ANNA UNIVERSITY
MIT Campus, Chennai-600025.
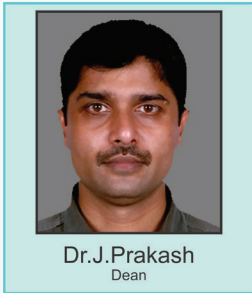
INFORMATION
BROCHURE

2023

UNIVERSITY ADMINISTRATORS

Prof. R. VELRAJ
Vice Chancellor

Dr. G. RAVIKUMAR
Registrar i/c

Dr.J.Prakash
Dean

FORMER DIRECTORS / DEANS

K. SREENIVASAN
Director (1960 - 1971)

T. KRISHNAN
Director (1971 - 1974)

Prof. K.S. HEGDE
Director (1977 - 1979)

Prof. S.P. HORE (I/c)
Director (1979 - 1980)

Prof. Dr. S. SATHIKH
Director (1980 - 1989)

Prof. Dr. N.S. VENKATARAMAN
Director (1989 - 1993)

Prof. Dr. A. MATHIALAGAN
Dean (1993 - 1996)

Prof. Dr. S. GANAPATHY
Dean (1996 - 1999)

Prof. Dr. S. RENGANATHAN
Dean (1999 - 2002)

Prof. Dr. K. JAYARAMAN
Dean (2002 - 2004)

Prof. Dr. P. KANAGASABAPATHY
Dean (2004 - 2008)

Prof. Dr. A. JOSEPH STANLEY
Dean (2008 - 2011)

Prof. Dr. S. THAMARAI SELVI
Dean (2011 - 2015)

Prof. A. RAJADURAI
Dean (2015 - 2018)

Prof. T. Thyagarajan
Dean (2018 - 2022)

ANNA UNIVERSITY - VISION

The vision of Anna University is to be a world class institution by producing professionals with high technical knowledge, professional skills and ethical values, and remain as a preferred partner to the industry and community for their economic and social development through excellence in teaching, research and consultancy. Anna University shall be recognized as a point of reference, a catalyst, a facilitator, a trend setter and a leader in technical education.

ANNA UNIVERSITY - MISSION

Anna University shall contribute to the educational, economic and social development by

❖ producing students who are intellectually and technically equipped with well-defined knowledge, skills and ethics who are creative thinkers, inspiring leaders and contributing citizens.

❖ introducing high quality academic and research programmes and providing extension services in cutting edge technologies.

❖ ensuring a supportive campus climate with dynamic leadership and development opportunities to meet the needs of the students, faculty and staff.

❖ enhancing academic productivity through induction of quality faculty, accelerated graduation, credit banking, augmented continuing education opportunities and adoption of current technology.

❖ sharing the intellectual resources and the infrastructural facilities among the academia from other institutions and among the industrial society, funding agencies and government.

❖ enhancing the collaborative partnership between Industry and Institute for commercializing and transferring the latest technological know-how towards societal development.

❖ setting up a Global University Network Campus that embodies the ideals of an open, democratic and global society catering to the needs of the global community and satisfying cultural, ethnic and racial diversity.

❖ expanding global participation spread across continents with the aid of interactive satellite based education and the usage of digital library.

❖ enriching the national and international character of the University.

❖ ensuring efficient administrative coordination and effective decision making through necessary reforms and by strategically allocating resources.

❖ benchmarking against technologically sound global leaders with a view towards continuous improvement.

BRIEF HISTORY OF ANNA UNIVERSITY

Anna University was established on 4th September, 1978 as a unitary type of University. This University was named after Late Dr. C. N. Annadurai, former Chief Minister of Tamil Nadu. It offers higher education in Engineering, Technology, Architecture, Applied Sciences and Management relevant to the current and projected needs of the society. Besides promoting research and disseminating knowledge gained there from, it fosters cooperation between the academic and industrial communities. The University was formed by bringing together and integrating four well known technical institutions in the city of Madras (now Chennai)

Anna University Main Entrance

❖ College of Engineering, Guindy (CEG), (Established in 1794)

❖ Alagappa College of Technology (ACT), (Established in 1944)

❖ Madras Institute of Technology (MIT), (Established in 1949)

❖ School of Architecture & Planning (SAP), (Established in 1957)

The University is situated in the southern part of the city of Chennai and it is 3 kms. from the nearest Railway Station (Guindy) and 10 kms. from Chennai Airport. The University's Main Campus extends over 189 acres abutting the Adyar

River on the north and Raj Bhavan on the south. The Madras Institute of Technology at Chromepet constitutes the second campus of the University which extends over 52 acres. A third campus extending over 5 acres is located at Taramani, Chennai. These campuses have a variety of buildings serving the various needs of the University community. In 2001, Anna University was converted to an affiliating type University by bringing together all the Engineering colleges in the State of Tamil Nadu and was again reconverted to the unitary type in 2010. In 2012, Anna University was again converted to an affiliating type of University by bringing together all the Engineering Colleges in the State of Tamil Nadu under one umbrella to ensure uniform quality in Engineering Education. In addition to the above, 4 University Department Campuses (CEG/MIT/ACT/SAP Campuses), presently, Anna University has 13 Constituent Colleges, 3 Regional Campuses at Tirunelveli, Madurai and Coimbatore and 593 Affiliated Colleges (Government, Government Aided and Self-Financing Colleges).

UNIQUE RECOGNITIONS

University with Potential for Excellence: University Grants Commission has recognized Anna University as "University with Potential for Excellence" (UPE) in the XII plan period for its expertise to develop Research & Development activities in the area of Biomedical Engineering and Applications.

NIRF-2019 Ranking : In the National Institutional Ranking Framework (NIRF) Ranking 2019 by the MHRD, New Delhi, Anna University is ranked as below among the various Universities/Institutions that took part in the NIRF 2019 in India.

- ❖ 20th Rank in the University Category
- ❖ 17th Rank in the Engineering Category
- ❖ 29th Rank in the Architecture Category
- ❖ 22nd Rank in the Overall Category
- ❖ 49th Rank in the Management Category

NAAC : NAAC re-accredited Anna University with a CGPA of 3.46 on a four-point scale (highest among all the State University of Tamil Nadu at that time) at "A" grade valid for a period of five years from 24th September 2014.

OTHER RECOGNITIONS

- ❖ UGC has recognized Crystal Growth Centre, Anna University as a National Facility.
- ❖ Institute of Remote Sensing (IRS) has been recognized by Government of India for coastal zone regular mapping. It is also the first state Centre to establish GIS.
- ❖ National Centre for Sustainable Coastal Management (NCSCM) has been established by the Ministry of Environment, Forest and Climate Change with a grant of Rs.200 Crore at Anna University to promote sustainable coasts through increased partnerships, conservation practices, scientific research and knowledge management for the benefit of current and future generations.
- ❖ National Hub for Healthcare Instrumentation Development (NHHID), a national facility was established with an initial funding of Rs.12.4 crore for DST to promote the development of indigenous products, calibration standards, platform technologies and human resource development in the healthcare area, for the country.
- ❖ ANUSAT developed by Anna University is the first satellite designed, developed and operated by an Indian University (It was launched on 21.04.2009 and operated in orbit for a period of three years).
- ❖ Anna University has been selected for support under the Tamil Nadu Innovation Initiative Scheme (TANII) for Rs.20.00 Crore towards the design and development of Unmanned Aerial Vehicle (UAV), to make use of it during natural calamities and to keep a check on security threats and dangers.
- ❖ Department of Science and Technology (DST) supports Anna University under Promotion of University Research and Scientific Excellence (DST-PURSE) scheme.
- ❖ Currently there are 14 SAP (Special Assistance Programme) recognized Departments with a grant of Rs.16.98 Crore from UGC and 17 Departments under FIST scheme with a grant of Rs.16.90 Crore from DST.
- ❖ India's first RPTO (Remote Pilot Training Organization) in the small and medium category under UAS Rules 2021 approved by DGCA, GOI. Tamil Nadu Government established Unmanned Aerial Vehicle Corporation (TNUAVC) partnering with MIT, Anna University in 2022.

