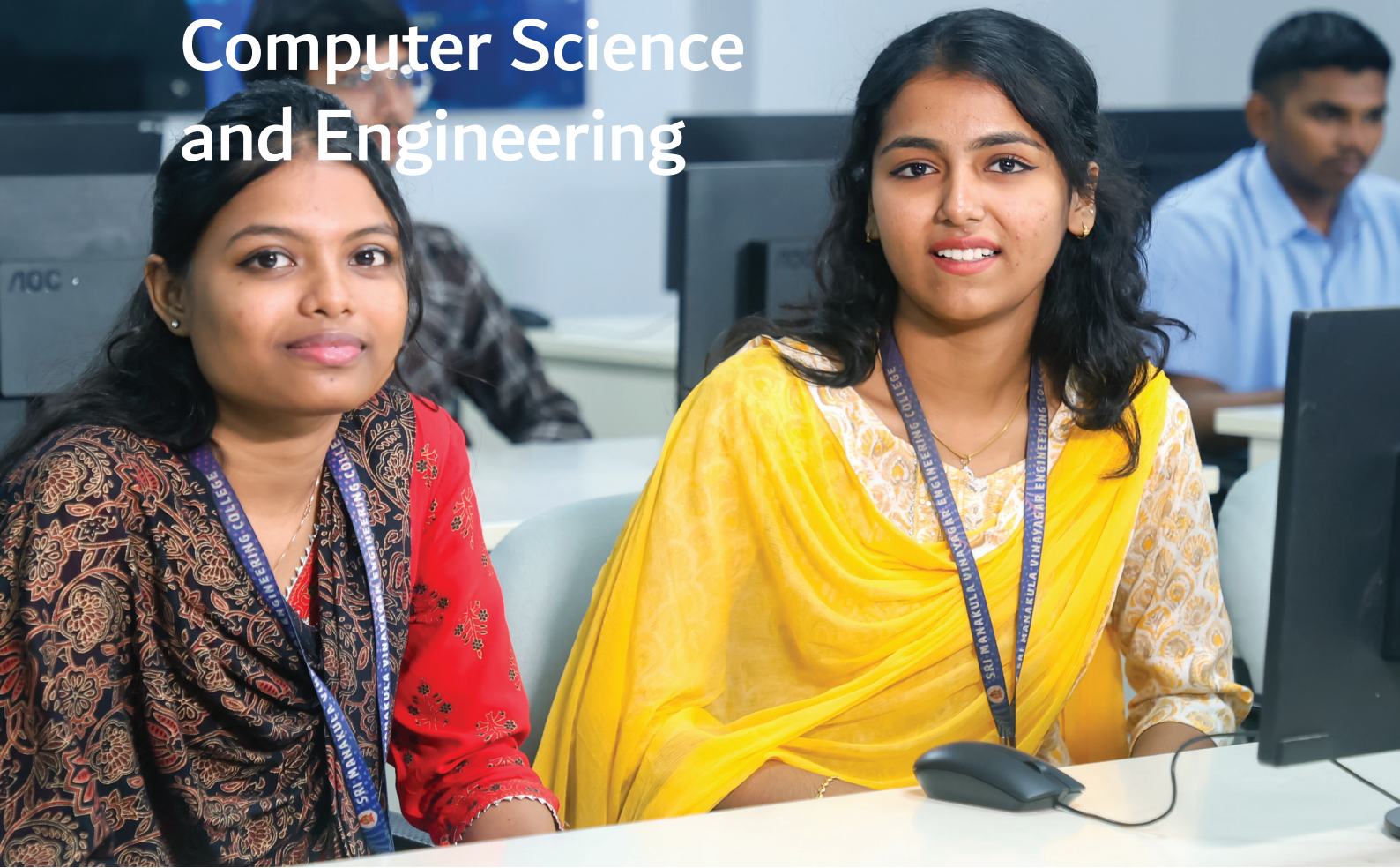
Internet of Things Laboratory

VLSI Design Laboratory

High Frequency Communication Laboratory

Research & Development Laboratory

Department of Computer Science and Engineering

Lab Facilities

Laboratory provides a dynamic and innovative environment for practising lab programs, and conducting research and hands-on learning in the field of Computer Science and Engineering. The list of various **laboratories available are as follows Computing Laboratory Artificial Intelligence Laboratory Software Engineering Laboratory Open-Source Software Laboratory**

Research Facilities

The Department of Computer Science and Engineering actively involves in research and the research facility aids as a dynamic hub of innovation and exploration. The Laboratories are equipped with high end Computers and Latest Software. The facility fosters a collaborative environment, encouraging interdisciplinary research and knowledge exchange among faculty, researchers, and students. State-of-the-art laboratories and specialized workspaces provide the necessary infrastructure for conducting experiments and developing solutions to complex computational challenges.

Memorandum of Understanding

The Department of Computer Science and Engineering has forged strategic partnerships by signing Memoranda of Understanding (MOUs) with various leading software companies including ABE intelligent groups and Great Learning enhancing collaboration between academia and industry. These agreements pave the way for joint research initiatives, internships, and knowledge exchange programs, fostering a symbiotic relationship. Through these MOUs, students gain valuable exposure to real-world challenges and industry practices, Ultimately, these collaborations solidify the department's commitment to staying at the forefront of technological advancements.

Extensive Student Development Program

The department is dedicated to student's growth and excellence, exemplified by its extensive Student Development Program. This initiative goes beyond academics, providing a holistic approach to nurture students' professional and personal skills. Through workshops, seminars, and certification courses from Microsoft, Google, Virtusa, Amazon Web Services, ADOBE, CISCO, Texas Instruments, Autodesk Festo, IBM, ITS, NISM, Palo Alto, Tally and Unity. The students are consistently encouraged to take up courses on NPTEL, Coursera, Great learning and other online platforms as a part of their curriculum.

Clubs

The Department of Computer Science and Engineering hosts various clubs catering to diverse interests. The Techknocks provides a platform for enthusiasts to enhance their programming skills through collaborative projects and coding competitions.The Artificial Intelligence Club delves into cutting-edge technologies, fostering discussions and hands-on exploration of artificial intelligence concepts. Debugging offers a space for students to delve into the world of fixing bugs through various workshops and simulations. Through these clubs, the department creates a dynamic ecosystem that encourages both specialization and interdisciplinary collaboration among students.

Professional Student Chapters

The computer science department maintains strong affiliations with reputable professional bodies, fostering a connection between academia and industry standards. Collaborations with organiza-

through various workshops and simulations. Through these clubs, the department creates a dynamic ecosystem that encourages both specialization and interdisciplinary collaboration among students.

Professional Student Chapters

The computer science department maintains strong affiliations with reputable professional bodies, fostering a connection between academia and industry standards. Collaborations with organizations such as

The Institution of Engineers (India),

Indian Society for Technical Education (ISTE)

The Institute of Electrical and Electronics Engineers (IEEE) provide students

and faculty access to cutting-edge research, conferences, and industry best practices.

Achievements

• Eniyanilavan. R, Gautham. A, Eathindhar .M, Hemachandran. S have won Cash Prize 1,25,000/- and internship in the Unisys Cloud organized by Unisys, Bangalore.

• Yogeshwar Madhavane, Andrew Akhash, Sri Krishna have won a cash prize of Rs 75,000/- in the Think a Hack event organized by UI Path.

• Navin. M, Barathraj. S have won a cash prize of Rs.3,00,000/- in the INFRAMIND event organized by TCS-IT.

• Harish Kumar S, Hemesh D, Suryaprakash P won 3rd place in the South Zone Shooting Ball Championship conducted by Andhara Pradesh Shooting Ball Championship.

• Daivik M won a cash prize of Rs. 27,000/- in the HADTAL Automation Robotic Challenge conducted by Hindustan Institute of Technology And science.

• Sarath S won a cash prize of Rs. 20,000/- as the Best Ongoing Student award in the event conducted by PEGA University Program.

• Kalaiarasan S and Prabhakaran S won a cash prize of Rs. 7,000/- in the Innovator's Day Project Contest organised by Sri Manakula Vinayagar Engineering College.

• Selvadharshini RS, Thananya M, Dhyaneshvar M, Kudupudi Chakradhar won Internship Offers in the Unisys Innovation Program (UIP) conducted by Unisys, Bangalore.

• Aswathaman R, Kalaiarasan S, Sakthi R, Mathew Samuel won a cash reward of Rs.50,000/- in the AICTE IDEA LAB 48 Hour Nationwide Hackathon organised by Gokaraju Rangaraju Institute of Engineering and Technology.

The **D**epartment of Computer Science and Engineering was established in the year 1999 with an intake of 60 students. In nearly two and a half decades, it has grown into one of the major department in Sri Manakula Vinayagar Engineering College, with a intake of 180 and a dedicated team of 50+ experienced and qualified faculty members demonstrating excellence in the ever-evolving field of computer science and engineering. Presently, the department offers Bachelor of Technology (B.Tech) in Computer Science and Engineering, Master of Technology (M.Tech) in Computer Science Engineering and M.Tech in Computer Science and Engineering (Big Data Analytics). The department also offers Ph.D programmes in Thrust areas.The department takes pride in offering a comprehensive curriculum that combines theoretical knowledge with hands-on practical experience.

The curriculum is designed to instill a strong foundation in core computer science concepts, programming languages, algorithms, data structures, and system design. The state-of-the-art laboratories equipped with modern computing infrastructure provide students with the ideal setting to apply theoretical concepts to real-world problems. We encourage a culture of exploration and critical thinking, promoting research initiatives and collaborative projects among students. Our department has consistently achieved remarkable milestones, both in terms of academic accomplishments and research contributions. Several faculty members and students have published research papers in prestigious international journals and presented their findings at conferences. The department is committed to nurturing talent, fostering innovation, and preparing students to become industry ready professionals

Our faculty, comprising seasoned academics and industry experts, are committed to providing a cutting-edge education that aligns with the latest industry trends and technological advancements.

• Hemaprakash Raghu won a cash prize of Rs. 1,50,000/- and a Digital offer through INFRAMIND contest conducted by TCS

• Lokeswaran J, Subash N, Nasreen Banu A.K, Nishintha B won a cash prize of Rs.1,00,000/- in the UNISYS CLOUD organized by Unisys.

• Dharakewary G, Ramya.R, Kaviya P won a cash prize of $5000/- in the SUPERHERO U 2021 and bagged Internship Offers in the International Level Event

• R.Anu Karthika and K.Swetha won a cash prize of Rs. 1,00,000 and job offers in the INFRAMIND contest conducted by TCS.

