MANAKULA VINAYAGAR
INSTITUTE OF TECHNOLOGY
Kalitheerthal kuppam, Puducherry – 605 107

DEPARTMENT OF INFORMATION TECHNOLOGY

IT-Xtra *in addition...*
MAGAZINE
2019 - 2020
Volume 5

VISION OF THE DEPARTMENT

To transform the individuals into globally proficient Information Technologists, to meet the challenges of the evolving society.

MISSION OF THE DEPARTMENT

M1: Higher Order Thinking: To provide quality education in both theoretical and practical aspects in the field of Information Technology.

M2: Competency: To equip the students to cater the industrial demands through providing advance training.

M3: Continuous Learning: To encourage and guide the students to participate in research oriented activities and pursue higher education.

M4: Entrepreneurship: To inculcate the spirit of entrepreneurship among students to serve the nation.

★ Educate   ★ Empower   ★ Excel

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VISION OF THE INSTITUTION

To accomplish excellence in the field of technical education and scientific research on regional, national and international levels through committing to total quality for its faculty, providing excellent infrastructure, research facilities and conducive atmosphere that would motivate the students in the pursuit of knowledge in Engineering and Technology.

MISSION OF THE INSTITUTION

♦ To provide in depth knowledge in fundamentals to students to improve their learning and analytical skills.

♦ To provide our students with the most progressive, relevant and well rounded academic programs, supporting their learning through advanced and extensive resources.

♦ To promote interaction with industries and other institutes of higher learning to equip our students to face the challenges on real time problems.

♦ To develop the overall personality of the students to mould them into a good citizen with integrity and morality.

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Program Educational Objectives (PEOs)

PEO1: **Employability:** Graduates apply the knowledge of computations, engineering and technology to pursue a good career in the Information Technology.

PEO2: **Higher Education:** Graduates will participate in life - long learning through the successful completion of advanced degrees, continuing education and other professional developments.

PEO3: **Entrepreneurship:** Graduates will have the ability to exhibit their leadership quality and enable them to become an entrepreneur.

PEO4: **Ethics:** Graduates cultivate professional and ethical attitudes with effective communication skills, team work and multi - disciplinary approach related to engineering issues.

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Program Outcomes (POs)

PO1: Engineering knowledge: Apply the knowledge of Mathematics, Science, Engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2: Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4: Conduct investigations of complex problems: Use research - based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

PO6: The Engineer and Society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10:Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11:Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a Member and leader in a team, to manage projects and in multidisciplinary environments

PO12:Life - long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes (PSOs)

PSO1: Products Development: Ability to apply mathemattical methodologies to solve computation task, Model real world problem using appropriate data structure and suitable algorithm.

PSO2: Design Thinking: Ability to use knowledge in various domains to identify research gaps and solve complex problems, using latest hardware and software tools, along with analytical skills to arrive cost effective and appropriate solutions.

MAJOR EVENTS

SCIMIT'20 – A National Science Day Celebration, a Mega Science Project Exhibition, Students from various colleges and schools of Puducherry, Tamilnadu and southern states participate in this grand programme to exhibit their Projects on 28.02. 2020.

Inauguration of **Institution of engineer (India), Pondicherry MIT Students Chapter** by our Chief Guest Mr.P.M.Shiju, founder and CEO ,MIWAFES consulting private Ltd,Chennaiat MIT on 7th September 2019.

Accreditation of NBA, A committee visits for 3 days 26.12.19 to 28.12.19 to accredit Department of Information Technology. And got **Accreditation for 3 years.**

National Level Technical Symposium- MITILENCE '20 on 14.02.2020and 15.02.2020our MIT campus as a part of student's development activities.

GUEST LECTURES

Guest lecture on "**Data Science**" for III year IT students by Mr.Uthayakumar, MCA, Founder & CEO, Genesys on 05.07.19

Guest Lecture on "**Current Trends in Programming Language**" for II year IT students by Mr.Uthayakumar, MCA, Founder & CEO, Genesys on 5.07.19

Guest Lecture on "**How To Do The Engineering Projects**" delivered by Mr. Uthayakumar,MCA Founder & CEO, Genesys Academy, Puducherryfor IV Year IT Students on 17.7.0219.