MADRAS INSTITUTE OF TECHNOLOGY CAMPUS

Madras Institute of Technology (MIT) is a pioneering technological institution imparting high quality technical education. This Institution was established in July 1949 by illustrious industrialist Thiru.C.RAJAM. MIT is the first institute in India to offer an unconventional professional courses namely: Aeronautical Engineering, Automobile Engineering, Electronics Engineering and Instrumentation Engineering. The academic excellence of MIT soon resulted in its conglomeration with three other institutions to form there puted Anna University in September 1978.
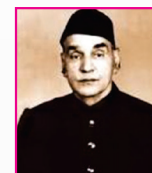
Shri. C.Rajam, Founder

MIT South Gate Entrance

In addition to the above courses the institution offers a variety wide range of UG courses namely: Production Technology, Rubber and Plastics Technology, Computer Science and Engineering and Information Technology. The details of PG course offered and Thrust areas of Ph.D. programmes are presented in the later part of the brochure. The institute satiates the technical thirst of many young aspiring professionals through state-of-the-art facilities, excellence infrastructure, high quality Laboratories and Centres of excellence that provide the students with the required medium to perform.

The institute has received generous funding support from various National and International Funding agencies. In additional to this, faculty of international repute, a brilliant student community and above all an efficient administration ultimately provides a stimulating environment conducive to studies and research. Since its inception, it has had many feathers to its cap. MIT received best Engg. College award from Indian Society for Technical Education (ISTE) in 1999. It is also known for having produced some of the finest luminaries in India, the first of course being the Past President of India. Dr. A.P.J.ABDUL KALAM. The present Registrar Prof. L. Karunamoorthy is also one of our distinguished alumni of MIT. The alumni of MIT have not only scaled great heights in their careers but also have been courteous enough in contributing towards the development and welfare of the institution. One such proficient alumnus Dr. K.B. Chandrasekar played a seminal role in the establishment of the AU-KBC Research Centre. The Hon'ble Chief Minister Late Dr. J. Jayalalithaa had made the announcement on 20.09.2016 to establish a Centre of Excellence in MIT Campus and 5 linked Technical Skill Development Institutes (t-SDIs) in Tamilnadu through Public Private Partnership (PPP) in collaboration with Siemens and Designtech Limited at an estimated cost of Rs.546.84 crore with state contribution of Rs 54.68 Crores from Tamilnadu Skill Development Corporation Limited and the name was inaugurated by Hon'ble Chief Minister Thiru E. Palanisamy during October 2018.

LIST OF DIRECTORS

Sl.No	Name of the Directors	Period
1.	Raobahadur. M. K. Ranganathan	1949-1954
2.	Prof. N. Srinivasan	1954-1959
3.	Prof. I. Ramakrishna Rao (In-charge)	1959-1960
4.	Prof. K. Srinivasan	1960-1971
5.	Prof. T. Krishnan	1971-1974
6.	Prof. S.P. Hore (In-charge)	1974-1977
7.	Prof. K. S. Hegde	1977-1979
8.	Prof. S.P. Hore (In-charge)	1979-1980
9.	Prof. S. Sathikh	1980-1989
10.	Prof. N. S. Venkataraman	1989-1993

LIST OF DEANS

Sl.No	Name of the Directors	Period
1.	Dr. N. S. Venkataraman	1993
2.	Dr. A. Mathialagan	1993-1996
3.	Dr. S. Ganapathy	1996-1999
4.	Dr. S. Renganathan	1999-2002
5.	Dr. K. Jayaraman	2002-2004
6.	Dr. P. Kanagasabapathy	2004-2008
7.	Dr. A. Joseph Stanley	2008-2011
8.	Dr. S. Thamarai Selvi	2011-2015
9.	Dr. A. Rajadurai	2015-2018
10.	Dr. T. Thyagarajan	2018-2022

DEAN : Dr. J. Prakash, dean@mitindia.edu, 044-22516001

HEADS OF DEPARTMENTS / HEAD IN-CHARGE

Sl. No	NAME OF THE DEPARTMENT	NAME OF THE HOD	CONTACT NO.
1	AEROSPACE ENGINEERING (AE)	Dr. K. M. PARAMMASIVAM	22516386
2	AUTOMOBILE ENGINEERING (AM)	Dr. K. ANNAMALAI	22516337
3	ELECTRONICS ENGINEERING (EE)	Dr. P. INDUMATHI	22516349
4	INSTRUMENTATION ENGINEERING (IE)	Dr. S. SRINIVASAN	22516320
5	PRODUCTION TECHNOLOGY (PT)	Dr. A. SIDDHARTHAN	22516369
6	COMPUTER TECHNOLOGY (CT)	Dr. P. JAYASHREE	22516230
7	INFORMATION TECHNOLOGY (IT)	Dr. M. R. SUMALATHA	22516021
8	RUBBER & PLASTICS TECHNOLOGY (RPT)	Dr. L.S.JAYAKUMARI	22516330
9	APPLIED SCIENCES & HUMANITIES	Dr. V. PONNUSAMY	22516136

DIRECTORS OF RESEARCH CENTRES

Sl.No	NAME OF THE CENTRE	NAME OF THE DIRECTOR	CONTACT NO
1	AU-KBC RESEARCH CENTRE	Dr.P. JAYASHREE	22516230
2	CENTRE FOR AEROSPACE RESEARCH (CASR)	Dr. K. SENTHIL KUMAR	22231165
3	CENTRE OF EXCELLENCE IN AUTOMOBILE TECHNOLOGY (CEAT)	Dr. K. ARUNACHALAM Professor & Director	22516339
4	CENTRE FOR INTERNET OF THINGS (CIOT)	Dr. P.T.V. BHUVANESWARI Professor & Director	22516097
5	CENTRE FOR ROBOTICS AND AUTOMATION	Dr. K. LATHA Professor & Director	22516037

HEADS / CO- ORDINATORS OF CENTRAL FACILITIES / UNITS

Sl.No	NAME OF THE CENTRAL FACILITY / UNITS / DIVISION	NAME OF THE OFFICERS	CONTACT NO
1	APPLIED SCIENCES & HUMANITIES	Dr. V. PONNUSAMY Co-ordinator, Division of ASH	22516136
2	COMPUTER CENTRE	Dr. B. VINAYAGA SUNDARAM Head, Computer Centre	22516318
3	LIBRARY	Dr. K.M. PARAMMASIVAM Professor - Incharge	22516384
		Dr. K.S.SIVAKUMARAN Assistant University Librarian Gr-1	
4	CENTRAL WORKSHOP	Dr. A. SIDDHARTHAN Professor - incharge	22516033
5	EXAMINATION CELL - MIT	Dr. RADHA SENTHIL KUMAR & Mr. B. VASANTHAN Deputy Controller of Examination	22516116
6	HEALTH CENTRE	Dr. V.P. JAYA CHITRA Deputy Director	22516228

7	SPORTS BOARD	Dr. K. LATHA Deputy Chairperson	22516037
8	PHYSICAL EDUCATION, (NSO)	Dr. B. BALAKUMARAN Asst.Director Physical Edu. & Sports	22516345
9	ZONAL OFFICER	Dr. M. KANNAN Zonal Coordinator	22516236
		Dr. K. ELANGOVAN Zonal Officer	22516058
10	OFFICE OF THE DEAN	Dr. M. MAHESWARAN Deputy Registrar	22516301
		Mrs. M. SRIMATHI Superintendent	22516000
		Mrs. S. AKILA Steno to Dean	22516002
11	PLACEMENT & TRAINING	Dr. S. MUTHURAJ KUMAR Placement & Training Officer	22516318
12	CENTRE FOR ENTREPRENEURSHIP DEVELOPMENT	Dr. S. NEELAVATHI PARI Asst.Director	22516226
13	SIEMENS COE	Dr. J. JANCIRANI Nodal Officer	22516226
		Dr. K. MARIAMMAL Deputy Nodal Officer	22516135
		Mr. S. SUNIL Deputy Nodal Officer	22516071
14	WORKS & MAINTENANCE	Mr. S. PARAMASIVAM Junior Engineer, Civil	22516196
		Mr. R. RANGANATHAN Electrical In-charge	22516197