• Eniyanilavan. R, Muralitharan, Ranjith kumar. H, Mohanraj.S won Internship and Job Offers in CLIQTRIX event organised by ZOHO

Department of Information Technology

It is a prodigious domain for students to learn technical skills. It has a strong reputation for producing highly skilled professionals to meet the demand of the IT industry. The department's objective is to provide students with a high-quality education that will help them to have strong foundation in software development, cyber security, database management, network administration, and more. In addition to teaching technical skills, the department also focuses on student's softskills, such as communication and team work, leadership qualities, etc. The department has experienced and committed faculty members who seamlessly weave their teaching and research efforts together for the benefit of the students. The department also offers a variety of add-on courses that allow students to specialize in their chosen areas of interest. The department is committed to stay update with the latest technologies and industry trends. The department also invites corporate leaders and experienced academics to give exposure to the students to be aware of the recent trends.

Academics
• Industry 4.0 aligned curriculum to help students to gain deep digital insights.

• Credits for internship, Student Abroad (summer/winter programs), online courses like NPTEL etc.

• Continuous Evaluation to help students to gain complete mastery of the courses
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• Lab Integrated Theory courses to facilitate acquisition of critical problem-solving skills
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Lab Facilities
• Well established laboratories with high end computer hardware and software to augment the skills of the students.

Highlights
• The IT department owns the marvellous feat of bagging the gold medal consecutively since 2003.

• A total of 152 students secured placement from the department of IT, inclusive of 120 solo offers and 32 dual offers. The highest offer of Rs.12 lakhs (FABC) was provided to 3 students and 65 offers surpassed with Rs.4.5 lakhs
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• The department continues to nurture bright minds and foster academic excellence, we take immense pride in the achievements of our alumni who are pursuing higher studies at esteemed foreign universities across the globe such as Queen Mary University of London, Royal Holloway University of London, Paris Institute of Digital Technology (France), Conestoga College Institute of Technology and Advanced Learning (Canada), Bournemouth University, Public university in Poole (England), BTU Cottbus-Senftenberg (Germany) etc.

• Adding another feather to the cap, Students of IT department secured winner and runner position in Jatayu Open Innovation contest organized by Virtusa, Chennai, 2022. The department organised 24 hours Hackathon titled "Hacklite 2024".

• With a strong team, effective strategies, and a commitment to achieving success, the department develops interest among the students to participate in national level contest organised by Multinational companies by imparting latest trends, technologies,

The department adopts strategic approach in teaching-learning process producing

95%

and above results in academics and obtaining university gold medals and ranks consistently.

Department of Instrumentation and Control Engineering

Vision : To provide quality education, training and research in the area of Instrumentation and Control Engineering to meet the industrial and societal needs with ethical values.
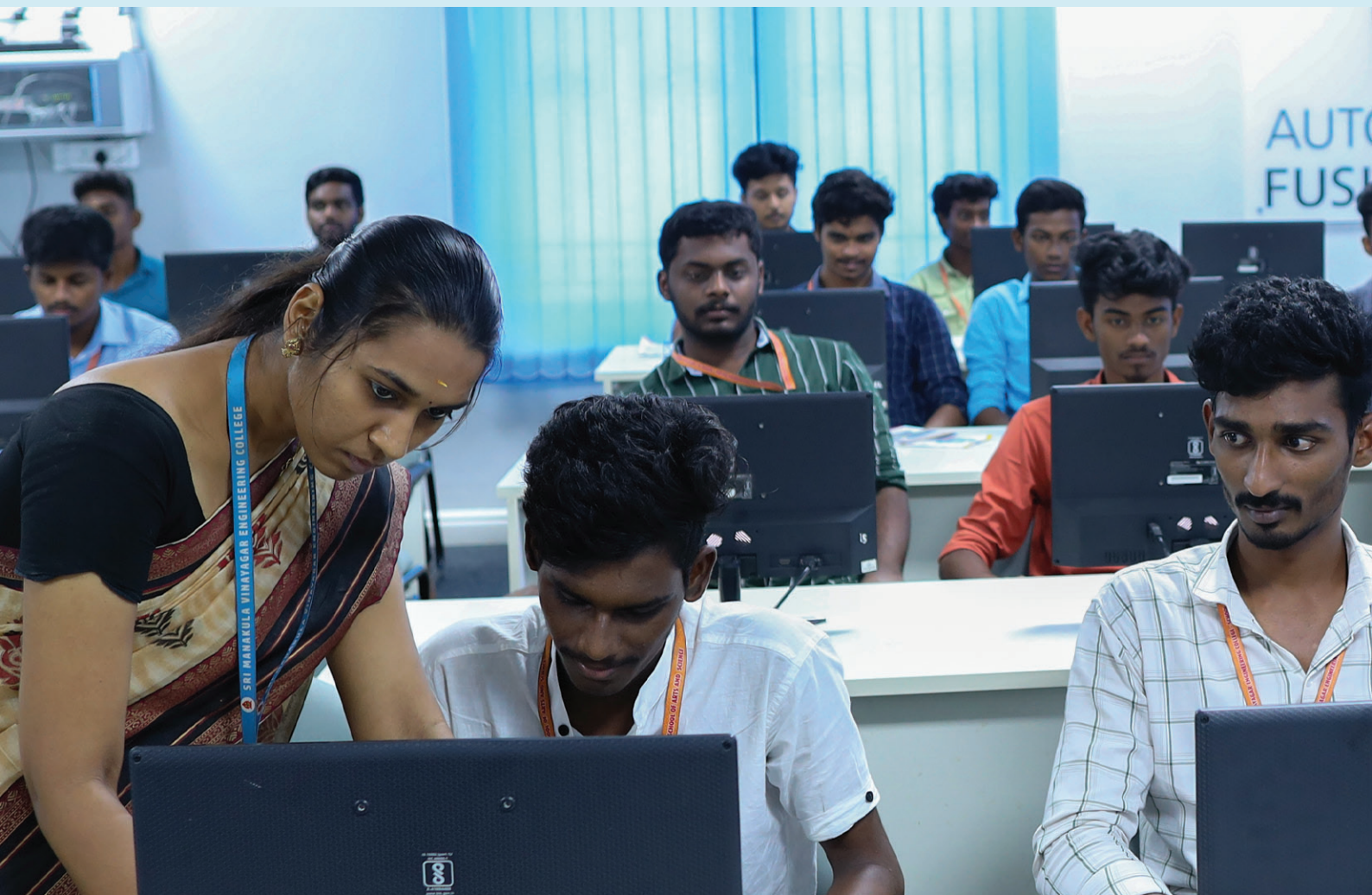
Established in 2002, has achieved a prestigious honour: a second time accreditation from the National Board of Accreditation (NBA). This accreditation signifies the program's commitment to academic excellence and adherence to rigorous international standards. Led by a distinguished faculty renowned for their expertise and research contributions, the department fosters a nurturing environment where students receive personalized attention, enabling them to reach their full potential.

The program boasts distinguished alumni who are shaping the future of industry and technology. From leading international automation companies to renowned IT giants like TCS, CTS, Wipro, Accenture, Zoho, and Microchip, our graduates command positions of leadership and impact.

The meticulously designed curriculum balances computer science, electronics, electrical engineering, instrumentation, measurement, and automation subjects. Practical learning is emphasized through integrated laboratories in every semester. Additionally, students enjoy the flexibility to choose electives – professional and open options – aligning their education with their aspirations. Beyond the core curriculum, students can pursue certifications offered by tech giants like Google, Microsoft, and Cisco. Skill development is further nurtured through technical seminars, career workshops, and hands-on sessions with electronics equipment, and calibration training for measuring instruments.

Our students consistently demonstrate excellence in extracurricular activities, winning awards at paper presentations, project competitions, and various events.

Lab Facilities

The Instrumentation and Control Engineering department boasts a range of state-of-the-art laboratories, each meticulously designed to equip you with the practical skills and hands-on experience vital for success in your chosen field. Let's embark on a virtual tour of these facilities, delving into their unique offerings:

Process Control Lab

Mastering Process Dynamics: Explore the intricacies of industrial processes like temperature, pressure, flow, and level control. Analyze their dynamic behavior and manipulate them to achieve desired outcomes through hands-on practice with sophisticated equipment.

Process Automation Lab

Unleashing the Power of Automation: Step into the world of automated processes, utilizing actuators, valves, and sensors to create intelligent systems. Configure and program PLCs to automate various tasks, optimizing efficiency and safety.

Sensors & Transducers Lab

Unveiling the Invisible: Discover the fascinating world of sensors and transducers, the eyes and ears of automation systems. Explore their operating principles, calibrate them for accuracy, and analyze their outputs.

Electronics Devices and Circuits Lab

Building the Foundations: Master the fundamentals of electronic circuits, constructing and analyzing them on breadboards and simulators. Discover the behavior of various electronic components like resistors, capacitors, transistors, and operational amplifiers.

Simulation Lab

Virtually Yours: Utilize powerful simulation software to model and analyze complex control systems, testing configurations and designs before implementation. Explore virtual environments replicating real-world processes, gaining valuable insights without actual hardware limitations.

Research Facilities

The Instrumentation and Control Engineering department boasts a cutting-edge research infrastructure, empowering students and faculty to delve into the frontiers of the field. Let's explore some of our key facilities:

Software Tools

Lab VIEW : Master graphical programming for data acquisition, instrument control, and user interface design, essential for real-world applications.

MATLAB : Analyze complex data, develop control algorithms, and visualize results using this industry-standard platform. Keil: Dive into embedded systems programming, creating software for microcontrollers used in control systems. Proteus: Design and simulate electronic circuits virtually, prototyping and testing ideas before physical implementation.

Hardware Platforms

GE Fanuc PLC: Gain hands-on experience with a leading Programmable Logic Controller (PLC) brand, widely used in industrial automation.

