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MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Approved by the AICTE, New Delhi - Affiliated to Pondicherry University
Accredited by NBA (National Board of Accreditation)

Kalvi Vallal N.Kesavan Salai, Kalitheerthal Kuppam, Puducherry - 605107 www.mvit.edu.in Email:contactus@mvit.edu.in Fax: 0413-2643008 Phone: 0413-2643007 / 94980 93535 / 99408 83043 / 9843811670

> Admission Enquiry Office also @ Puducherry, CITY CENTER: #58A, Villianur main Road, Reddiyarpalayam 605010 (Opp to Sri kumaran stores)























MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

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(KALITHEERTHALKUPPAM, PUDUCHERRY - INSIDE MEDICAL COLLEGE CAMPUS)

Explore Engineering at MIT and Get Top Placement





THE RESIDENCE OF THE PARTY OF T

P. Toch Computer Science and Engineering (CSE)

B.Tech - Information Technology (IT

B Tech - Mechanical Engineering (MECH)

B.Tech - Robotics and Automation (RA)

3 Tech - CSE (IoT and Cyber Security including Block Chain Technology

B.Tech - Artificial Intelligence & Machine Learning (AL& ML)

POST GRADUATE COURSES Duration: 2 Years (4 Semesters)

M.D.A. Master of Dusiness Administration

M.Tech - Electronics and Communication Engineering

M.Tech - Computer Science and Engineering



To be a globally reputed Technical Institution creating Competent leaders and Skillful innovators in Science, Technology and Management

MISSION

- Providing a dynamic and creative learning environment for its students to acquire exemplary technical, analytical, and professional skills.
- Imbibing a spirit of innovation and research among its students and faculty for solving critical problems.
- Promoting Innovation, Employability and Entrepreneurship skills through industry academia collaboration.
- Serving the society through technical intervention and creating socially responsible Professionals.

INSTITUTION

Manakula Vinayagar Institute of Technology (MIT), a unit of Sri Manakula Vinayagar group of Institutions, started in the year 2008 is located inside the Medical college campus, Kalitheerthalkuppam, Puducherry. It provides high quality technical education with a dynamic, experienced and dedicated faculty team, state of the art lab facilities, excellent ambience for learning. Outstanding academic record, more than 90% Placement in top companies, Good discipline, Outcome-based education are the key features of our Institution.



69 University Gold Medalist and Rank Holders in Last 7 years



OUR STRENGTHS

Overall Pass % in University Examinations	>90%
Placement Record every year	>90%
Lab investments till date	7.95 Crores
Average Faculty experience	10 Years
MoU's with Industries and Institutions	52
Membership in Professional bodies	18
Achievements in National level /MNCs Competitions	100+
Research Publications	581
Number of Patents Granted	88
Number of Patents Published	
Products Developed and Commercialized	20+
International Certifications with Global Partners every year	500+
National / State Level Sports Participation every year	100+





Computing Facilities

Wifi enabled campus with 780 systems connected in a single network with high speed 200 Mbps internet connectivity

LMS Integrated Learning

A blended learning approach is achieved by Integrating LMS(elearn.mvit.edu.in) along with classroom teaching to improve the self-learning capability of students, where students receive instruction and course materials, instructor notes, Quiz, Assignments etc., and enjoys peer learning through discussion forums remotely.

Library

The institute has a spacious central library with an area of 1400 Sq. m with a reading hall capacity of 150, housing an extensive collection of Books, Scientific & Technical Journals, Magazines, and Electronic reference materials. It has a collection of 23,780 books, 28 IEEE Transactions, 55 National and International Journals, 21 Technical Magazine, 14 Magazine, 1367+ CD/DVD collections, 1300+ project reports and membership with British Council Library, DELNET, IEEE, J-Gate (Science & Technology) and MALIBNET-Chennai.

Digital Library

Digital Library facilitates the students and faculty members a modern digital learning approach with Technically sophisticated environment to enhance their knowledge through e-journals, e-Books with unlimited access. IEEE access for all the students

Auditorium, Seminar and Conference halls

Spacious air conditioned auditorium and fully equipped seminar halls for all the departments.