WARDEN / EXECUTIVE WARDEN / DEPUTY WARDENS			
S.No.	NAME	DESIGNATION	CONTACT NO.
1	Dr. J. Prakash	Dean & Warden	22516001
2	Dr. D. MEGANATHAN	Executive Warden	22516118/119
3	Dr. C. SENTHIL KUMAR	Deputy Warden	22516095
4	Dr. C. NANDAKUMAR	Deputy Warden	22516369
5	G. ANAND KUMAR	Deputy Warden	22516372
6	Dr. S.P. JOY VASANTHA RANI	Deputy Warden	22516096
7	Dr. D. KALPANA	Deputy Warden	22516156

LIST OF CLUBS & STAFF IN-CHARGE

S.No	Club Names	Staff i/c.	Contact No.
1	MIT Athenaeum	Dr. K. Annamalai, Dr. P. Pabitha Vice Presidents	22516072
2	MIT Museum		
3	NSS – National Service Scheme	Dr. K.M. Veerabadran NSS Officer	22516142
		Dr. J. Ramajothi NSS Officer	22516141
		Dr. S. Neelavathi Pari NSS Officer	22516226
		Dr. K. Mariammal NSS Officer	22516094
		Mrs. A. Divya NSS Officer	22516092
		Dr. G. Kumaresan NSS Officer	22516128
		Mr. M. Manoj NSS Officer	22516369
4	MIT MeT - MIT Meteorology Team	Dr. K.M. Veerabadran NSS Officer	9841261447
5	YRC – Youth Red Cross	Dr. G. Anand Kumar Dr. M. Vijaykumar Karthick	9994195762 22516075
6	NSO – National Sports Organization	Dr. B. Balakumaran	9444036313
7	Rotaract Club of MIT	Mr. B. Vasanthan	9894864529
8	MIT -Vibez	Dr. A.R.S. Jayanth	9940692756
9	MyT Black Crew		
10	Electoral Literacy Club (ELC-MIT)		
11	The Box Office		
12	The Quiz Club of MIT		
13	The Photo Society of MIT		
14	The MIT Quill	Mr. I. Elisha	7448443242
15	MIT Tamil Mandram	Dr. K. Latha & Dr. A. Kaviyarasu	9500064042
16	MIT Variety Team	Dr. A. Kaviyarasu	9551235989
17	Personality Development Association	Dr. P. Pabitha	9442172562
18	Computer Society	Dr. D. Piratheba	9600079112
19	Robotics Association of MIT	Dr. P. Karthikeyan	9943419270
20	TED Club of MIT	Dr. P. Prakash	9600079113
21	Anna University student Entrepreneurship Club (AUSEC-MIT)	Dr. S. Neelavathi Pari	9962827638
22	Raptors Club	Mrs. G. Balamani	9952023898

DETAILS OF DEPARTMENT AND COURSES OFFERED			
NAME OF THE DEPARTMENT	**UG COURSE**		**PG COURSE**
	FULL-TIME	**PART-TIME**	**FULL-TIME**
Aerospace Engineering	Aeronautical Engineering	-	Aeronautical Engineering
	-	-	Aerospace Technology (SS)
	-	-	AVIONICS
Automobile Engineering	Automobile Engineering	-	Automobile Engineering
Electronics Engineering	Electronics & Communication Engineering (2 Batches)	-	Communication & Networking
	-	-	Wireless Technologies
	-	-	Vlsi Design & Embedded System
Instrumentation Engineering	Electronics & Instrumentation Engineering	Electronics & Instrumentation Engineering	Instrumentation Engineering
Production Technology	Production Technology	Mechanical Engineering	Manufacturing Engineering
	Mechanical Engineering		Mechatronics
	Robotics and Automation Engineering	-	-
Rubber and Plastics Technology	Rubber and Plastics Technology	-	Rubber and Plastics Technology
Computer Technology	Computer Science and Engineering (2 Batches)	-	Computer Science and Engineering (SS)
Information Technology	Information Technology	-	Information Technology (SS)
	Artificial Intelligence and Data Science	-	-
Applied Science & Humanities (Division)	-	-	M.Phil. Mathematics
	-	-	M.Sc. Applied Mathematics
# ALL THE DEPARTMENTS ARE OFFERING PH.D. IN RELEVENT SPECIALIZATION			

DEPARTMENT OF AEROSPACE ENGINEERING

Department of Aerospace Engineering was a forerunner, since 1949, in the whole country in furthering the cause of aerospace research in the new born nation. The Department was accredited by NBA and supported by DST FIST. Dr. A.P.J. Abdul Kalam, former President of India and Dr.S.Sivan, Chairman ISRO are distinguished alumni of thisDepartment.

In Memory of Prof. K.A.V.Pandalai, former Professor and HOD, Department of Aerospace Engineering, a chair has been created with the financial support from Aeronautical Research & Development Board, Ministry of Defence, NewDelhi.

COURSES OFFERED
- BE - Aeronautical Engineering - 60
- ME - Aeronautical Engineering - 24
- ME - Avionics -18
- ME - Aerospace Technology-24

MAJOR THRUST AREAS
- Low Speed Aerodynamics
- High Speed Jets
- Combustion Diagnostics
- MPD Thruster
- Composite Materials
- UAV Systems, Navigation & Guidance

FACULTY DETAILS & ACHIEVEMENTS
- Number of Faculty Members :19
- Number of Publications :196
- Number of Patents : Granted-3; Published/Filed :11
- Numberof Books / Chapters Authored : 2/13
- Collaboration with Foreign Universities : 4
- Awards / Honour : 4

RESEARCH COLLABORATION
- DRDO, DRDL, ISRO
- HAL, NAL
- University of Southampton, UK
- Ports mouth University, UK
- University of Camerino,Italy
- IIT-Madras, IIT-Kanpur
- NIT-Trichy, NIT-Suratkal
- Rzeszow, University of Technology Poland
- Universidad Politecnica Madrid, Spain
- Technical University of Munich, Germany

STUDENTS ACHIEVEMENTS
- Number of PhDstudentson Roll : 43
- NumberofPhDsGraduated : 73
- Ms.Aruna scored 6th RankinGate 2019
- Mr. Sri Venkata Vathsala Musunuri won 73rd International Astronautical Congress IP Award 2021.