Fueled by passion and a thirst for challenge, students from the Department of Instrumentation and Control Engineering are making their mark across diverse competitions
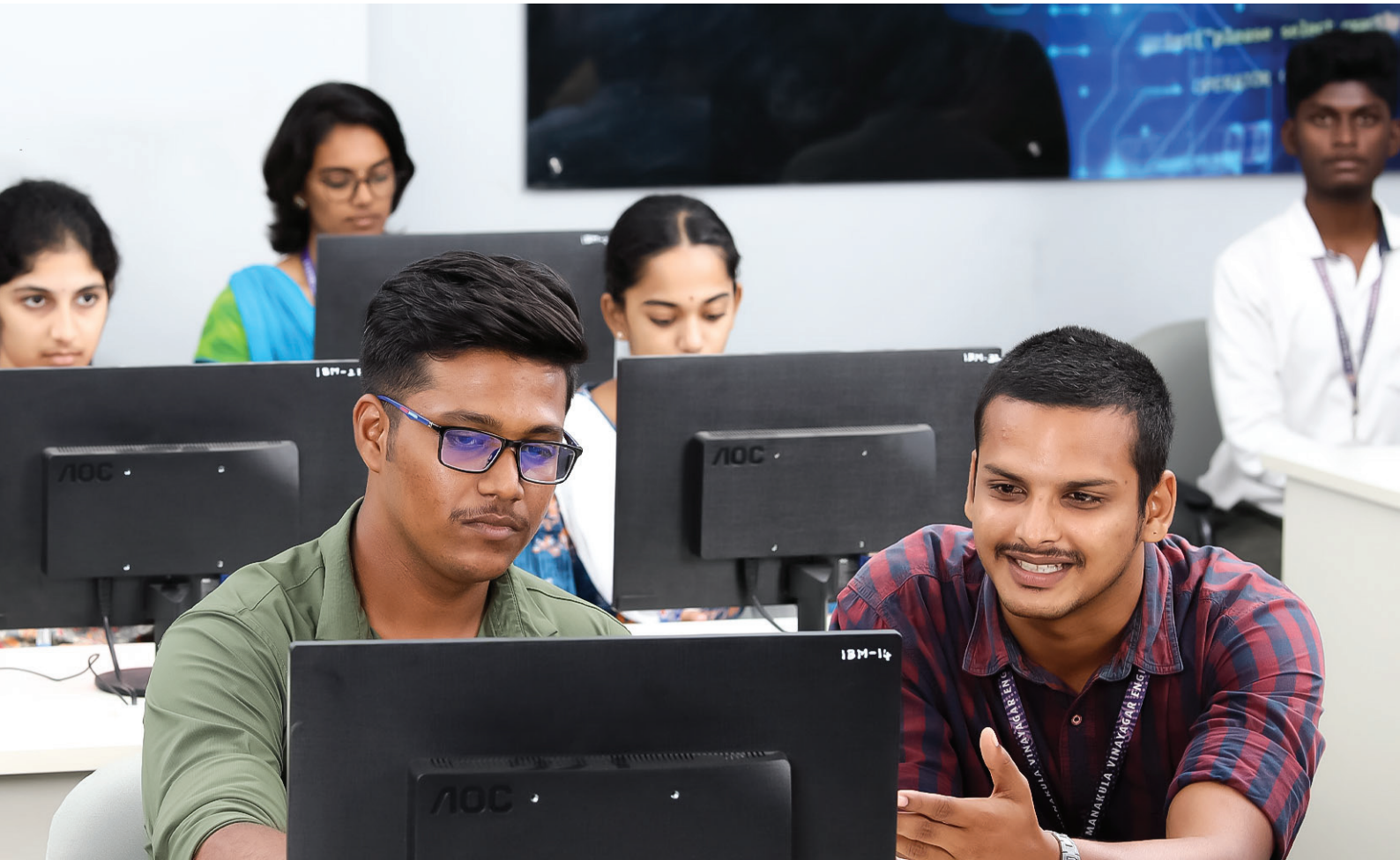
Dead Weight Tester: Calibrate pressure gauges and transmitters with high accuracy using this sophisticated instrument.

Non-interacting Tanks: Experiment with level control systems in a simulated environment, understanding dynamics and designing effective controllers.

Control Valve Characteristics with Valve Positioner: Analyze the behavior of control valves and the impact of positioners on their performance.

PLC Real-time Application Trainer: Develop and test PLC programs for real-world applications in a controlled environment.

UV vs Digital Spectrophotometer: Compare the capabilities of these two types of spectrophotometers, used for various analytical applications.

Memorandum of Understanding(MOUs)

The department is proud to announce the signing of Memoranda of Understanding (MoUs) with several leading companies in the field: BEN LAB, ARMADA, CHEMIN C&I pvt ltd, BISTATE, Technocrat Automation, and Emerald Automation. These strategic partnerships signify our commitment to providing students with the most up-to-date industry knowledge, practical experience, and enhanced career opportunities.

Professional Student Chapters

Professional student chapters, like ISTE(Indian Society for Technical Education) and IEI (Institution of Engineers), play a crucial role in bridging the gap between academic learning and the professional world for engineering students.

Student Achievements

Fueled by passion and a thirst for challenge, students from the Department of Instrumentation and Control Engineering are making their mark across diverse competitions. Their talents and skills are on display, ranging from the intellectual battlegrounds of hackathons and paper presentations to the thrilling world of athletics and the captivating platform of public speaking. Every event ignites their enthusiasm, showcasing their well-rounded abilities and diverse interests.

Clubs

The realm of Instrumentation and Control Engineering (ICE) pulsates with innovation and practical application. At the forefront of this dynamism lie two student clubs fostering knowledge, skill development, and a spirit of camaraderie: the ICON Club and the Automate the Future Club.

Placements

Our program equips the students with the knowledge and skill to design, develop, install and maintain sophisticated control systems across diverse industries. Our recruiters include Yokogawa, Texas Instruments, Forbes Marshall, Microchip Technologies, EmbedUR Systems, East Coast Natural Gas cooperation, Tata Consultancy Services (TCS), Zoho Corporation, Accenture, Cognizant, Wipro, HCL Technologies, Virtusa, Societe Generale, Tech Mahindra, Ford and Hexaware Technologies, showcasing the wide range of industries seeking ICE graduates.

Department of Mechanical Engineering

About

The department of Mechanical Engineering was established with B.Tech Programme in the year 2008, Post graduate Programme (PG) in the year 2013, and Doctor of Philosophy (Ph.D) in the year 2016. Our department is distinguished by state-of-the-art laboratories and outstanding infrastructure meticulously crafted to meet industry standards, overseen by a team of experienced and dedicated faculty members.

Highlights

• In our department, we have faculty strength of 40 in that 12 completed their Ph.D with average teaching experience of 15 years.

• Our distinguished faculty members are renowned for their expertise across diverse specializations, including Product Design and Development, Composite Materials, Nano Technology, Thermal Engineering, Energy Technology, and Manufacturing Technology.

• Our students have demonstrated remarkable prowess, reaching the finals in prestigious national competitions such as the Smart India Hackathon, organized by AICTE-MHRD, and Techgium, conducted by L&T Technology Services.

• To augment practical learning, we organize workshops on progressive topics such as Drone Technology, Electronics Troubleshooting, and Automobiles Troubleshooting, providing hands-on experience and fostering critical problem-solving skills.

•Department students are passionate in developing society oriented projects like Pineapple peeler, Pomegranate extractor, groundnut harvester, Smart Weed Remover, Automatic Coconut Husk Remover, Organic rice huller, Brick Making Machine, Garlic peeler, Automatic fish scalesremover.

•The department received a grant of **Rs.6.25 lakhs from MSME, Government of India and Rs 50,000 funded** received from Institution of Engineers for the student's project.

• The department has received **30 design patents and 8 product patents have been filed.**

• The department has established the **AICTE-MODROB lab for Rs.14 lakhs.**

Achievements

• Our students have excelled with Eight Gold Medals and 50 top ten ranks since the inception of our department. With tailored career guidance and placement training, we consistently achieve a 90% placement rate for eligible students.

• In prestigious competitions like Texas Instruments, in collaboration with the Department of Science and Technology (DST) and powered by AICTE, our students reached the finals and secured 5 lakhs in project funding. Another group triumphed in Engine X, a TCS event, winning 1 lakh in funding and coveted job opportunities.

• Furthermore, our students have demonstrated their talent and ingenuity in various robotic events organized by renowned institutions such as IITs, NITs, IISc, and IIST.

Pinnacle of Excellence

• In 2023, Mr. Sainnath, a standout third-year student, was awarded the prestigious Best Student Award by the Society of Automobile Engineers India (SAE INDIA).

Club Activity

• We spearheaded the establishment of the Robotics Club, SAE Club, Health & Yoga Club, and Product Development Club.

Lab facilities

Our research facilities include top-of-the-line equipment such as the

| G3D Thunder Pro Printing Machine |
| FSA Computer Controlled Universal Testing Machine (20kN) |
| Vacuum Assisted Resin Transfer Molding (VARTM) Machine |
| Digital Fatigue Testing Machine |
| Micro Vickers Hardness Tester (Model: HVD 1000) |

providing unparalleled opportunities for exploration and discovery.

Department of Civil Engineering

Civil Engineering is the art of directing the great sources of power in nature for the use and convenience of mankind.

Civil engineering is the oldest discipline after military engineering which is engrossing the civilization world.

Civil engineering is a professional engineering discipline that deals with the design, construction and maintenance of the physical and naturally built environment.

The several sub-disciplines of civil engineering are environmental engineering, geotechnical engineering, geophysics, geodesy, control engineering, structural engineering, transportation engineering, earth science, atmospheric sciences, forensic engineering, municipal or urban engineering, water resources engineering, materials engineering, offshore engineering, quantity surveying, coastal engineering, surveying, and construction engineering.

Civil engineering has the multi-dimensional sphere in the public sector from municipal to national government, and in the private sector from individual home-owners to international companies.

Civil engineering department which has relevance and importance in all walks of human life came into existence in this institution from the academic year 2012-13.

List of Laboratories

- Civil Engineering Building Planning and Drafting
- Civil Engineering Practice Laboratory
- Fluid Mechanics and Machines Laboratory
- Strength of Materials Laboratory
- Surveying Laboratory
- Concrete Engineering Laboratory
- Geotechnical Engineering Laboratory
- Modeling and Analysis Laboratory
- Sensors Applications in Civil Engineering Laboratory
- REVIT Architecture
- Transportation Engineering Laboratory
- Environmental Engineering Laboratory

MOU (Memorandum of Understanding)

The Ramco Cements Limited, Chennai │ Sanvir Associates, Chennai

DMS Inefra, Puducherry │ National Highways Authority of India

Achievements

• Two Students from our department has achieved the distinction of being the gold medalist at Pondicherry University.

• Our department received the " Outstanding ICI student Chapter Award" from Indian Concrete Institute, Puducherry centre, for the Fourth consecutive year.

Department of Biomedical Engineering

The Department of Biomedical Engineering (BME) established in the academic year 2019-2020, has swiftly become a cornerstone of excellence within the healthcare system. With an initial intake of augmented enrolment, our department vision is to provide quality education in Biomedical Engineering focussed on promoting continuous enrichment in the relevant research field and innovations in medical diagnosis.