Guest Lecture on "**Gate Forum Awareness Program on Importance of Gate & PSU Jobs**"for IV Year IT Students on 26.08.19.

GUEST LECTURES

Guest Lecture on "**Programming Logical Thinking**"by P.Lokesh, Program Analyst, Hackerearth for II year IT Students 25.01.20

Guest Lecture on "**Software Development and Automation**"by Ms. Nusrath Rafath, Technical Test Lead, Infosys Ltdfor III year – IT Studentson 22.02.20

One day Guest Lecture on "**Speech Processing System**" by Dr.V.Uma, Associate Professor, Dept of CSE, Pondicherry University.on 06.03. 20

Guest Lecture on "**Robotic Process Automation using Tools**" by Mrs.Padma Manikandan, Senior Associate, Cognizant Technology Solutions, Chennai on 14.03.20

WORKSHOPS

Internal workshop is conducted for III year IT students on "**PL-SQL**" during 04.07.2019 and 05.07.2019

One day Workshop on "**Testing of Electronic Devices in Hardware**" by Mr.Raja, Trainer, Raja Electronics Institute, Chennai for II year IT Students on 05.08.2019

Two day Internal Workshop on "**Arduino & its Application**", conducted by Mr.K.Premkumar, AP/IT/MVIT for II year IT Students on 24th & 31st August 2019

Workshop on "**Cloud Computing**", conducted by Mr.V.Dharanidharan, Azure Developer,Birla Soft, Bangalure for IIIyear IT Students on 31st August 2019

WORKSHOPS

Internal Workshop on "**Industry 4.0 and Data Analytic tools**" , conducted by Mr.P.M.Shiju, Founder & CEO, MIWAFES Consultancy Private Ltd. Chennai for III & IV year IT Students on 7th September 2019

Three Days Workshop on "**IOT Application Development**" was conducted by Mr. P. Baskar, Senior System Architect, RIDSYS Technologies Pvt. Ltd, Puducherry from 05/02/2020 to 07/02/2020

Our Dept Organized Two Days Online Certification Course on "**Automation Anywhere**", in association with ICT Academy, Puducherry for IV Year on 10 &11.2.2020 and for II & III year on 27 &28.1.2020.

Our Department IV year IT – 15 Students have participated in 7 days Workshop on "**ADX 201 – Salesforce**", organized by ICT Academy, Puducherry at MIT, Puducherry on 3rd to 10th September 2019.

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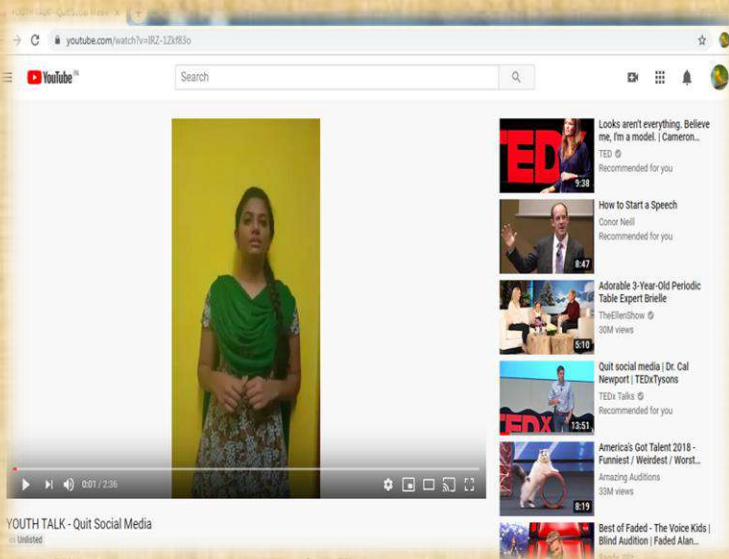Manakula Vinayagar Institute of Technology

CONTESTS & EVENTS

Our Department III year Students Hashvandhini & Lavanya, Inshaniya Bagadhur, Harshana have participated in **MHRD's innovation cell – project contest** at VIT, Chennai on 14th August 2019.