PLACEMENT & HIGHER STUDIES

RESEARCH GRANTS

STUDENT ENROLLMENT
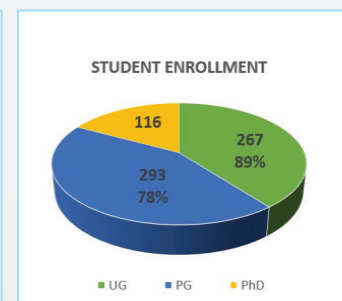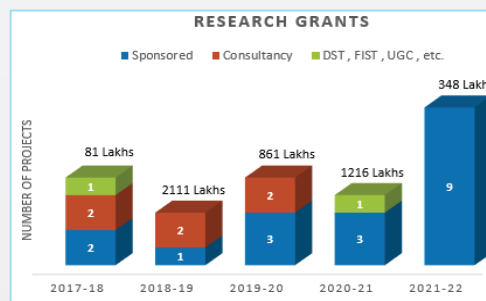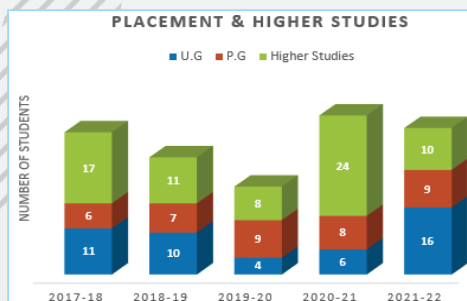
Subsonic Wind Tunnel

Supersonic Wind Tunnel

Fatigue Testing Machine

Film Cooling

Induction Tunnel

Daksha UAV
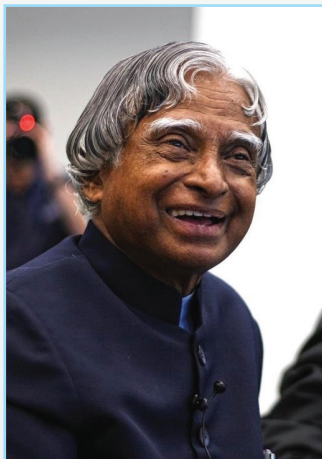
His Excellency,
Former President of India
Dr. A.P.J. Abdul Kalam
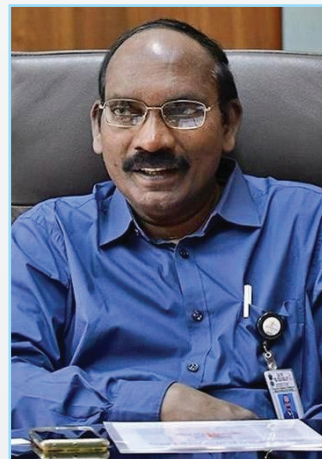
Indian Space Research
Organisation (ISRO)
Dr. K. Sivan
Chairman

DEPARTMENT OF AUTOMOBILE ENGINEERING

The Department of Automobile Engineering at MIT was established in the year 1949, with under-graduate Programme in Automobile Engineering for Science graduates (B.Sc). Subsequently, on the formation of Anna University in 1978, MIT has become one of the constituent institutions of the University and hence, the Department has also become a department of Anna University. The postgraduate Programme was started in 1977. This is the only pioneering Institute which offers both UG and PG Programmes in Automobile Engineering in the whole of India, besides offering MS (by research) and Ph.D. Programmes. Since 1996 4 year B.Tech undergraduate programme for higher secondary education is being offered.

COURSES OFFERED
- ❖ B.E – Automobile Engineering - 60
- ❖ M.E – Automobile Engineering – 25
- ❖ Ph.D -

MAJOR THRUST AREAS
- ❖ IC Engine Combustion modelling
- ❖ Advanced GDI CRDI Engine
- ❖ Fuel cell / Hybrid Vehicle
- ❖ Pollution Control strategies
- ❖ Automotive Air Conditioning
- ❖ Vehicle Aerodynamics
- ❖ Vehicle Dynamics

FACULTY DETAILS & ACHIEVEMENTS
- ❖ Number of Faculty Members: 15
- ❖ Number of Publications: 237
- ❖ Number of Patents: Awarded-2; Published-10
- ❖ Number of Books/Chapters Authored: 3

RESEARCH PROJECT
- ❖ TN Government-Funded Project-15 Crore

TEACHING / RESEARCH LABORATORY
- ❖ Automotive Electrical Laboratory
- ❖ Automotive Electronics Laboratory
- ❖ Computer Aided Vehicle Components Design Laboratory
- ❖ Engine Testing and Emission Measurement Laboratory
- ❖ Fuels and Lubricants Laboratory
- ❖ Mechanical Sciences Laboratory
- ❖ Vehicle Components Laboratory

STUDENTS ACHIEVEMENTS
- ❖ Won First prize in Best design award at "SAEISS Electric Two Wheeler Design Competition 2022"
- ❖ Won First prize in Cost Award at "SAEINDIA BAJA" during the year of 2018 and 2020
- ❖ Won 1 Gold Medal 2 silver &1bronze medal in state & Inter-university Wushu competition.
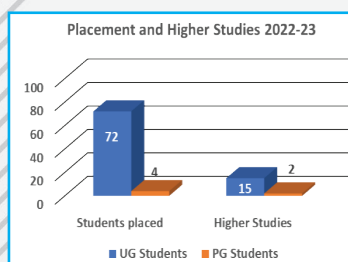
Placement 2022-23
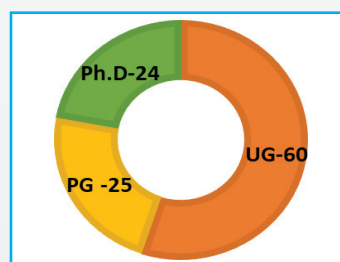
Student Enrollment

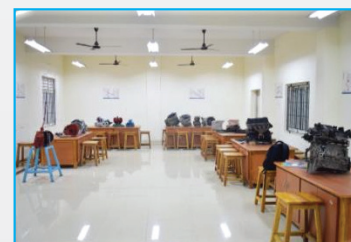Engine Testing and Emission Measurement Laborator

Electric Two -Wheeler Design Competition

Computer Aided Vehicle Components Design Laboratory

Vehicle Components Laboratory

DEPARTMENT OF ELECTRONICS ENGINEERING
ESTABLISHED: 1949
DST-FIST & UGC-DRS-SAP SUPPORTED

The Department of Electronics Engineering was established in the year 1949. The Department had received funding support from DST-FIST and UGC-DRS-SAP phase -II. The UG program offered by the Department was accredited by NBA. The Department of Electronics Engineering is committed to produce globally competitive and socially sensitized graduates in Electronics & Communication Engineering. We seek to instill the spirit of creativity and leadership skills enabling the students to make a global impact towards the availability of technology to mankind from all walks of life.

COURSES OFFERED
- ❖ UG : BE- Electronics & Communication Engineering (Full-Time)
- ❖ PG : M.E-Communication & Networking (Full-Time)
- ❖ M.E - Wireless Technologies (Full-Time/ Part-Time)
- ❖ M.E - VLSI Design and Embedded Systems (Full-Time/Part- Time)
- ❖ Ph.D: Faculty of Information and Communication Engineering Recognized as QIP centre

MAJOR THRUST AREAS
- ❖ Signal & Image Processing
- ❖ Radio Frequency & optical Communication
- ❖ VLSI & Embedded Systems
- ❖ Communication & Networking

TEACHING/RESEARCH LABORATORIES
- ❖ Number of Teaching Laboratories –13
- ❖ Number of Research Laboratories –3

NUMBER OF PAPERS PUBLISHED (SCOPUS)*
- ❖ International/National Journals –191

- ❖ International/National Conferences–93
- ❖ Number of Book chapters Authored–32

RESEARCH ACTIVITIES
- ❖ Number of Ph.D. students Graduated – 55
- ❖ Number of Ph.D. students (on Roll FT & PT) – 57
- ❖ Number of research fellowships –26
- ❖ No. of Departmental Project – 2
- ❖ No. of Research Projects Sanctioned –6
- ❖ No. of Consultancy Projects –8