- 2 Air-conditioned auditoriums with seating capacity of 800 and 400.
- +3 Air Conditioned Conference Halls
- 2 Seminar Halls with Seating capacity of 150.

Audio Visual room

Well furnished audio visual room enables the students and faculty members to have live interactions with experts from industries and corporate. It facilitates our students to participate in technology enhanced practical learning process.

Training & Placement Cell

Training and Placement Cell (TPC) - A Separate Department with conference halls and Board rooms coordinates the entire training and Placement activities.

TBI Cell

MSME supported Technology Business Incubator cell (TBI) is functioning in our institution to provide a launch pad to budding entrepreneurs. Students and entrepreneurs having solid idea /product can apply for incubation and the institute assists them to convert it into products.

UBA Cell

Our institute is a participating Institute under the Unnat Bharat Abhiyan (UBA) scheme of Govt. of India and has adopted seven villages in the Union Territory of Pudcherry. A team of students and faculty volunteers are being actively involved in technical intervention activities that contribute to rural development of the adopted villages.

Technology Business Incubator Cell

MSME-supported Technology Business Incubator cell is functioning to provide a springboard to budding entrepreneurs. One company (Ignite Skylabs) is successfully functioning in the 111.48

IAS Academy

An exclusive unit of MIT to provide training for our Engineering and Management students aspiring for civil services is established in our campus. Renowned experts from various organization are regularly interacting with our students who are being trained in this academy.

International Admission Office

MIT also provides guidance for students of our group of institutions and also students studying in other institution of Puducherry and nearby region applying for higher studies in Foreign Universities through MVIT International Admission office established recently. This office provides career guidance, admission related details and support in getting admission in Foreign Universities to our students and faculty members very often.

Sports Facilities

 $Excellent\ Outdoor\ and\ Indoor\ Sports\ \&\ Games\ facilities. MIT\ Rolling\ Trophy-Inter\ college\ tournament\ for\ staff\ and\ student\ MIT\ Trophy-Inter\ school\ volleyball\ tournament\ descriptions and\ the property of the property$

Hostel

Students accommodation at MIT is a "home away from home." There are separate hostel with excellent facilities for boys and girls for a comfortable stay, study and recreation.

Transport

Around 25 college buses are operated to cover Puducherry, Cuddalore, Villupuram, Neyveli and Tindivanam regions.

Canteen

Excellent spacious canteen with variety of food items and snacks available in 3 different floors with excellent quality and hygiene.

Gvm Facilities

Multi Gym Facility is available for the students to maintain their body and mental health. More than 100 students are regularly using this facilities.

NSS CELL

Very active NSS unit is functioning in our institution with more than 200 students volunteers, which is organizing many social activities and awareness camps during the vacation period in the 7 adopted villages around our place.

MAJOR LABORATORIES

- Electronic devices and Circuits lab
- Digital Circuit design lab
- Advanced communication Lab
- Microprocessor and microcontroller lab
- Design and simulation lab
- Classical analysis also
- Electrical machines lac
- Fluid mechanics lab
- Measurement and control lab
- CNC & Material Testing Lab
- Power system simulation lab
- Manufacturing Process lapse and Thermal lab
- Measurements and instrument & FM lab
- Research and development lab
- IoT and Sensor lab
- Omputer aided design lab
- Food Analysis & Microbiology lab
- Robotics and Automation lab