Our Department III & IV year IT Students have participated in **NIIT – C CODING CONTEST**, organized by IT Department Association at MIT on 27th August 2019.

Our Department 22 Students of III year, 10 Students of III year &one Final Year Students have participated in the **Youth Talk Contest**, organized by ICTACT Academy, Puducherry at MIT on 3rd- 5th September 2019.

Organized "**Android Application Project Contest**" for Various College Students at MIT, Organised by Department of Information Technology, Puducherry on 05.03. 2020.

CONTESTS & EVENTS

Our Department final IT (71 Students) and III year IT Students (10 Students) have participated in the **AWS-Cloud Literacy Day 2019**- Organized by ICT academy on 22.9.2019.

Our Department III year IT Students, Ramsugumar. Dhivyabharathi&Amudha have participated in **Garnishing Talent Programme – Soft Skill, Organized by CII**, Puducherry at every Saturdays of August & September 2019.

Our Department III year IT StudentsHarish,Sidharthan, Dinesh Kumar, Devika, Janavika& swathi have attended the Awareness Program on **Start up – Ignite at Atal Incubation Centre**-Pondicherry Engineering College on 28.1.2020

NSS

Our NSS Students undergone **Summer Internship Programme(Swatch Bharat)** at Kurivinatham, Puducherry on 31st July – 1st August 2019.

Glimpses of BRIDGE 2020

Won **Academic Partner Excellence Award 2020 in BRIDGE 2020** held at Chennai on 28th February 2020 conducted by ICT Academy, Chennai.

Received **Center of Excellence Award from BOTLAB - Automation Anywhere,** in Bridge 2020 conducted by ICT Academy, Chennai.

AWARDS AND ACHIEVEMENTS

Our Department IV year students U.Vimalpriyan, C.Sivaganaesh, K.Seranjivi have won **Second Prize with cash amount 3000 in Project Competition – GYNAITH 2020** titled as Hospital & Blood Donar Finding System using android at NIT, Karaikal on 06.03.20

Our Department III year Students of Madhavan has won **third prize in best physique – 75 KG in Puducherry Sports, Games & cultural Meet- 2020,** organized by Karaikal Polytechnic college, Varichikudy on 3rd February 2020.

Rajnivas.M, II/IT has **Second Prize with cash amount Rs.150** in A National Level technical Symposium – **PRESTO 2020** of Technical Event – **Brain – O – Brian** at Rajiv Gandhi college of Engineering & Technology, Puducherry on 6.3.2020 – 7.3.2020.

Our Department IV year Students (2 Batches), III year Students (4 Batches) have Participated in **Innovators 2K19 – Project Contest** at SMVEC on 13th September 2019.

INDUSTRIAL VISITS AND INTERNSHIPS

Our Department organized a two day Industrial visit to **KGiSL institute of technology and Webnox Technologies** Coimbatore for III year IT students on 19 and 20 July, 2019

Our Department II year IT Students have under gone the Industrial Visit to **Lenova, Pvt, Ltd.,** Puducherry on 12th July 2019.

Our Department organized a one day Industrial visit to **Dell International Services India Private Limited**, Chennai for II year – IT Students on 24th January 2020.

Our department Marie Augustien raj, IV year undergone **6 months internship Programme in ZOHO corp**, Chennai.

FACULTY CORNER

Our Department Staff members Dr.P.Sivakumar & Mr.K.Vijayakumar have undergone **Industrial visit to EATON**, Sedarapet on 27th November 2019

Our Department All Staff members have undergone **Industrial visit to Lenova Pvt.Ltd., Puducherry** on 6th December 2019.

FACULTY CORNER

Dr. P. Sivakumar, Prof& HOD/IT , received the **Global Achievement Award For Education Excellence-2020** from EGSI, New Delhi on January 2020.

Dr.P.Sivakumar , Prof & HOD/IT has received **active SPOC Appreciation certificate** from SWAYAM – NPTEL,IIT-Madras consistently 3 years and also completed 7 NPTEL certificate Courses. with one **Gold Medal** on December 2019.