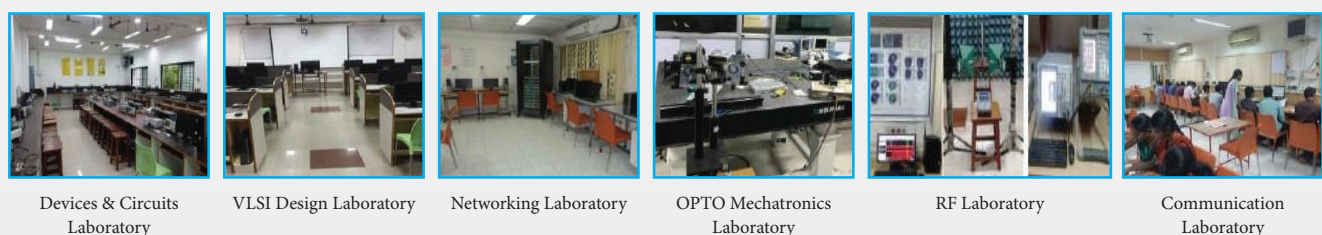## FACULTY ACHIEVEMENTS AND ACCOMPLISHMENTS*
- ❖ Number of Patents granted - 5 (US, European & Indian) Faculty Fellowship - 3
- ❖ International/National Awards/Recognitions - 10 Faculty foreign exchange /training programme – 1

STUDENT ACHIEVEMENTS*
- ❖ No. of Students qualified in various competitive exams –62 Exchange program/Training with foreign Universities –4

Student strength (2021-2022) ■ UG-555 ■ PG-23

Publications

Ph.D. Scholars
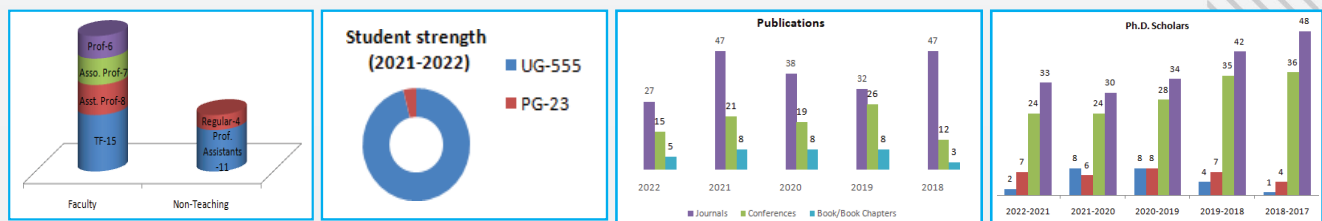
*Last Five Years 2017 – 2022

Devices & Circuits Laboratory

VLSI Design Laboratory

Networking Laboratory

OPTO Mechatronics Laboratory

RF Laboratory

Communication Laboratory

DEPARTMENT OF INSTRUMENTATION ENGINEERING

VISION

The Department of Instrumentation Engineering perseveres in becoming a Centre for Excellence in Electronics, Instrumentation and Control Engineering for Higher level learning, Research and Consultancy. The Department aims at imparting high quality education to students and professionals leading them to global competence. Its endeavors are to become a preferred partner to the industry and community for providing Engineering solutions.

MISSION

❖ Provide the students with strong foundation in Electronics, Instrumentation and Control Engineering.

❖ Enhance the core competency of the students to cater to the needs of the industries and research organizations.

❖ Update the curriculum periodically and to upgrade the laboratories with state-of-art equipment.

❖ Encourage faculty members to keep abreast of current trends through continuing educational programs.

❖ Carry out interdisciplinary research and consultancy in the cutting-edge technology.

ABOUT THE DEPARTMENT

The Department of Instrumentation Engineering was established in the year 1949. The core strength of the Instrumentation Engineering Department MIT Campus, Anna University is Process Control & Instrumentation. The Department had received generous funding support from DST-FIST, DST-PURSE, UGC-UPE, UGC-SAP-DRS-I, and World Bank-TEQIP to establish state-of-the-art Research Laboratories. The UG programme offered by the Department has been accredited by NBA for 6 years. The

Department shall strive towards becoming trend setter and a facilitator in Electronics, Instrumentation and Control Engineering for higher learning, Research and Consultancy.

HIGHLIGHTS

❖ Highly qualified faculty members with multi disciplinary research expertise and significant professional accomplishments, dedicated staff members and highly motivated students.

❖ Well equipped laboratories with State-of-the–art facilities to impart high quality education and to pursue research.

❖ Both UG and PG programmes are accredited by NAAC ('A' grade' (2014-2019)) and NBA (2016-2022)UG-B.E. (Electronics and Instrumentation Engineering).

❖ DST-FIST/DST-PURSE Sponsored /TEQIP Funded Department.

❖ Recognized by AICTE as a MINOR-QIP Centre to offer Ph.D./PG programmes.

❖ Collaborative research with Universities and R&D organizations in India and abroad.

❖ Endowments are instituted in the name of former Professors Dr.S.Renganathan , Dr.P.Kanagasabapathy and Dr.T.Thyagarajan

❖ Organizes National/International Conferences, Workshops, Seminars, Pre-Conference Tutorials, Short-term Training and Faculty Development Training Programmes

❖ Holds strong relationship between Alumni and Department/University.

❖ High percentage of on-campus placements in core/ IT Industries.
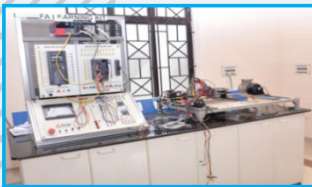
Centre of Excellence in Factory Automation (Sponsored by Mitsubishi)

Flow Lab (Sponsored by UGC-SAP-DRS-1)

Reconfigurable System Design Lab

Department Computing Facility

Transducers & Measurements Lab

Electrical Machines Lab

Embedded System Lab

Process Control Lab

Industrial Instrumentation Lab

DEPARTMENT OF PRODUCTION TECHNOLOGY

Department of Production Technology was established in the year of 1977 with the mission to develop disciplined, socially committed, and technically competent engineers with creativity and managerial skills to design, manufacture and innovate cost- effective quality products for the benefit of society. The programme offered has been approved by AICTE and the department received funding from DST-, DST- PURSE, UGC-UPE ,UGC-SAP and TANII.

PROGRAMME OFFERED

- ❖ BE - Production Engineering (1977)
- ❖ BE - Mechanical Engineering (2015)
- ❖ BE - Robotics and Automation (2022)
- ❖ ME - Manufacturing Engineering (1993)
- ❖ ME – Mechatronics (1999)

FACULTY DETAILS AND ACHIVEMENENT

- ❖ Number of Teaching Faculty- 19
- ❖ Number of Patents: Published – 6, Awarded : 3
- ❖ Books Chapters: 04
- ❖ Funded Projects: 13 completed 01 ongoing
- ❖ Publications (Journal and Conference): 328 (IRINS)
- ❖ Citations: 3069
- ❖ Total Number of Ph.D. Awarded- 78 since 1989

* as on 31/12/2022

LABORATORIES

- ❖ Academic Laboratories – 16Research Laboratories – 05Department Library- 300 sq.ft with 1100 Books, Magazine, Reports and Thesis.

STUDENTS DETAILS

- ❖ Number of Enrolled UG Students - 403 , PG Students - 49 and PhD Students - 47
- ❖ Patents Filed- 1
- ❖ Participated in Smart India Hackthon 2022

ACHIEVEMENTS

- ❖ Part of UGC – UPE in development of Antibiogram DeviceAU – MIT BOT (Society Driven) – COVID 19 – Government Medical College, Hospital, Omandurar, Chennai

https://mitindia.edu/en/pt-home

GRANTS RECEIVED Approx. ₹2300 Lakh

Thrust Areas

Composite Materials Processing and Characterization
Friction Stir Welding
Incremental Forming
Deep Learning and Autonomous Systems
Robotics, Mechatronics System development
Polymeric Composite for Medical Applications