BME department concentrate on advanced health care diagnosis with well established infrastructure facilities and experienced faculties with specialization in Biomedical fields.Our focus extends beyond the classroom with industry leaders, preparing our students to emerge as trailblazers in the field of biomedical engineering.

Highlights
Biomedical Engineering Department offers a dynamic curriculum integrating Electronics, Biomedical, and Computer disciplines with innovative technologies.

• Professional Elective Courses cover a wide area of specializations including

**Biomedical Instruments | Biomedical Technology
Hospital Management | Electronics Technology
Biomedical Applications**

Future scope :
To explore diverse career paths, Biomedical Engineering students can specialize in areas such as

•**Clinical Engineering**

•**Rehabilitation Engineering**

•**Bio signal and Image Processing**

•**Wearable Systems**

•**Bioinformatics and**

•Issue Engineering with diverse career opportunities in the dynamic field of healthcare technology

2nd prize at the prestigious ICT Academy YOUTHTALK 2022 Regional Finals.

• Practical hospital training in the third year provides hands-on experience with medical equipment.

• Value-added courses aligned with the National Education Policy are integrated into the curriculum enriching student learning experiences.

• BME offers Certification courses in Android Medical App Development, Biomedical Device Design, Embedded Systems, Machine Learning, Medical Diagnosis, and Medical Robotics offer exposure to the latest advancements in the field.

• Strategic MoUs with Biomedical industries facilitate industrial visits, guest lectures, workshops, internships, and placement opportunities for students and faculties.

Laboratory Facilities

BME department has well-equipped laboratory facilities to gain practical experience in

- Human Physiology and Biochemistry
- Pathology and Microbiology
- Electron Devices and Circuits
- Biosensors and Transducers
- Linear and Digital Integrated Circuits
- Biomedical Instrumentation
- Microcontroller and its Medical applications
- Embedded Systems for Health Care
- Diagnostic and Therapeutic Equipment
- Medical Internet of Things
- Bio signal and Medical Image Processing and
- Bioprinting Research Laboratory

Biomedical Engineering cultivates roles in research, entrepreneurship, and healthcare professions.

Achievements

• As Celebrating Excellence our student showcased their exceptional talent by clinching the 2nd prize at the prestigious ICT Academy YOUTHTALK 2022 Regional Finals.

• Innovation at its Finest our students secured a coveted position among the top 5 teams, earning a cash prize of Rs.10,000/- at the esteemed CII Innovation Contest 2022 hosted by CII Puducherry.

• By Championing Scientific Endeavours , our students showcased their prowess by clinching the 3rd prize at the National Science Day Project Contest SCIMIT'24, conducted by Manakula Vinayagar Institute of Technology.

Students are placed in reputed core companies Zifo, Healthwatch Tele diagnosis Pvt.Ltd, Episource etc….and also in software companies.

Department of Mechatronics

The Department of Mechatronics stands at the intersection of mechanical, electronics, computer science, instrumentation and control engineering fields, offering a dynamic and interdisciplinary approach to solving complex engineering challenges.

Mechatronics is a field that pioneers' innovations in automation, robotics, drones and smart technologies.

This department serves as a crucial for cultivating a new generation of engineers' adept at designing and implementing intelligent systems that seamlessly blend mechanics and electronics.

Our students consistently manifest their ingenuity and technical acumen through a myriad of ground-breaking projects.

Unique Strengths
• Active participation of students in various technical and non-technical events.
• Innovation and skill development through different student technical clubs which include RoboTecX Club (Robotics and Automation Club), Drone Mavericks Club and ShapeMakers Club (3D Printing Club).
• International Certification Courses from top firms such as Google, Microsoft, Festo, AutoDesk, Cisco, Texas Instruments, etc. are provided through TrainLAB Academy.
• Placements through Industry internships.
• Well-equipped laboratories.

Areas of Expertise
Mechatronics Systems : The department has expertise in wide range of mechatronics domain and possess some of the most exquisite labs with industrial grade equipment / devices covering domains like sensors, electrical drives, system design, embedded systems, robotics, microcontrollers, industrial hydraulics and pneumatics.

Industry 4.0 led Manufacturing Systems : The department is developing expertise in current trends in manufacturing like 3D Printing, MEMS, Micromachining, Digital Manufacturing and IIOT.

Robotics : The department has expertise and infrastructural support in robotics and its relevant areas of applications.

Industrial Automation : The department covers many industrial automation essential areas such as PLCs, Hydraulic and Pneumatics and Automated Manufacturing Processing Systems and Image Processing etc.,

Opportunities
• Upon completing the B. Tech in Mechatronics at SMVEC, graduates are eligible for employable opportunities in diverse industries including automobile manufacturing, product development, robotics, aerospace, defence, bio-medical instrumentation, mining industries, groups. government/public sectors and research groups.

Developing expertise in current trends in manufacturing

• In Electronics and Mechanical manufacturing industries, high demand for Mechatronics engineers in the field of designing, implementing and operating internet control of machines and autonomous robotics

• As industries integrate advancements in computers, electronics, drones, 3D printing, sensors and actuators, the demand for Mechatronics Engineers is poised to rise, solidifying their role as vital contributors to market competitiveness.

•In the professional realm, Mechatronics graduates embark on a journey that explores the synergies between traditional engineering disciplines, fostering creativity and expertise in the development of cutting-edge technologies that define the future of automation, robotics and drone technologies.

Department of Computer Science and Engineering and Business Systems

Computer Science and engineering and Business Systems (CSBS) is an academic initiative of an industry giant TCS. This course fosters the students with enriched computer science knowledge blended with Business principles that enable them to become technically skilled engineers and creative entrepreneurs. The focal point of this program is to make the students learn contemporary technologies with hands on practice

Highlights

•Frontier Institution in the Puducherry region to sign MoU with Tata Consultancy Services Ltd (TCS) in the year 2020 to offer this exclusive program

•Industry ready curriculum with a blend of Computer Science and Business systems designed by Tata Consultancy Services (TCS) in collaboration with leading academic institutes

•Boasts training towards Contemporary Technology and its Abstraction

•Fosters major advancement towards Business Discipline and Service Orientation

Achievements

•Our Student Subash Raj M has won 2nd prize with cash award of Rs.50,000 in HACK2LEAP organised by SRM, Chennai

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•Our Student Logesh. S was part of the Chennai Heat team that won first place in the overall tournament with a cash prize of 10 lakhs in the Basketball Federation of India

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•Our second year students won first place with cash prize in the Pot Pourri event organized by Pondicherry Technological University

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•Our third and final year students won 7th and 8th

position in the inter-college Chess Tournament, Puducherry

•Our Student Darshanth V has secured third place in Code Chef competition Phronesis organized by SIMATS School of Engineering, Chennai

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Industry ready curriculum designed by TCS

Department of Computer and Communication Engineering

About

The Department of Computer and Communication Engineering, established in 2020, offers a B.Tech program in Computer and Communication Engineering. It is a blended Programme focusing on expertise in Computer Science (Software Development) and Electronics Communication with special emphasize on mobile communication and computing. This multidisciplinary program meets current placement needs, featuring technology courses in Communication and Software fields, preparing students for roles in software engineering, mobile app development, and beyond.As a hub for technological advancement, our department places a strong emphasis on research and innovation, contributing significantly to the fields of computer science and communication engineering. Our collaborative efforts with industry partners create opportunities for real-world application, ensuring the graduates are well-equipped for the dynamic demands of the tech industry.

Highlights

Our Department signed MOU with VPS Codebuilders to implement various skill development initiatives to enhance the knowledge, skills, and career prospects of the students.

•Our academic offerings include a distinguished B.Tech program in Computer and Communication Engineering Honours on

Cybersecurity. Within the Honours degree, students delve into subjects such as Cyber Laws and Vulnerabilities, Digital Forensic, Malware Analysis and Reverse Engineering, Embedded Systems, IoT, and Cloud Security, as well as the intricacies of Ethical Hacking.

• Students have the opportunity to select and complete six International Certification Courses out of 90+ Associate level Certification Courses. The Present CCE students Completed Web programming-I (Microsoft), Web programming-II (Certiport), IoT Fundamental (Cisco), CCNA: Introduction to Networks (Cisco), Cybersecurity (Cisco), and DP 900 - Azure Micros

•16 students from the Batch 2020-2024 has completed the Wipro TalentNext certificate course on Java Full Stack during the period May to September in the year 2023 and 37 students from the Batch 2020-2024 has successfully completed the Microsoft certified Azure Fundamentals course.

Lab facilities

The lab infrastructure promotes collaboration across disciplines, allowing students to work on interdisciplinary projects that integrate computer and communication engineering with other fields, fostering a holistic approach to problem-solving.The Department has well established laboratories:

Programming Laboratory

Networking Laboratory

Digital Electronics Laboratory

Communication and Wireless Communication Laboratory

Cloud Computing

Artificial Intelligence Laboratory

Club activities

The department oversees several student clubs, including Code Crackers, Talent Hunt, and Brainstorming, each curated to serve as a sophisticated platform for interdisciplinary technical pursuits, encompassing the refinement of programming acumen, adept problem-solving in aptitude, and the presentation of innovative ideations.

Opportunities

•The Computer and Communication Engineering department provides abundant opportunities in renowned IT and product-based sectors such as Google, Microsoft, Oracle, IBM, CTS, Cisco, Intel, Samsung, Honeywell, Deloitte, Infosys, Wipro, HCL, ZOHO, Hexaware, Embed URL, Mbit Wireless, TCS, L&T, KAAR, and Accenture, offering diverse career paths for its graduates.

•Graduates with an entrepreneurial spirit can explore opportunities in starting their ventures, developing innovative solutions, and contributing to the startup ecosystem.

•Students are highly motivated to carry internship and pursue NPTEL courses. All the students completed minimum two weeks internship and one NPTEL course

•Present 2020-2024 batch students got offer in Hexaware pvt Ltd, Accenture, Virtusa, Support Studio Technologies, Infinity, TCS etc..

Achievements

• Our second year student achieved a remarkable feat by securing bronze medal in state level participation in Tanding and secured silver medal in 5th state level Pencak Silat Championship.

• Moreover, our second-year students have attained eminence by clinching the esteemed 1st prize, accompanied by a cash award, in the Paper Presentation category at a nationally recognized inter-collegiate symposium hosted by Puducherry Technological University.

competitive annual packages ranging from ₹6 lakhs

•Students are highly motivated to carry internship and pursue NPTEL courses. All the students completed minimum two weeks internship and one NPTEL course

•Present 2020-2024 batch students got offer in Hexaware pvt Ltd, Accenture, Virtusa, Support Studio Technologies, Infinity, TCS etc..