Equipments with more than 7.95 Crore Investmen

HIGHTLIGHTS

- Wifi enabled Integrated Campus located in 60 Acres
- 500 KW Solar Powered Green Campus
- Student centric methods for enhancing learning experiences.
- ICT enabled tools for effective teaching-learning process.
- Centre of Excellence with Virtusa, Wipro, Google, IBM, Texas Instruments, Autodesk, ePLAN, CISCO, Microsoft, etc.
- Winners of National level Competitions such as TCS Inframind, ZOHO Clig Trix, VIRTUSA NeuralHack, SMART INDIA HACKATHON, MANA-THAN, AICTE Chatra Vishwakarma Award, India International Science Festival, NDRF by IEI India, TATA Cruciable, ICT Academy Youth Icon Award, TOYACATHON etc.,
- MoU's with 52 industries in and around Puducherry.
- Activities through students chapters of professional bodies such as CSI. IETE, ISTE, IEEE, IE(I) etc.
- PDYHRC, ISHRAE, MMA etc.
- Virtusa, Wipro and ICT Academy
- Automation and Networking (ICSCAN) since 2018.
- Area of Distinctiveness: Innovation, Product Development and Patent
 - > 88 design patents granted
- MSME-Supported Technology Business Incubator cell to support the budding entrepreneurs. One startup (IGNITE SKYLABS) is currently functioning in the campus.
- Participating Institute under the Unnat Bharat Abhiyan (UBA) scheme and has adopted seven villages. Received funding under Unnat Bharat Abhiyan scheme to carry out technically and socially relevant projects in the rural
- Students engagement in extension activities
 - >Training/Workshops in schools on latest technologies
 - > Awareness programmes in Villages
- Best practices successfully implemented by the Institution > Skill Acquisition and Structured Training and Placement Activities > Institutional Engagement in Community Development
- Institutional scholarships/fees concessions for deserving students.





more courses



Robotics & Automation

Scope & Opportunities:

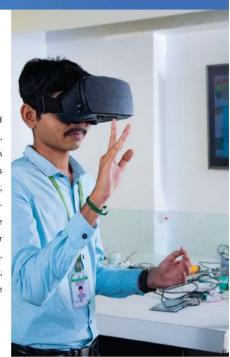
There are ample opportunities in this field for Robotics and Automation Engineers both in India as well as abroad. A Robotics and Automation Engineer can be employed in manufacturing plants, laboratories, medical fields, mining, automation sector, life sciences, aerospace engineering, agricultural engineering, gaming industry etc. They can get placed in different job profiles as robotics Test, Design, System Engineer, Analyst, Senior Robotics specialist, Robotics technicians, Robotics programmer, Aerospace Robotics Engineer, Quality assurance technician, etc. Highly Profiled Robotics and Automation graduates can be placed with a salary package of 12-15Lakhs per Annum. The average median placement package for Robotics Engineers is in the range 5 - 6 Lakhs per Annum.



Food Technology

Scope & Opportunities:

Graduates in B.Tech. Food Technology can find jobs in various Government and Private Organizations, Many firms working under the FCI (Food Corporation of India), FSSAI (Food Safety and Standards Authority of India), BIS (Bureau of Indian Standards), Food Quality Testing Laboratory recruit graduates in this field. Numerous private sector organizations offer placement for the graduates as Food Technologist, Food Engineer, Product/Process Development Scientist, Quality Manager, Nutritionist, Toxicologist and Research Scientists. Competition for job posts is less, since there are relatively lesser number of Colleges offering this course and thus lesser number of students pursuing it. Thus, landing on a good job is relatively easy in this field. Average starting salary varies, depending upon the nature of the job (Government, Private or own venture). On an average, it is between 4 - 6 Lakhs per annum. The course has a strong potential of creating Food Entrepreneurs.





IN ENGINEERING WILL EMERGE YOUR FUTURE



CSE (IoT and Cyber Security including Blockchain Technology)

Scope & Opportunities:

This stream has countless opportunities for the graduates both in Government organisation and MNCs in the fields of supply chain management, Networking, Cybersecurity, Trustworthy e-governance as Blockchain developer & consultant, Bitcoin full-stack developer, Blockchain business analyst and Financial analyst. An average IOT and blockchain developer salary in India as of 2020 is around 5 to 30 Lakhs per Annum depending on experience. As a fresher, average salary package in India is 5 to 6 Lakhs per Annum.