Placement Details 2021 - 2022
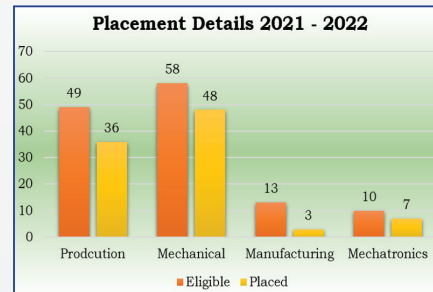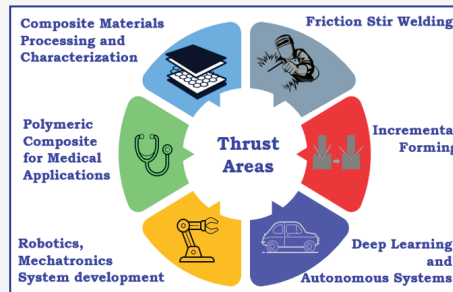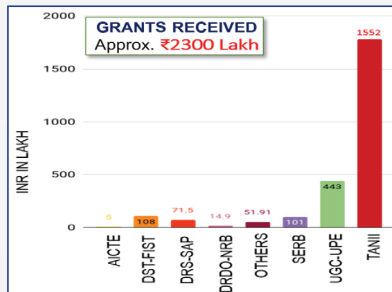
Non-Contact Surface Roughness Tester (Bruker)

Coordinate Measuring Machine (Zeiss)

MIG Welding Robot (ABB)

Software Available

5 Axes Vertical Machining Centre (HAAS)

Hydraulic Press 100 T

Servo Drive with Motor and Controller

Our Recruiters

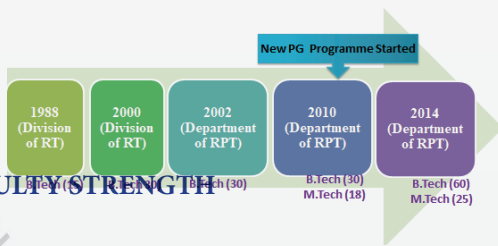# DEPARTMENT OF RUBBER AND PLASTICS TECHNOLOGY

VISION

The Department of Rubber and Plastics Technology shall constantly strive to be renowned for its academic and research excellence with professionalism and social responsibilities.

MISSION

❖ Equip its graduates to meet the expectations of Rubber, Plastics and allied industries and professional organizations

❖ Expand its knowledge base in collaboration with Rubber, Plastics and allied industries and research organizationsEmphasize on product design aspects so as to enable graduates to be innovators in the field of Rubber, Plastics and allied areas of TechnologyMotivate students to become entrepreneursCarry out inter-disciplinary research and development activities integrating Rubber and Plastics Technology with other Engineering disciplines

GENESIS OF RUBBER AND PLASTICS TECHNOLOGY

New PG Programme Started

1988 (Division of RT)	2000 (Division of RT)	2002 (Department of RPT)	2010 (Department of RPT)	2014 (Department of RPT)
		B.Tech (30)	B.Tech (30) M.Tech (18)	B.Tech (60) M.Tech (25)

FACULTY STRENGTH

YEAR	PROFESSOR	ASSOCIATE PROFESSOR	ASSISTANT PROFESSOR	
			REGULAR	CONTRACTUAL
2017-2018	4	1	1	4
2018-2019	4	1	1	3
2019-2020	4	1	1	5
2020-2021	4	2	0	7
2021-2022	3	2	0	7

STUDENT ACHIEVEMENTS

2021-2022	Techno Minds Poster presentation in Maharashtra	1st Prize
2020-2021	Michelin Mobility Innovation Challenge 2020	1st Prize
		2nd Prize
2019-2020	P- Pack National Technical Quiz	2nd Prize
	Michelin Mobility Innovation Challenge 2020	1st Prize
2018-2019	P- Pack National Technical Quiz	3rd Prize
	5S Implementation	1st Prize

THRUST AREAS

Natural Resources · Bio-Composites · Hydrogels & Adhesives · Area of Research · Rubber Recycling · Composites & Nano Composites · High Temperature Resins

PUBLICATIONS

5 2 10 9 6

■ 2017-2018 ■ 2018-2019 ■ 2019-2020
■ 2020-2021 ■ 2021-2022

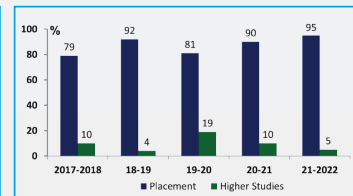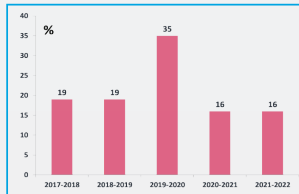## STAFF ACHEIVEMENTS

❖ Received more than Rs.1 Crore from DST-FIST & UGC-SAPPublished more than 20 papers in reputed Journal

❖ 13 Ph.D's awarded during last five yearsAttended and Presented a paper in International Rubber Conference held at Kia Oval, London

❖ Won Second prize in Poster presentation

Research Endowment (In Lakh)

89 142 16.86

■ 2017-2018 ■ 2018-2019 ■ 2019-2020
■ 2020-2021 ■ 2021-2022

30 26 299

■ UG ■ PG ■ Ph.D

19 19 35 16 16
2017-2018 2018-2019 2019-2020 2020-2021 2021-2022

Student Strength

79 / 10 92 / 4 81 / 19 90 / 10 95 / 5
2017-2018 18-19 19-20 20-21 21-2022

■ Placement ■ Higher Studies

DEPARTMENT OF INFORMATION TECHNOLOGY

VISION

The Department of Information Technology pledges to educate students with conceptual knowledge and technical skills to forge ahead in the field of IT, while inculcating deep moral and ethical values to achieve excellence, by providing a vibrant academic and research environment in collaboration with industry.MISSIONTo inculcate in students a firm foundation in theory and practice of IT skills coupled with the thought process for disruptive innovation and research methodologies, to keep pace with emerging technologies.To provide a conducive environment for all academic, administrative and interdisciplinary research activities using state-of-the-art technologies.To produce graduates and doctorates, who will enter the workforce as productive IT engineers, researchers and entrepreneurs with necessary soft skills, and continue higher professional education with competence in the global market.To enable seamless collaboration with the IT industry and Government for consultancy and sponsored research.To cater to cross-cultural, multinational and demographic diversity of students.

❖ To educate the students on the social, ethical, and moral values needed to make significant contributions to society.

ABOUT THE DEPARTMENT

The Department of Information Technology was instituted in the year 2001 and bequeaths students with the capability to apply knowledge of Information Technology to work efficiently in multidisciplinary teams and practice engineering with ethical approaches. We adopt improved methods of teaching and learning process to achieve learning abilities through practice, innovation, exposure and motivation. The department was accredited by NAAC and NBA and supported by DST FIST.

UG & PG PROGRAMMES OFFERED
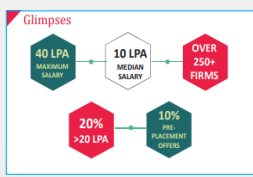### B.TECH. Information Technology   B.TECH Artificial Intelligence and Data Science
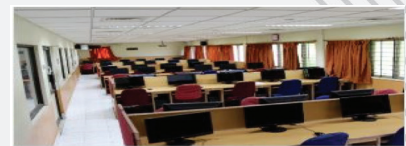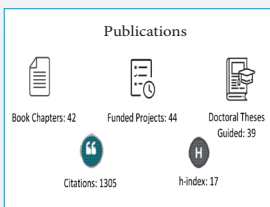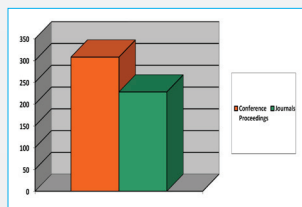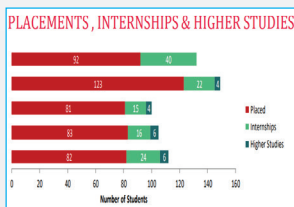
❖ M.TECH. Information Technology
❖ Ph.D. (Full Time & Part Time) MAJOR THRUST AREA
❖ Computer VisionMultimedia Systems
❖ Mobile Communication & Computing Data Analytics & Internet of Things   Artificial Intelligence & Machine Learning
❖ Distributed and Cloud Computing
❖ Computer Network and Information security
❖ Augmented/Virtual Reality