Department of Artificial Intelligence and Data Science

The Department of Artificial Intelligence and Data Science is at the forefront of research and education in the rapidly advancing fields. Artificial Intelligence (AI) refers to the ability of machines to perform tasks that normally require human intelligence, such as visual perception, speech recognition, and decision-making. Data Science applies Statistics, Computer Programming, and Domain Expertise to extract insights from large, and complex datasets.

Highlights

o Better insight into core technologies such as artificial intelligence, data mining , data modelling and intensive inputs in areas of machine learning and big data analytics.

o To acquire cross disciplinary skills such as statistics mathematical reasoning, machine learning, knowledge discovery, and visualization skills.

o Curriculum framed by experts which strongly emphasizes on industry internship, projects, and entrepreneurship.

o Apart from providing a prospective career as technical experts in industries, we believe in our curriculum which leads to entrepreneurs launching their own startups.

Lab Facilities

The exceptional lab facilities in our department serve as a catalyst for groundbreaking research and development, empowering students to push the boundaries of AI and Data Science technology and contribute to the advancement of the field.

AI ENGINEER	DATA SCIENTIST	DATA ANALYST
BUSINESS ANALYST	ML SPECIALIST	BIG DATA ANALYST
BI DEVELOPER	PYTHON PROGRAMMER	NLP ENGINEER

Achievements

.AI&DS students have brought honor to Puducherry by emerging victorious in the Kore.ai Hackathon for three consecutive years (2021, 2022 & 2023), securing a cash prize of 10 Lakhs and also got 21 Offers.

.Our student emerged as the winner of Virtusa Jatayu 2023, securing a cash prize of 80,000 and receiving 5 Internship offers.

o In a remarkable display of environmental stewardship and innovation, our students secured the second prize and a substantial cash reward of 1 lakh in the prestigious hackathon organized by Reva University and Kyndryl, for their outstanding solutions to combat plastic pollution in rivers.

Our students have demonstrated an exceptional level of innovation, creativity, and technical expertise, leading them to emerge as winners in the app-a-thon organized by Intel and Awiros. Their remarkable accomplishments in the field of computer vision have earned them the highly esteemed first prize of 2 lakhs.

Our student has been awarded the championship title in the Puducherry Regional Finals of the ICT Academy's Youth Talk contest for both the years 2022 and 2023.

. Our students achieved the 3rd prize in a prestigious competition organized by InDrive— HackerEarth, focusing on the theme of "Accessibility" with their project called Able Cab. They were awarded a cash prize of 70,000.

. The remarkable success of our students at the Black Stone Shipping Hackathon led to an impressive feat, winning the first prize and a cash reward of 15,000

. Our students' sustainable solutions were awarded the 3rd Prize and a cash prize of $250 at the Metro-Hacks hackathon on Devpost.

. At Sri Eshwar College of Engineering, our students were awarded the second prize for their project "VIsioAid" - an assistive system designed for the visually impaired.

Department of Management Studies (DOMS)

The Department of Management Studies (DoMS) offers the Master of Business Administration (MBA) degree program. It is a 4 semester regular program spread over two academic years. MBA program is approved by AICTE, , and also accredited by AICTE NBA for three years. The core management concepts and techniques are taught in the first year, thereafter advanced knowledge and skills in the areas of specialization opted by the students are nurtured in their second year. We amalgamate the best theory and best management practices during classroom discussion, Case discussion, Industry Expert interaction, live projects and various other activities thus encouraging students to explore the latest industry trends.

Inculcating Skills: To inculcate managerial and entrepreneurial skills with a zeal to attain excellence in business administration

Motivating to gain professional competence: To motivate students gain professional competence through constant knowledge update, empathetic leadership qualities, and fostering strategic relationships with the industry and practitioners

Cultivating Values: To cultivate personal integrity, ethical consciousness, care for environment and society among future managers.

Lab Facilities
Laboratory provides a dynamic and innovative environment for conducting research, and traning students on hands on practicals in the field of management. At MBA department we have lab with latest systems and software for practising and learning management concepts through simulation games

Memorandum of Understanding
The Department of Management studies has signed MoUs with industries to facilitate efficient interaction and ensure a continuous student learning process. The department has established associations with Professional bodies such as Puducherry HR Circle, Madras Management Association, CII etc., encouraging students to engage in internship and projects opportunities for getting practical exposure.

Extensive Student Development Program
We have designed a comprehensive education system that integrates industry-driven curriculum along with co-curricular and extracurricular activities and also facilitates training and placements, for students bright career and future. The department trains the students in various international certifications through Ethnotech centre of excellence depending on the demands of the professional world. Through this, we ensure a complete education that combines both theoretical knowledge with practical skills. Students are consistently encouraged to take up courses on NPTEL, Course Udemy and other online platforms as a part of their curriculum.

Clubs
The Department of Management studies is dedicated to incorporate both academic expertise and a sense of social responsibility among students. To enhance their academic knowledge, we are conducting weekly activities through clubs like HR Club, Marketing club, Operations club, Finance club and Analytics Club focused on both technical and societal aspects. The clubs organize hands-on workshops, guest lectures, and industry interactions to deepen students' technical knowledge.

The department also established a Societal Club, which not only enhances literacy among the uneducated but also provides assistance to those in need. As part of our commitment to community well-being through the National Service Scheme (NSS) our students are involved in activities such as campus and beach cleaning. These initiatives not only contribute to a cleaner society but also inculcate a habit of helping others nurturing a commitment to a cleaner and more compassionate livelihood.

Professional Student Chapters
Department of Management Studies is associated with various professional bodies through which the department is able to connect and share the knowledge from industry and vice versa. The bodies we associated are guest lectures, workshops, hands on

- Puducherry HR Circle (PDY HR Circle)
- Confederation of Indian Industry (CII)
- Madras Management Association (MMA)
- Indian Society for Training and Development (ISTD)

training conferences, and paper presentations. Through these activities, students gain valuable insights and skills, enabling them to tackle the challenges posed by the ever-evolving technologies with confidence.

Students' Achievements

• Lakshmi Narayanan.R has represented Tamilnadu State Cricket Team, participated in the All India National T20 Cricket Championship-2022 and won I-Prize in the tournament.

• Lakshmi Narayanan.R has represented Tamilnadu State Cricket Team, participated in the Tamilnadu T20 Cricket Championship-2022 and won II-Prize in the tournament

• Lakshmi Narayanan.R has represented Indian Cricket Team, participated in the All Indo-Nepal T20 Cricket Championship-2022 and secured III-place in the tournament.

• Arul Selvan.M and Sujatha.S has won I Prize in International Management Fest" titled "AGAM 6.0" conducted by College of Management, SRM Institute of Science and Technology.

• Siva Bharathy.A and Sujatha.S has won II Prize in Business plan contest COMMET"23, organized by St.Joseph's College of Arts and Science (Autonomous), Cuddalore.

• Sujatha.S has won II Prize in Best Manager contest COMMET"23, organized by St.Joseph's College of Arts and Science (Autonomous), Cuddalore.

• Sujatha.S has won I Prize in Paper Presentation event on the topic "Online Education and its impact among students" conducted by St.Joseph's College of Arts and Science (Autonomous), Cuddalore.

• Sujatha.S has won I Prize in Paper Presentation event on the topic "Youth of India- Confident or Confused" conducted by St.Joseph's College of Arts and Science (Autonomous), Cuddalore.

• Arul Selvan.M and Sujatha.S has won II Prize in Business Connection event conducted by Department of Management studies of Rajiv Gandhi College of Engineering and Technology, Puducherry

• Subashree.D, Mano Bharathy.J and Lakshmi Narayanan.R, has won I-Prize in the event of Treasure Hunt organized by Manakula Vinayagar Institute of Technology.

Placements

The Department of Management studies has achieved a remarkable placement percentage, which is consistently growing year by year. Students have secured positions with the highest package of Rs.7,00,000 per annum and a moderate package of Rs.3,50,000 per annum. The department is dedicated to ensuring every student secures placement opportunities by implementing a comprehensive placement training program.

Key Recruiters

Some of the key recruiters of Department of Management Studies are listed:

TCS
City Union Bank
Karur Vysya Bank
Axis Bank
Kotak Securities
Fast Track HR Services
CRP (India) Pvt Ltd
ESAF Small Finance Bank
Home First Finance Company
Just Dial
Infinite Solution
Oppo
Shriram Chits
Sight Spectrum Technology Solution PVT Ltd
Trim Tab India Pvt Ltd.

Department of Computer Applications

₹**10** lakhs

Master of Computer Applications program focuses to provide in depth knowledge in computing and business operations taking into consideration of the new trends of information technology. This program shall transform graduates into software experts with high degree of technical, competitive and managerial skills. The department was established in the year 2002. Faculty members of the department are committed to teach and do research and consultancy work. The students of this department have bagged University Gold medals and top ten ranks consecutively since 2005. The students of MCA have been placed in TCS, Infosys, Honeywell, L&T Infotech, WIPRO, HCL and other top multinational organizations. They participated in the technical events organized by the IT giants such as IBM-TGMC, TCS-CodeVita and INFOSYS-Aspiring Minds 2020 and won many prizes. The department has excellent infrastructure facilities like Smart Class room, Digital library, Seminar hall and two fully equipped computer laboratories consisting of i5 systems with WiFi connectivity, etc., To enhance the technical knowledge of students value added courses such as Microsoft, Certification Program, Cloud infrastructure and its services, CCNA and other industrial trainings are provided periodically.

Lab Facilities

Laboratory provides a dynamic and innovative environment for conducting experiments, research, and practical hands-on learning in the field of Computer Applications . The various Practical labs are as follows

- Advanced C Programming Lab
- Advanced Data Base Management Systems Lab
- Operating System Lab
- Advanced Data Structures and Algorithms Lab
- Object Oriented Programming Lab In C++
- Web Application Development Lab
- Micro Project Lab
- Advanced Java Programming Lab
- Mobile Application Development Lab
- Mini Project Lab
- Technical Seminar and Report writing
- Project Work and Viva-Voce

Research Facilities

The department of Master of Computer Applications engages and encourages students in the field of research based on Mini Project with recent technology and incorporate with industry.

Memorandum of Understanding

The department of Master of Computer Applications has signed MoUs with industries to facilitate efficient interaction and ensure a continuous student learning process. The department has established associations with companies such as Red Fox Educations and Hattussa Software Solution Private Limited, encouraging students to engage in joint ventures for organizing internship opportunities and providing practical training.