Artificial Intelligence & Machine Learning (AI & ML)

Scope & Opportunities:

As there are lots of opportunities in this field of Al and ML, this is the right time to upskill in the Machine Learning to grab any of the job roles for freshers may include the job of a software engineer, Machine Learning Engineer, Data Architect, data analyst or data scientist. Salary packages of Machine Learning Professionals depend on their qualifications, job roles, job profiles, and years of experience. The annual package of a fresher usually lies between 6 lakh to 9 lakh per annum. Amazon, Google, Facebook, Apple, Microsoft, Bosch Group, Wipro, Accenture, and Uber are the list of some renowned companies that recruit Machine Learning professionals.



Electrical and Electronics Engineering is an integrated core branch and deals with the design and technical aspects of Electrical and Electronics. It also includes the concepts of machine control, power generation, ransmission and distribution. In today's world and in future, Electrical Engineering provides a versatile and multidimensional career. Electrical Engineers are always in demand and will play key roles in cutting edge technologies with Renewable Energy Systems, power generation and automation fields. Electric vehicles will soon start ruling the Indian roads and Job growth is projected to be large. Electrical Engineers are always highly recruited in Public and Government sectors like Power Grid Corporation, BEL, NTPC, BHEL, SAIL, ONGC, Power Plants, State Electricity Boards etc., Scope and opportunities of Electrical Engineering in abroad are abundant and evergreen.



The modern Industry has integrated Electronics and communication mediums in all parts of operations and use of electronics and communication media has evolved as a mandate in both manufacturing and end user interface. This has leveraged the scope for ECE engineers to a greater extent. Further the Government policy in India has further created a greater requirement for skilled people with innovation in the Electronics sector. There is a huge demand in the IC manufacturing and product development sector. Further a great vacuum has been created for talents in the field due to development of technologies like 4G and 5G which are still evolving to meet the amalgamation of new technologies like AR/VR into multimedia communications. The course will benefit in building the multidisciplinary skills of students to support industries pertaining to various domains ranging from aviation to automobiles, medical services to business and furthermore.



Computer Science is a very vast discipline. The course trains the students with the basics and different aspects of computer Science & engineering. CSE is listed amongst the best and most promising career options in terms of job prospects. Technology is consistently growing in the current times and this growth has led to a surge in demand for qualified and skilled professionals in this field. After completion of course, students have access to an ocean of excellent opportunities in the areas of artificial intelligence, wireless network, computer manufacturing, web applications, animation, computer graphics, scientific modeling, data scientist, network administration. With every business and organization going digital, the IT sector today is a booming field as compared to other sectors and there is a huge demand for Computer Science Engineers and programmers. There is a wide range of job opportunities in the IT sector with a big salary package available once you become an IT professional. In fact, it has taken the top position in placements as compared to the other fields.



B. Tech (IT) engineering is a popular domain chosen by the engineering aspirants to pursue a promising career. Students studying Information Technology courses will be equipped with both theoretical knowledge and skills that will help them succeed in the Information Technology field. IT Specialists are required in almost all ranges of employment fields such as finance, arts, medicine, defense and other areas. Many opportunities are available in various IT firms all over India and abroad. Students can find a job in TOP IT MNC's companies like TCS, Wipro, CTS, Virtusa, ZOHO, Kaar Technologies, IBM, Oracle, Infosys, and Google. After this course students can work as a System Engineer, Programmer and Web Developer or as a System Administrator. The salary trend in Information Technology differs according to the job profile. The average salary range for a fresher is 3 Lakhs to 6 Lakhs INR per annum.



The future scope of Mechanical Engineering and its demand in the industry seem quite promising. According to Global Manufacturing Competitiveness index, India is at 2nd position now. India will strengthen its hold in the manufacturing sector and thus, there will be new opportunities available for Mechanical Engineers. Mechanical Engineering is one of the evergreen branches of engineering which has contributed to several innovations. These concepts are used in designing some of the best and most efficient state-of-the-art motor vehicles, manufacturing units, aircrafts as well as other industrial machinery. Apart from the machinery and vehicles, Mechanical Engineers significantly contribute towards the development of power equipment, engines and complex machinery systems. Not only the design and manufacturing, even the maintenance and testing of such machinery and equipment are considered as responsibilities of Mechanical Engineers. With the rise of modern technology, Mechanical Engineering has witnessed newfound importance in Robotics, Mechatronics, Nanotechnology, Drone Industry, Steel Plants, Rail Industry, Power plants, Metals, Automobile industry, Aerospace Industry, Defense sector etc.