TEACHING/RESEARCH LABORATORIESNumber of Teaching Laboratories- 6

❖ Number of Research Laboratories – 2

RESEARCH ACTIVITIES*

❖ Number of Ph.D. students Graduated -19Number of Ph.D. students on Roll - 32
❖ No. of Collaborative activities for research -2
❖ Research / Consultancy Revenue : Rs. 26.3L

PLACEMENTS , INTERNSHIPS & HIGHER STUDIES

Publications
Book Chapters: 42   Funded Projects: 44   Doctoral Theses Guided: 39
Citations: 1305   h-index: 17

ADVANCED COMPUTING LAB

Higher Studies

TOP RECRUITERS

Glimpses
40 LPA MAXIMUM SALARY   10 LPA MEDIAN SALARY   OVER 250+ FIRMS
20% >20 LPA   10% PRE-PLACEMENT OFFERS

IoT CLOUD LAB

AI & DATA ANALYTICS LAB   MEDIA RESEARCH LAB

DEPARTMENT OF COMPUTER TECHNOLOGY

Preamble

The Department of Computer Technology (Faculty of Information and Communication Engineering, Anna University) is committed to the preparation of graduates to address the great challenges in the field of Information Technology and to contribute for research and innovation that ensure the sustained growth in Computing. Since 2018, this department follows Centrally Sponsored Curriculum known as Rashtriya Uchchatar Shiksha Abhiyan (RUSA). The courses are designed to combine rigorous academic study and exhaustive practical exposure for students with in-depth lab oriented courses, projects, and internships. The faculty members adopt digital pedagogy to attain the best quality of education. The Department hosts International Conference on Advanced Computing every year to attract researchers and their contributions across the globe.
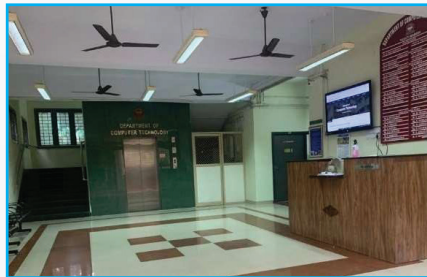
Vision

To create computing professionals, researchers, and entrepreneurs, with high technical competency and communication skills by setting high standards in academic excellence and meeting the future needs of the society.

Programs Offered

BE Computer Science and Engineering [Intake 120, Since 2001] ME Computer Science and Engineering [Intake 25, Since 2001] PhD Computer Science and Engineering [Since 2001].

Laboratories

❖ High Performance Computing LaboratoryDistributed Computing Laboratory
❖ Programming Practices Laboratory
❖ Pervasive Computing Laboratory
❖ Internet of Things Laboratory
❖ Next Generation Networks Laboratory
❖ Big Data Analytics Laboratory
❖ Data Science Laboratory
❖ Machine Learning Laboratory
❖ AI & Innovation Laboratory

Major Thrust Areas

❖ Big Data Analytics
❖ Block Chain

❖ Cloud Computing
❖ GPU Computing
❖ Information Security
❖ Internet of Things
❖ Machine Learning
❖ Software Defined Networks
❖ UAV Communications

Faculty Achievements

❖ Number of faculty members - 20 Professors as Vice Chancellors
❖ Dr. S. Thamarai Selvi, Thiruvalluvar University, Vellore, Dr. V. Vaidehi, Mother Teresa Women's University, Kodaikanal
❖ Post Doctoral Fellowship - 01, Young Faculty Research Fellowship under Visvesvaraya fellowship - 01
❖ International/National Awards - 06 Number of books authored - 03

Research Metrics

❖ Publications 542
❖ Scopus Citations 5432
❖ h-Index 30
❖ i10-Index 52
❖ Fellowships 04
❖ Patents 03

- ❖ Funded Projects 15
- ❖ Student Projects 40

Student's Achievements

First prize in the National level Hackathon conducted by CITI Bank and won Rs.12 lakh First price in International Hackathon conducted by TDRA, UAE and WSIS Forum 2022 National and International Awards - 06; Internships with stipend - 30+ students every year

All the students are offered campus placement through CUIC and 50% are placed with CTC above 10 lakh Won the best student innovative project award for the year 2019, 2023, awarded by CTDT, Anna University Number

of students availed student exchange programme with foreign universities - 03. Number of students qualified various competitive exams (GRE, TOEFL, GATE) since 2020 - 15

Research collaborations

- ❖ Athabasca University, Canada
- ❖ C-DAC, Govt. of India, Chennai
- ❖ Kuwait University, Kuwait
- ❖ Manitoba University, Canada
- ❖ Referson University, Canada
- ❖ Tata Consultancy Services, Chennai
- ❖ Trinity College Dublin, Ireland

Data Centre

The Computer Technology Data Centre (CTDC) is equipped with two high-speed rack servers running on Intel Xeon Server processors and a Storage Area Network connected to both the servers using Host Bus Adapters for the best performance class. The main motto of CTDC is the digitization of the department, thereby providing a hassle-free environment for day-to-day academic and research activities. CTDC plays a vital role in transforming the teaching-learning process and making workflow automation, infrastruc-ture and inventory management, faster decis-ion making, and consolidation of departmental statistics, faster and easier.

Laboratories

DEPARTMENT OF APPLIED SCIENCES AND HUMANITIES

MATHEMATICS
PHYSICS
CHEMISTRY
ENGLISH
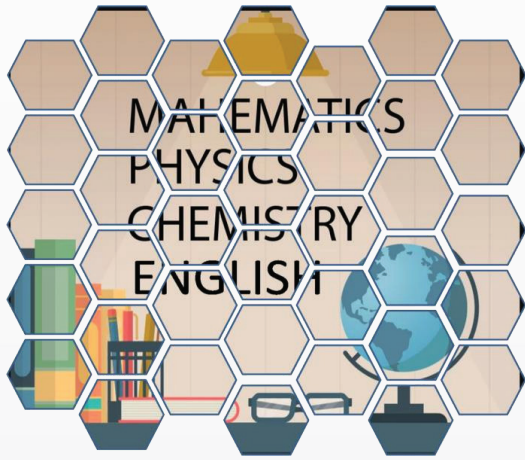
DIVISION OF APPLIED SCIENCES AND HUMANITIES

DEPARTMENT OF APPLIED SCIENCES AND HUMANITIES

OUR THRUST AREA & FUTURE PLAN

MATHEMATICS

- Graph Theory, Algebra,
- Number Theory, Complex Analysis,
- Geometric Function Theory,
- Special Functions and Theoretical Computer Science

PHYSICS

- Solid State Physics, Applied Spectroscopy,
- Solid State Luminescence,
- Materials Science and Thin Films
- Multi-ferroic, Nanomaterial's & Science

CHEMISTRY

- Corrosion Studies on Industrial Materials,
- Catalysis, Organic and Polymer Chemistry and Nano-Technology.

ENGLISH

- English Language Teaching,
- English Communication
- Soft Skills and Contemporary Literature.

Creating
- Advance Analytical Research Centre
- Advance Computing Research Centre

Making
- MOUs with Various Organization
- Fund Raising (DST)

Upgrading
- Creating Individual Department

COLLABORATION WITH INTERNATIONAL RESEARCHERS

- Katsuhiko Ariga &
- Lok Kumar Shrestha
- WPI-MANA, National Institute for Materials Science (NIMS),
- Japan and The University of Tokyo, Japan
- Ivan Gutman
- Faculty of Science University of Kragujevac, Kragujevac, Serbia.
- ISMAIL NACI CANGUL
- Faculty of Arts and Science, Bursa Uludag University, Gorukle 16059 Bursa/Turkey.
- Martin Bača
- Department of Applied Mathematics and Informatics, Faculty of Mechanical Engineering Technical University in Košice, Slovakia.
- Andrea Semaničová-Feňovčíková
- Department of Applied Mathematics and Informatics, Faculty of Mechanical Engineering
- Technical University of Košice Slovakia, Central Europe.
- Mohammed Ali Ahemed
- Department of Mathematics, College of Education, University of Baghdad, Iraq.