Extensive Student Development Program

We have designed a comprehensive education system that integrates industry-driven curricula with co-curricular and extracurricular activities, facilitates training placements, and embraces certification courses from Microsoft, Amazon Web Services, CISCO,. The department trains the students in centre of excellence by providing 99 certification courses depending on the demands of the professional world, ensuring a complete education that combines theoretical knowledge with practical skills. Students are consistently encouraged to take up courses on NPTEL, Coursera, Udemy and other online platforms as a part of their curriculum.

Clubs

The Master of Computer Applications (MCA) department is dedicated to incorporate both technical expertise and a sense of social responsibility among students. To enhance their technical skills, we are conducting weekly activities through clubs focused on both technical and societal aspects. The WHIZ club organizes hands-on workshops, guest lectures, and industry interactions to deepen students' technical knowledge. By means of National Service Scheme (NSS), activities including campus and beach cleaning, are organized.

₹**4** lakhs

Placements

The Department of Master of Computer Applications has achieved a remarkable placement percentage, which is consistently growing year by year. Students have secured positions with the highest package of 10 lakhs per annum and a moderate package of 3.36 lakhs per annum with the highest percentage of 85% placement. The department is keen in placing every students by providing consistent placement training to the students.

Key Recruiters

Some of the key recruiters are listed:
- Tata Consultancy Services (TCS)
- Zoho Corporation
- Accenture Private Limited
- Cognizant Technology Solutions (CTS)
- Virtusa Corporation
- Societe Generale
- Tech Mahindra Private Limited
- Hexaware Technologies
- Data Patterns
- FSS Pvt Ltd
- Hattussa Software Solutions Pvt Ltd

Scope and opportunities of MCA

The objective behind MCA is to equip students with the latest technologies, tools and applications in IT and to meet the ever-growing requirement of IT professionals. MCA is one of the hottest career options available today due to the plethora of job opportunities available in the market. It has wide scope in Government as well as Private sector. MCA post graduates are hired both by Government agencies NTPC, GAIL, BHEL, etc and private IT companies like Accenture, Infosys, Wipro, TCS, Cognizant, IBM, American Express, HCL, HP and so on.

They can take part in various government examinations like UPSC, SSC, PSC, public sector bank exams, etc. The candidates will be posted to various government departments.

As a fresher, an MCA professional can expect anything around 2.4 to 3.4 lakhs, and with experience, sky is the limit! With some years of experience, a Software Engineer can become a Lead, an Analyst, a Project Manager, a General Manager and so on.

MCA professional

can expect anything
with experience, sky is the limit!

AICTE IDEA LAB

6+LABS Unlimited Ideas

AICTE has launched a scheme to establish AICTE-IDEA (Idea Development, Evaluation & Application) Labs in its approved institutions to encourage students to apply Science, Technology, Engineering, and Mathematics (STEM) fundamentals for enhancing hands-on experience and learning by doing .

The All-India Council for Technical Education (AICTE) announced the names of 49 institutions that were selected for establishing AICTE IDEA (Idea Development, Evaluation & Application) Lab in their campus. IDEA Labs are co-funded by AICTE and industry/institution under the Scheme. As a common facility embedded in the institution, IDEA Lab facilitates students to "engage, explore, experience, express and excel," as desired by the Hon'ble Prime Minister of India following the release of the National Education Policy 2020. These labs are mandated to function 24x7 in the selected institutions and be available to colleges.

Under this scheme, a grant of Rs. 1.23 Crore is sanctioned, of which Sri Manakula Vinayagar Engineering College received a grant of Rs. 47.7 lakhs from AICTE, and the remaining amount of Rs. 75.30 lakhs are contributed from the management to establish SMVEC AICTE-IDEA Lab. This IDEA Lab is a common facility of the institution that will make engineering graduates more imaginative and creative, besides providing training in 21st-century skills such as critical thinking, problem-solving, research, collaboration, communication, lifelong learning, etc.

IDEA Lab can empower the students and faculties to "engage, explore, experience, express and excel", addressing the need of new age learning. IDEA Lab would serve as an infrastructure for faculty to take up and promote multidisciplinary education and research. Accordingly, faculty would be encouraged to get trained in this Lab and strive for creating problems/ projects/ internships in their own subjects/ disciplines and mentor the students.

Objectives of SMVEC IDEA Lab

- All facilities under one roof for the conversion of ideas into prototypes.
- Training in the 21st century skills- critical thinking, problem-solving, collaboration etc.
- Making engineering students more curious, imaginative and creative; engineering education more engaging.
- IDEA lab will be centred around activities and events to promote multidisciplinary education and research.

Training offered in IDEA Lab

Training for Faculties : **FDP**

Training for Students : **Skilling Program, Ideation Workshop, Internship**

Industry Members : **Awareness Workshop**

ITI Students : **Professional Skilling Program**

School Students : **Projects**

School Teachers : **Awareness Program**

DESIGN THINKING LABORATORY

The designing section of an idea lab is a space dedicated for creating and developing innovative designs and concepts.

The space is equipped with high-end software, such as Eagle, Fusion 360, Inkscape, that allow students to create and test their designs in a virtual environment before producing physical prototypes.

Students work together to create designs that look good with intense purpose and solve real-world problems.

ADDITIVE MANUFACTURING LABORATORY

3D printing is a powerful and innovative technology for transforming the way objects are designed and manufactured.

It offers unprecedented flexibility and precision, allowing you to create complex shapes and prototypes quickly and easily.

The process involves building up layers of material, such as plastic or metal, to create a three-dimensional object according to a computer-generated model. With 3D printing technology , it is easier for designing smaller components for entire buildings and structures.

INTERNET OF THINGS LABORATORY

An IoT (Internet of Things) laboratory is a space within Idea Lab dedicated for researching, developing, and testing IoT devices and applications.

Equipped with state-of-the-art hardware and software tools, as well as a range of sensors, actuators, and communication modules that can be used to build and test IoT devices.

The IoT lab provides a space for researchers, students, and industry professionals to explore and experiment with IoT technologies. It offers access to specialized equipment, such as microcontrollers, sensors, and wireless communication modules, which are essential for building IoT devices.
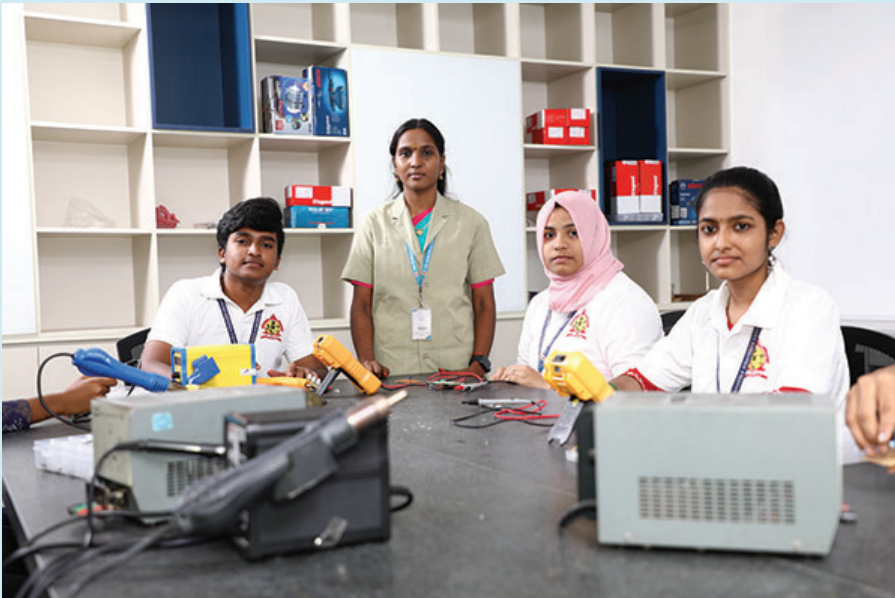
A PCB milling machine is a computer-controlled cutting machine used to create printed circuit boards (PCBs).

The machine uses a spinning cutting tool, typically a small end mill, to remove material from a copper-clad substrate, creating the traces and pads that form the electrical connections of a circuit board.

Using this technology, complex designs can be created with ease and efficiency.

LASER CUTTING MACHINE

Laser cutting is a highly precise manufacturing technology that uses a focused laser beam to cut materials with extreme accuracy.

Create complex shapes and designs quickly and easily by using Inkscape software. It has become an essential tool for many industries and creative professionals.

The process involves directing a high-powered laser beam onto the material, which melts, burns, or vaporizes the material, leaving a clean and precise cut.

WOOD ROUTER MACHINE

A wood router is a versatile power tool used in woodworking to create decorative edges, intricate designs, and precise cuts on wood and other materials. It can create complex designs and shapes that would be difficult to obtain with traditional hand tools.

SCHOOL OF ARCHITECTURE

School of Architecture at Sri Manakula Vinayagar Engineering College is the first institution in the Union Territory of Puducherry to offer the five year full time B.Arch course with an intake of 40 seats from the academic year 2017-18.

Career in Architecture is attractive, high paying and has lots of potential in terms of growth. Most of the jobs in architecture are available in government organizations. Private Architectural firms, construction and Real estate companies require trained architects who can carry out various Architecture and construction projects for which they are paid hefty salaries.

Ample job opportunities are available for architects having specialization in one segment or the other with unique capabilities. Numerous internationally acclaimed Architectural firms, construction and real estate development companies provide employment opportunities to the architects who are willing to explore career outside India.

Environment is conducive at School of Architecture for learning and it welcomes all the prospective students to join the program considering the brightest opportunities. B.Arch admission is open for. Pondicherry, Tamilnadu and other state students. The school provides best training development Centre, Construction Project management, Real estate, Smart city development projects, Private research sector etc.

Salient Features

Unique Learning Environment with Air-Conditioned classroom. Practical Exposure at workshops and construction sites with hands on experience.

Library facility with good collection of books, journals, Magazines and other resources in architecture ranging from printed books, E-Books etc.

In School of Architecture, faculty members have vast experience in design and research specializations in diversified disciplines. The professional experience of Faculties in theory, practice and international exposure supports in delivering holistic education.

The Computer Lab is equipped with more than 40 systems with the latest architectural software along with other essential supporting peripherals which can be used by students to work on academic projects as well as for software learning sessions.

Talks and lectures by eminent personalities from the industries are hosted frequently to give students a comprehensive understanding of the happenings and scope of the field.

Site visits enable students to witness the site conditions for the project they design and understand the various parameters that influence a built form. Our students undertake frequent site visits depending on the project and the curriculum.