Ms.A.Punitha, has awarded **Top performing Mentor for NPTEL** Online Certification Course on Dec 2019.

Mr.M.Suresh, Awarded**Software Training Awareness Mentor from Spoken Tutorial, IIT Bombay, MHRD, Govt of India** on June 2019

FACULTY CORNER

Dr.A.Meiappane has Attended **Workshop on AICTE-UKIERI Technical Leadership Programme, at NEHU, Shillong, Meghalaya** on 18th – 21st June 2019.

Dr.P.Sivakumar, has attended 3 days **Workshop on Introduction to Cryptography Algorithms and their Validation at IISC, Bengaluru** on 3rd – 5th July 2019.

Dr.P.Sivakumar,Dr.A.Meiappane, Mr.K.Vijayakumar&Ms.A.Punitha have attended 4 days FDP on the **IMPACT- skill Development for Class Room Management,** MIT, Puducherry on 10th – 12th June 2019.

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Medical College Campus, Kalitheerthal Kuppam, Puducherry - 605107

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PLACED STUDENTS DETAILS (2016-2020)

MARIE AUGUSTIN RAJ.A ZOHO(Internship) 6.5 Lakhs	**PRAVEEN KUMAR.V** KAAR TECHNOLOGIES 4.5 Lakhs	**VIMALPRIYAN.U** KAAR TECHNOLOGIES 4.5 Lakhs	**SIVAGAMI.S** GAVS 3.5 Lakhs	**SWETHA.G** GAVS 3.5 Lakhs
ABARNA.M HCL 3.5 Lakhs	**ALEXIA.A** HCL 3.5 Lakhs	**NETHEANANDHAN.A.C** HCL 3.5 Lakhs	**HARSHINI.V** SUTHERLAND 2.5 Lakhs	**SHEEBHA.A.B** SUTHERLAND 2.5 Lakhs
ANANTHARAMAN.R JUST DIAL 3 Lakhs	**SARANIDARAN.K** JUST DIAL 3 Lakhs	**SERANJIVI** JUST DIAL 3 Lakhs	**SOPHIA NADINE.A** SOPRA STERIA 4.6 Lakhs	**SIVAGANESH.C** HEXAWARE 2.5 Lakhs
MOHAMMED HASVAK HEXAWARE 2.5 Lakhs	**JAYARAM.V** PARAGON 2 Lakhs	**ILLAKIYA.S** PARAGON 2 Lakhs	**NANDHINI.A** ATOS SYNTEL 4.4 Lakhs	**PRESIELA.J** ATOS SYNTEL 4.4 Lakhs

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PLACED STUDENTS DETAILS (2016-2020)

AMARNATH.G TCS 3.5 Lakhs	**BRAINARD SAMUEL.R** TCS 3.5 Lakhs	**DHARANI.R** TCS 3.5 Lakhs
GEETHA LAKSHMI.R TCS 3.5 Lakhs	**GIRIDHARAN.S** TCS 7.5 Lakhs	**JAYARAM.V** TCS 3.5 Lakhs

MANIKANDAN.K TCS 3.5 Lakhs	**NALINAKUMARIY.A** TCS 3.5 Lakhs	**PREETHIKA.B** TCS 3.5 Lakhs
PRIYADHARSHINI.D TCS 3.5 Lakhs	**PRIYANGA.P** TCS 3.5 Lakhs	**SHAKILA.S** TCS 3.5 Lakhs

KOWSALYA .T TCS 3.5 Lakhs	**JANANI A P** Learnshit Global English 2.5 Lakhs	**JOSEPH CHARLES.A** Learnshit Global English 2.5 Lakhs
BHARATH KUMAR.M CTS 4 Lakhs	**MADHUMITHA.S** CTS 4 Lakhs	**SHEEBHA.A.B** CTS 4 Lakhs

AJITHA.K SUTHERLAND 2.5 Lakhs	**BALAJI.R** SUTHERLAND 2.5 Lakhs	**HARSHINI.V** SUTHERLAND 2.5 Lakhs	**VIJAYARAM ABISHEK.R** LSE 4 Lakhs

Congratulations!

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Thanks.....

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