Pursuing Master of Business Administration (MBA) at MVIT delivers a unique brand value to the students and enables them to shift to a progressive career path with attractive perks. It crafts students' expertise in the areas of Management, Human Resources, Finance, Marketing, Operations and Systems and equip them as liable professionals to face the global competitive business environment. Besides, students become liable with the skills required to start a new business venture/startup or become an entrepreneur. The curriculum of MBA at MVIT provides extensive exposure of industrial environment through real time projects and Internships in the areas of Business Management. In order to cope up with the changing trends in Business and Technology, the students are imparted with varied value added courses and certifications and in turn enhances soft skills and equip the required technical skills. The case study approach of MBA at MVIT familiarizes the students with the varied industrial challenges and enables them to collect, sort, analyze and develop the industrial cases in the field of Management.

OUR SIGNIFICANT ACHIEVEMENTS

























AWARDS AND ACHIEVEMENTS

- Winner of Smart India Hackathon for the past 3 consecutive years.
- Winner of AICTE Chhatra Vishwakarma Award 2020 by K.Manoj Kumar, P.ShanthaniShri, Seenuvasan, Keerthana Arvind & Dr.R.Valli
- Winner of India International Science Festival 2021 by K.Manoj Kumar, Lavanya.V under Engineering category
- Winner of AICTE-MANTHAN 2021 by Yazhini Sivasankari B, Madhumidha B, Loga Janani R, Sandhiya R, Annuncia Mary A and Subalakshmi S

- Winner of TOYCATHON 2021 5 teams won the Toycathon 2021, an inter-ministerial initiative organized by Ministry of Education's Innovation Cell.
- Winner of NDRF 1 team received Gold Medal in NDRF 2019 and Bronze Medal in NDRF 2017 for the best project
- Winner of ICT Academy Awards Academic Excellence Award 2016, Youth Talk 2017, Best Practice award 2017, Best Coordinator Award 2018 & Best Institution Award 2019
- World Record Creation Recognized by Kalam Book of World Records. 4 independent world records created by S.Premkumar (Mech 2020 Batch), V.Pragathees (CSE 2022 Batch) & C.Jayasuriya (CSE 2022 Batch), P.Jothika (CSE 2023 Batch) and K.Vinoth kumar (ECE 2025 Batch)

- Best Social Worker of the year 2019 was awarded to Siva Pavithran (IT - 2020 Batch)
- Our Institution received "Best Accredited Student Branch" Award from Computer Society of India (CSI) for the year 2019
- Dr.B.Radjaram, Professor/MECH has won the ISHRAE Presidential award 2022
- Dr.R.VALLI, Prof/ECE participated in the study tour to UK under AICTE-UK Leadership programme, she also received "Most Promising Educator in Higher Education Award" Posted in ULektz Wall of Fame and AUROPATH GLOBAL AWARD 2019 for Distinguished Professor
- Dr.P.Sivakumar, Professor/IT has received both active SPOC Appreciation award from SWAYAM – NPTEL, IIT-Madras consistently for 4 years and NPTEL-Discipline STAR award
- Mrs.R.Priya AP/EEE received the fellowship Award "Swachhta Saarthi Fellowship (SSF) 2021"
- Dr.M.Jayekumar, Placement Officer received Best Academic Coordinator award 2018 by ICT Academy
- Dr.S.Pariselvam, Prof/CSE was honoured with "Longest Continuous student Branch Coordinator" Award by Computer Society of India"

OUR MAJOR EVENTS



National level Science Project Contest



National level Technical Symposium



Placement Offer Letter Distribution



Annual Sports and Cultural Day



Mega Job Fair



Career Guidance Program



Distribution of Degree Certificates



IEEE International Conference



National Level Management Meet



HR Meet



National Conference



Panel of Conference Organisers

ALUMNI VOICES



B.Tech (EEE) 2017 Batch

During my four years at MIT, I had several opportunity to develop analytical abilities, leadership, and proactive thinking through various programmes and events. These characteristics were critical in my being employed at 'ZOHO,' and I owe a big debt of gratitude to all of my instructors and friends for helping me get here. The MIT Team has my undying appreciation and admiration for their support and encouragement; without them, none of this would have been possible.