Bachelor of Architecture
Duration: 5 Years

The eligibility for admission to 1st year of 5-year B.Arch. Degree program for the academic session 2024- 2025 shall be as per CoA (Minimum Standards of Architectural Education) Regulations, 2020.

No candidate shall be admitted to architecture course unless he has passed an examination at the end of the 10+2 scheme of examination with at least 50 percent. Aggregate marks in Physics, Chemistry and Mathematics and also at least 50 percent. Marks in aggregate of the 10+2 level examination or passed 10+3 Diploma Examination with Mathematics as compulsory subject with at least 50 percent marks in aggregate.

Qualified a recognized national aptitude test in Architecture (NATA) For more details on eligible score in National Aptitude Test in Architecture (NATA) visit: www.nata.in

Candidates may note that no direct lateral admission is allowed at any year/semester/stage of B.Arch. course based on any qualification. The Students should have cleared NATA.

Recognize dialectic relationship between people and built environment with reference to their needs, values, behavioural norms, and social patterns.

Produce professional quality graphic presentation and Technical Drawings.

Critically analyse building designs and conduct post-occupancy evaluations.

Work in a manner that is consistent with the accepted professional standards and ethical responsibilities.

Students are taken on study tours regularly to give them exposure to the rich architectural heritage around us. Our students have travelled to destinations both within India and abroad, gaining insights into diverse styles and forms of architecture found in different regions.

Career Opportunities

Architectural Designer ■ Interior Designer ■ Landscape Architect ■ BIM Architect ■ Urban Designer
Conservation Architect ■ Urban Planner ■ Construction Project Manager

SMVEC
SCHOOL OF ARTS & SCIENCE

distinctive academic excellence rooted in tradition and culture based standard curriculum. In recent scenario, the faculties of Arts and Sciences are at the forefront creating transformative new understandings about the world around us.

Throughout its history since the inception, Sri Manakula Vinayagar Engineering College (SMVEC) has been one of the Nation's great institutions for quality in higher education. The School of Arts and Science (SAS) has its entry during the academic year 2020-21.

School of Arts and Science has Fueled by their discoveries, these facilities inculcate constructive curiosity, boundless creativity and a passion for life-long learning to serve at par with global academic excellence.

Variuos departments are well-positioned for the continued pursuit of excellence and for imparting holistic education entangled with yoga and meditation. It also provides a strong foundation to ameliorate quality education to proficient youth by reinforcing academic excellence. School of Arts and Science has the mission to impart effective and interactive teaching-learning-evaluation in academics, rejuvenate human resources, reinforce state–of-art infrastructure, empower the individual aptitude of learners, foster cultural, intellectual and social responsibilities, establish centre for research and development in science, technology and promote core-based placement.

The state of the art infrastructure includes well aerated class rooms with overhead projector facility, separate and well equipped laboratories, well-furnished central library, sports and health facilities. They serve for enhancing students' overall development and to equip them with problem solving skills, creative talent and power of communication necessary for various kinds of employment.Further they also strive to educate, train and develop highly competent graduates capable of providing solutions, to improve quality of human life and environment and to train skillful manpower to succeed in ever growing industries.

24+ PROGRAMMES

Programmes Offered

Professional Studies	B.Com. Professional Accounting
	B.Com. Cost and Management Accounting
Commerce and Management	B.Com. (General)
	B.Com. Computer Applications
	B.Com. Corporate Secretaryship
	B.Com. Accounting and Finance
	BBA
	BBA Hospital Administration
	BBA Fintech and Digital Banking
Computer Science	B.Sc. Computer Science
	B.Sc. Data Science and Analytics
Computer Applications	BCA
Physics	B.Sc. Physics
Chemistry	B.Sc. Chemistry
Mathematics	B.Sc. Mathematics
English	B.A. English
Tamil	B.A. Tamil
French	B.A. French
Bioscience	B.Sc. Biotechnology
	B.Sc. Microbiology
	B.Sc. Biochemistry
	B.Sc. Nutrition and Dietetics
Food Science	
Media Studies	B.Sc. Visual Communication
	B.A. Journalism and Mass Communication
	M.Com Commerce
PG Programmes	M. Sc. Computer Science
	M. Sc. Physics
	M. Sc. Chemistry
	M. A. English

General Highlights

Holistic and multidisciplinary education

Happy, harmonious and safety oriented coeducational environment towards women's wellbeing

Disciplined thought processing for WIN-WIN situation for students

Conducive ambience for student-centered learning environment

Infrastructure Highlights

Spacious, aerated and well illuminated lecture halls

Adequate text books and reference books availability in Central Library

Uncompromised well equipped and stand-alone computer laboratories

State-of-art science laboratory facilities with equipment of updated version

Curriculum Highlights

Curriculum framework includes unique soft skill elective courses offered by other departments

Semesterwise value added courses and skill enhancement courses

Employment enhancement mandatory courses offered in the curriculum

Incubation hub for START UP innovations

MoU with scientific, literary and industrial organisations for mini and major projects

Educational trips

Invited expert talks in academic platforms

Department clubs for student activities

School of Arts and Science creates an exceptional learning environment for the students that promote the communication skills and personality development of learners. Students are trained with the awareness of mass media and its importance. Students are trained towards better understanding of their core discipline by sharpening their creativity apart from learning the concepts, theories and aesthetics. It also takes initiatives to impart knowledge outside the curriculum and provide need-based training programs. School of Arts and Science provides a foundation of computing principles and business practices for effective uasge of information systems and enterprise software.
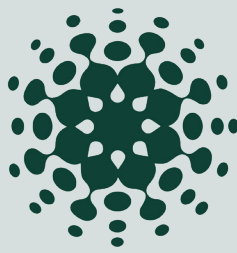
The College of Allied Health Sciences was established in the year 2020 under Sri Manakula Vinayagar Engineering College an Autonomous institution with 'A' grade accreditation by NAAC and affiliated to Pondicherry University. The school offers degree and diploma courses in Allied health sciences with an excellent training facility at Sri Manakula Vinayagar Medical College & Hospital, known for its reputation in offering medical courses and treatment.

Allied health sciences as the name implies, they are allies in a Health-Care Team, working together to deliver high quality patient care services.

Allied health sciences encompass a diverse range of disciplines such as radiology, medical laboratory science, and more. This interdisciplinary approach allows students to gain a comprehensive understanding of healthcare from various perspectives. Hands-on Clinical Experience: Students can apply their knowledge and skills in real-world healthcare environments under the supervision of experienced professionals.

Graduates of allied health programs have diverse career opportunities in Hospitals, Clinics, Rehabilitation centres, Schools, Research institutions, and other healthcare settings.

SMVEC
COLLEGE OF ALLIED HEALTH SCIENCES

U G Programmes

- B.Sc. Medical Lab Technology
- B.Sc. Radio Graphy and Imaging Technology
- B.Sc. Renal Dialysis Technology
- B.Sc. Operation Theatre and Anaesthesia Technology
- B.Sc. Emergency Medicine Technology
- B.Sc. Optometry
- B.Sc. Critical Care Technology
- B.Sc. Cardiac Lab Technology
- B.Sc. Neuro Care Technology
- B.Sc. Cardiac Perfusion Technology

3 Years + 1Year Internship

- B.Sc. Respiratory Care Technology
- B.Sc. Reproductive Medicine and Clinical Embryology
- B.Sc. Uro Care Technology
- B.Sc. Haematology and Blood Banking Technology

Diploma Programmes

- DMLT - Medical Lab Technology
- DOTAT - Operation Theatre and Anaesthesia Technology
- DRGIT - Radiography and Imaging Technology

Programmes Offered

Eligibility

Candidates should be passed in all the subjects of the Higher Secondary Examinations conducted by Tamil Nadu state or equivalent examination (Academic-Stream) with the following subjects of study viz., Physics, Chemistry and Biology /Botany and Zoology.

The Student should have passed in first attempt and with a minimum of 50% marksin aggregate in the qualifying examination.

Anti-ragging Measures:

Ragging is strictly prohibited in this Campus and strictly enforces anti-ragging measures and the campus is free from any form of ragging. Any violation will be dealt with according to the law in force and as per the directives of the Supreme Court of India.

SMVMCH has clinical Skills Labs for students to acquire the much sought after practical skills in complex procedures.

Library facilities available with wide distribution of books and journals related to AHS

Accommodation is provided within the campus for the students with well-furnished suite

Recreational facilities are provided by the college in terms of Gymnasium, Tennis courts, Cricket field, Football court etc.

A student's advisory and counselling service is provided for students to deal primarily with emotional disabilities,

Student health services are provided round the clock.

Post office and 24-hour ATM facility inside the college campus.

Canteen: Hygienic veg. and Non-veg. Canteen with excellent quality

Transport: 53 Buses covering various locations

Bachelor of Physiotherapy
Duration: 4 Years

The college of physiotherapy was established in the year 2021. An undergraduate program (B.P.T.) in physiotherapy in our college aims to impart in depth knowledge and skill to the students to become competent in the physical diagnosis, clinical reasoning techniques and to develop proper attitude required for the practice of physiotherapy. Our program is recognized by Government of Puducherry and affiliated to Pondicherry University.

Salient Features

- Experienced faculties
- Sprawling campus
- Excellent hands - on training
- Opportunity to study in a multi cultural environment
- Practical exposure at Medical College Clinical Training
- Separate hostel facilities for boys and girls
- ATM facility
- Wi-fi campus
- More collection of physiotherapy books

Where Science Meets Care
Advancing, Physiotherapy Excels

Eligibility

Admission to first year B.P.T.

Candidates should have completed a minimum of 17 years.

Candidates should have a pass in the higher secondary examination conducted by the Board of Higher Secondary Examination of Tamil Nadu or any other equivalent examination accepted by the university, thereto with a minimum of 50% marks (40% for SC, ST, MBC & OBC candidates) in aggregate of the science subjects (Physics, Chemistry, Biology/ Botany & Zoology) and should have English as one of the subjects.

Candidates should be medically fit.

Laboratory Features

Laboratory provides a dynamic environment for conducting hands - on learning. We have the following equipment.

Exercise therapy lab: ankle exerciser, balance board, dumbbells, finger ladder, hand grip exerciser, over head pulley, peg board, quadriceps chair, re-education board, shoulder wheel, suspension therapy, static cycle, tilting table and wall ladder.

Electrotherapy lab : electrical muscle stimulator, interferential therapy, TENS, CPM, shortwave diathermy, traction and ultra sound therapy.

SMVEC
COLLEGE OF AGRICULTURAL SCIENCES

College of Agricultural Sciences at Sri Manakula Vinayagar Engineering College (SMVEC) was established in the year 2021 to transforming agriculture knowledge and stewardship among the upcoming generation and extending dynamic research with various dimension in the field of Agriculture and Horticulture. This program equips the Students for generating technologies of the future to stay relevant for tomorrow's world. This can be achievable by cutting edge research and applied research to provide solutions to the need-based farmer's problems in the respective regions.

This program provides skill and confidence building measures for earning a livelihood by themselves. This course is also providing Rural Entrepreneur Awareness Development Yojana (READY) Programme for final year of UG programmes encompassing Rural Agricultural Work Experience (RAWE) and Experiential learning which encourages students to get acquainted with rural work experience and entrepreneurship development. The latest technological advancements, developments and challenges relating to production and productivity of Agricultural crops are

Programmes Offered

B.Sc. (Hons.) Agriculture
B.Sc. (Hons.) Horticulture
Duration : 4 Years

B.Sc. (Hons.) Agriculture / B.Sc. (Hons.) Horticulture is a four-year professional course recognized by the Government of India that primarily focuses on excellence in Education, Research and Innovative technologies in the field of Agriculture. It requires competence to complete course as well as enthusiasm to work in this sector.

The student gets magnificent career prospects both in public and private sectors. Numerous options are available for pursuing higher studies in the field of Agriculture, Horticulture and Allied Sciences. One should be well equipped in Horticulture / Agriculture for effective execution of extensive deliberation in Agricultural entrepreneurship.

Agriculture is the backbone of our country and plays a predominant role in Indian economy which contributes 20% of the total GDP. Food is the basic necessity for life. It never faces recession or a slowdown. In fact, the development of technology,

research and innovation has multiplied the scope of Agriculture in a boundless way. In fact, the Indian government is focusing its best attention in adoption of improved technologies and techniques in order to achieve a steadfast progression in the branch of Agriculture.

Commencing various specialized Agriculture Institutions and allied activities through specific courses is one such steps to bring development in Agricultural sectors. Now -a-days B.Sc., (Hons.) Agriculture, B.Sc., (Hons.) Horticulture programs have become the foremost choice of many students and one of the significant demanded courses in terms of career and personal growth in the domain of Agricultural Sciences.

Agriculture and Horticulture programme. School of Agricultural Sciences educate the students to face challenges in future pertaining to Agriculture/ Horticulture and guide them with motivation for a successful life and career with discipline and dignity.

The Agricultural system will move towards multidisciplinary institution including academic programmes of basic science, social sciences and allied disciplines of agricultural science which simultaneously hike the agricultural sectors with excellent opportunities in academic and job orientation.

Job Opportunities

Agricultural Research Service

Agricultural / Horticultural Officer

Central and State Government Services

Agricultural Finance Department

KVK, Research Institutions

Agricultural Field Officer in Banks

NABARD Grade A Officer

Food Corporation of India

Cane Officer (Sugar Mills)

Agricultural Industries

Food Industries

Estate Officer in Plantation

Development Centre

Plantation Manager

The Agricultural and Horticulture programme foremost choice of many students and one of the significant demanded courses in terms of career and personal growth in the domain of Agricultural Sciences.

Programmes Offered

B.Sc. (Hons.) Agriculture
B.Sc. (Hons.) Horticulture
Duration : 4 Years

SMVEC-Centre of Legal Education offers a large number of facilities to its students. The facilities includes: Moot court hall, Legal aid centre, Class rooms fully furnished with adequate space for students, Hostels –both for boys and girls separately, Library – with more than 3000 books and journals, Sports facilities for tennis, badminton, basket ball, Gym that caters to all the fitness needs of the students, Canteens and food courts which serves a variety starts from fast food to full- fledged cafeterias spread throughout the campus. Besides a 24 hour cafeteria is also available for the hostellers, Auditorium, Conference hall, Medical facilities, free Wifi facility, Transport can be availed by the students, Solar panel provides current throughout the day and night without any power cut.

The course curriculum is designed perfectly at par with national standards. The college also provides the internship facilities for the students as a part of curriculum. The faculty members are well experienced and many are having Ph.D Qualification. They train the students to learn theoretically as well as practically to enrich their knowledge.

Benefits of Studying Law Courses

Almost everything we do is governed by one law or another. Law helps the person to equip themselves with challenging issues, understanding human logic and analyzing real life cases along with the logical clarity and a good grip over oral and, written communication. Studying law offers the chance to expand a range of skills and find out many aspects of human life. It gives the chance to sharpen our mind, strengthen our understanding and deepen our experiences across the full range of humanities and social sciences.

A law degree trains students to talk about law simply and effectively, without the stereotypes of legal language. They acquire skills not just knowledge. Studying law gives the students a strong sense of justice and wish to improve the defects in the system.

Studying law offers us the legal education and qualification to ultimately make that significant change. Their success in this field will have a lot to do with their personality. To be aware of one's right and to be sensitive to those of others is just a concomitant to study law. There are numerous other benefits, both academic and commercial.

A law degree gives our students the skills to be a successful lawyer and also opens up various other avenues such as being a skilful journalist, diplomat, politician and manager.

Opportunities Ahead

Law is one of the popular career choices in India and certainly among the most respected professions with a wide range of job opportunities. Not only the court but also various corporate houses, law firms, administrative and judicial organizations offer a well paid legal career.

Committed to providing its students with a rigorous
and well-rounded legal education that prepares them
for success in the legal profession and beyond

CENTRE OF LEGAL EDUCATION

Centre of Legal Education is a constituent part of Sri Manakula Vinayagar Engineering College, an Autonomous institution located in Madagadipet, Puducherry. This Centre is one of the best equipped institutions in Puducherry for the promotion of professional skills to the students pursuing legal education. We are one of the top institutions in Puducherry offering various law programmes. We admit, support, teach and examine a diverse, outstanding body of students from all over India. Our student - faculty ratio is approximately 15:1.

Programmes Offered

LL. B.   - (3 years)
B.A.LL. B. – (5 year integrated)
B.Sc. - LL.B - (5 years integrated)
B.B.A - LL.B - (5 years integrated)

Students for life

Helping them to develop an informed curiosity and a lasting passion for learning.

Helping them discover new abilities and a wider world

Develop the skills they need to achieve at work

Make ready to tackle the demands of tomorrow's world

Helps students become confident, responsible, reflective, innovative and engaged

Capable of shaping a better world for the future

Salient Features

Approved by Bar Council of India

Well-qualified and experienced faculties

Special lectures by legal experts in emerging areas

Seminars, conference and workshops on contemporary legal issues

Well-equipped library

Computer Lab for enhancing the soft skills of students

Moot court hall to enhance case presentation skills

Free legal aid and literacy programs through legal aid camps.

Regular court visit and participation in Lok Adalat

Law Careers

Corporate lawyer

Litigator

Banking and insurance officer,

Public prosecutor

Judicial Officer, Mediator, Arbitrator.

Investigator

Criminologist

Litigation support professional

Solicitor

Law teacher

Advisor to NGOs

SMVEC
COLLEGE OF PHARMACY

Programme Offered
B.Pharmacy
Duration : 4 years

Eligibility:10,+2(M.P.C)/(Bi.P.C)

Candidates who have passed two years if +2 examination or an equivalent examination of any other approved board or university with not less than 40% marks in any combination comprising P.C.M or P.C.B or P.C.M.B or P.C and Computer science P.C.Cs.

SMVEC Pharmacy College was established in the year 2023 with an objective of offering quality education to the pharmacy students. The college is vested with state-of-the-art infrastructure and provides top-notch facilities to the budding pharmacists. The programme is supplemented by a refreshing breath of co-curricular and extra-curricular activities to ensure that the students acquire personality excellence and leadership qualities in addition to the technical expertise, which are vital to excel in a competitive world.

The staff are the pride of SMVECPC who by their expertise teach and promote the learning process and also serve as an inspiration to the students to their research activities. They mould the student community into the outstanding professional by the advanced teaching techniques and learning aids.

VISION

To serve as a leading Institution in the field of higher learning and research in Pharmaceutical Sciences and Management

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MISSION

To strive towards excellence in the field of higher education and research in Pharmaceutical Sciences & Management

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To become a pioneer institution in research and one of the principal sources of professional manpower in the field

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To strengthen the Indian Pharma industry in obtaining quality products at affordable Prices

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OBJECTIVE

Becoming an integral member of the healthcare team responsible for outcomes associated with medication

A career in the pharmaceutical industry offers a wide range of opportunities across various disciplines.

Here are some key features and aspects of careers in the pharmaceutical field:

Diverse Job Roles

The pharmaceutical industry encompasses diverse job roles, including research and development, clinical trials, regulatory affairs, manufacturing, quality control, sales, marketing, and more.

Research and Development (R&D)

Opportunities to contribute to the development of new drugs and therapies. Involvement in the discovery and validation of new drug targets.

Clinical Trials

Conducting and managing clinical trials to evaluate the safety and efficacy of new drugs.Opportunities for clinical research associates, coordinators, and investigators.

Regulatory Affairs

Ensuring compliance with regulations and submitting documentation for regulatory approvals. Interaction with regulatory agencies and staying abreast of regulatory changes.

Manufacturing and Quality Control

Overseeing the production of pharmaceutical products on a large scale. Quality control professionals ensure that products meet regulatory standards.

Sales and Marketing

Promotion and sales of pharmaceutical products. Developing marketing strategies and working closely with healthcare professionals.

Pharmacovigilance

Monitoring and reporting adverse effects of pharmaceutical products. Ensuring post-marketing safety of drugs.

Medical Affairs

Engaging with healthcare professionals to provide scientific and medical information. Contributing to medical education and scientific communication.

Biotechnology Opportunities

Involvement in cutting-edge biotechnological advancements and gene therapies. Opportunities in gene editing, personalized medicine, and cell therapies.

Global Opportunities

Many pharmaceutical companies operate on a global scale, providing opportunities for international collaboration and work exposure to global regulatory frameworks and market dynamics.

Continuous Learning and Innovation

The field is dynamic, with constant advancements and new discoveries. Opportunities for professionals to engage in lifelong learning and stay updated with the latest trends and technologies.

Contribution to Public Health

The pharmaceutical industry plays a crucial role in improving public health by developing and providing access to innovative medicines. Opportunities to make a meaningful impact on healthcare worldwide.

Interdisciplinary Collaboration

A career in the pharmaceutical industry offers a combination of scientific, business, and regulatory aspects, making it an appealing choice for individuals with varied interests and skill sets. Whether one is inclined towards research, business development, or regulatory affairs, the pharmaceutical field provides diverse opportunities for career development.

OUR FACULTY

an inspiration to the students to their research activities.