MUKILAN. S., Member Technical Staff, ZOHO CORP. PVT. LTD.





B.Tech (CSE) 2019 Batch

I am always glad to boast that I was an MIT student since it moulded me in a positive way and gave the best platform for each of us to achieve our goals. MIT has been a great help to me in every manner from quality education to personal development. It had been a terrific asset in showcasing my abilities and accomplishing my ambitions.

U.VIMAL PRIYAN, SAP Analytics Consultant, KAAR TECHNOLOGIES





The term "PREDICTION" emanates at MIT, where skill development in both technical and non-technical areas is enhanced. Our faculty members are the most important assets, since they are the ones who ensure that our college produces exceptional results. The first foundations of life and knowledge were transmitted to them over a four-year full-time education with them. We say knowledge is power, and I say, "Our institution is the engine of knowledge."

2020 Batch

S.PREMKUMAR, Social Activist & Chairman, VIZHIGAL FOUNDATION

I am grateful to MIT for providing us with such a beautiful learning atmosphere. Pre-placement lectures and insights were provided by the placement cell to help students succeed in their employment interviews. As a result of the training sessions, we were able to strengthen and develop our skills. All of the lecturers are enthusiastic about assisting us in bridging the gap between theory and professional practice. I was able to acquire a position at one of the reputed company with a lucrative package with the support of my parents and the Placement Cell.





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PROFESSIONAL ASSOCIATIONS AND CLUBS

IEEE - INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS

ISTE - INDIAN SOCIETY FOR TECHNICAL EDUCATION

IETE - INSTITUTE OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS

ISTD - INDIAN SOCIETY FOR TRAINING AND DEVELOPMENT

CSI - COMPUTER SOCIETY OF INDIA

CIL-CONFEDERATION OF INDIAN INDUSTRY

NIPM - NATIONAL INSTITUTE OF PERSONNEL MANAGEMENT

IE(I) - INSTITUTION OF ENGINEERS

MMA - MADRAS MANAGEMENT ASSOCIATION

ASDF - ASSOCIATION OF SCIENTISTS DEVELOPERS AND FACULTIES

IWN - INDIAN WOMEN NETWORK

NIQR - NATIONAL INSTITUTE FOR QUALITY AND RELIABILITY

IIC - INSTITUTE INNOVATION COUNCIL, MHRD

ICT ACADEMY OF TAMILNADU

BC - BRITISH COUNCIL

ISHARE - INDIAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS

DELNET NPTEL - SWAYAM

MALIBNET R &D CELL

ED CELL

FOSS CLUB - SPOKEN TUTORIAL PROJECTS - IIT, MUMBAI

INNOVATION CLUB MVIT BLOSSOMS

ENERGY CLUB

CULTURAL CLUB GATE/GRE/TOEFL CLUB

STAFF RECREATION CLUB

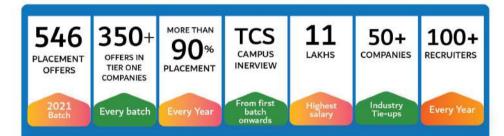
NSS - NATIONAL SERVICE SCHEME

RRC - RED RIBBON CLUB

MITAMEET - MIT ALUMNI ASSOCIATION

DEPARTMENT ASSOCIATIONS

IPR CELL - INTELLECTUAL PROPERTY RIGHTS CELL





OUR MAJOR RECRUITERS































































Placement offers in 2022 batch













Offers in tier one Companies

On Campus

Lakhs P A Average

Salary

4.0

MOU WITH REPUTED INDUSTRIES