RESEARCH COLLABORATIONS

- *University of Québec Canada,
- *IGCAR (DAE) Kalpakkam, Govt. of India
- *IIT Madras& Mumbai,
- *National Institute of Ocean Technology, Chennai
- *Heavy Water Board (DAE), Mumbai, Govt. of India

DEPARTMENT ALGORITHM
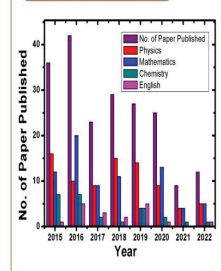
Stochastic Differential equations

An analysis of stability of Numerical method for stochastic differential equations with delay. The strong convergence order is investigated which proves the convergence of the aforementioned method with strong order in the mean of global error. The mean-square stability of two-step Maruyama methods of stochastic delay Hopfield neural networks is investigated under suitable conditions. Also, the almost sure exponential stability of two-step Maruyama methods of stochastic delay Hopfield networks is proved using the semi-martingale convergence theorem.
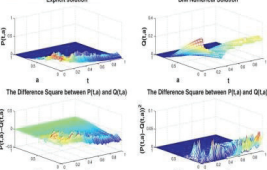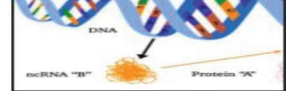
Selberg Continued Fractions

We initiate to derive the explicit evaluations formula for a9n and un/9 by involving the class invariant. For this purpose, we establish several new P−Q mixed modular equations involving theta-functions. We apply these modular equations further, deriving a new formula for the explicit evaluation of the Ramanujan−Selberg continued fraction.
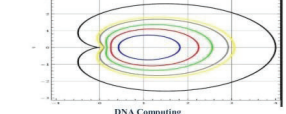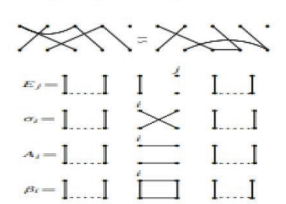
DNA Computing

DNA Computing is a new and exciting development at the interface of biology and computer science. DNA Computation focuses on nature as a basis for hardware DNA computing has advantage over conventional computing because of massive parallelism and dense memory.

Graph labeling and Domination

Graph labeling is an assignment of integers vertices edges or both. Graph labeling is mainly applied in X-Ray crystallography, Radio frequency, Network security. There are different types of labeling called magic labeling, antimagic labeling, Bimagic labeling, Face magic and face antimagic labeling.
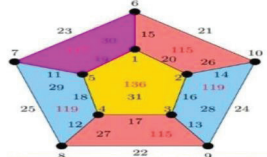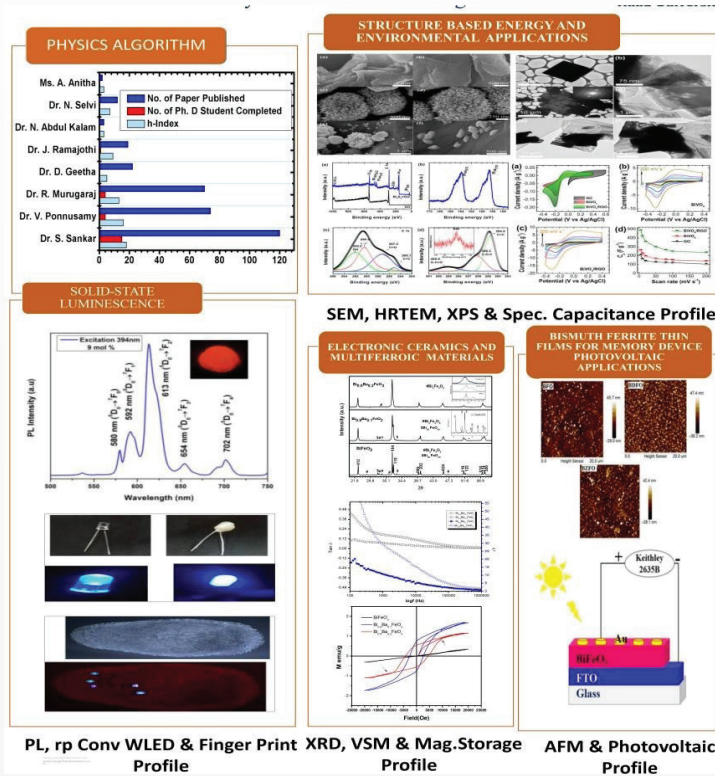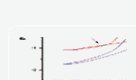
Domination Polynomial
D(G, x) = ?

Representation Theory

A k-partition diagram is a simple graph on two rows of k-vertices, one above the other. The connected components of such a graph partition the 2k vertices into l disjoint subsets with l ≤ l ≤ 2k. We say that two k-diagrams are equivalent if they give rise to the same partition of the 2k vertices. For example, the following are equivalent 5-diagrams.

PHYSICS ALGORITHM

Legend:
- No. of Paper Published
- No. of Ph. D Student Completed
- h-Index

(Names: Ms. A. Anitha, Dr. N. Selvi, Dr. N. Abdul Kalam, Dr. J. Ramajothi, Dr. D. Geetha, Dr. R. Murugaraj, Dr. V. Ponnusamy, Dr. S. Sankar)

STRUCTURE BASED ENERGY AND ENVIRONMENTAL APPLICATIONS

SEM, HRTEM, XPS & Spec. Capacitance Profile

SOLID-STATE LUMINESCENCE

PL, rp Conv WLED & Finger Print Profile

ELECTRONIC CERAMICS AND MULTIFERROIC MATERIALS

XRD, VSM & Mag.Storage Profile

BISMUTH FERRITE THIN FILMS FOR MEMORY DEVICE PHOTOVOLTAIC APPLICATIONS

AFM & Photovoltaic Profile

Major Completed & Undergoing Project in DASH

Title: Development of inorganic LED phosphors for commercial display application.
Funding Agency: UGC, Amount : 11, 48, 800. 2012-2015
Principal Investigator : Dr. V. Ponnusamy

Title: Experimental Investigation on electrical relaxation process in solid state Ionics materials
Funding Agency: UGC, Amount : 5, 71, 800, 2012-2015
Principal Investigator : Dr. R. Muragaraj

Title: Preparation, Structure and Electrical Relaxation Properties of Multiferroic materials
Funding Agency: CTDT, AU. Amount : 1. 00, 000, 2012-2013
Principal Investigator : Dr. R. Muragaraj

Title: Investigation of Boron Based Single Crystal Non Linear Optical Application
Agency: UGC. Amount :6. 00, 000, 2017-2019
Principal Investigator : Dr. J. Ramajothi

Title: Investigation on physical and optical performance of Er3/Yb3 co-doped silica –phosphate glasses to develop high gain laser materials with enhanced wave guide optical application Amount :15. 00, 000, 2021-2023
Principal Investigator : Dr. D. Geetha

COMPUTATIONAL MATHEMATICS LAB Created Under Modernization Fund

Major Facility in DASH

- SCANNING ELECTRON MICROSCOPE – TESCAN Vega 3
- UV - VISIBLE SPECTROPHOTOMETER
- PLANETARY MILL AND BALL MILL WITH 10 TON PRESS
- UV-VIS spectrophotometer – Shimadzu UV-2401PC
- ROTARY SHAKER
- DIGITAL POTENTIOMETER
- DIGITAL pH METER
- VACUUM PUMP
- DIGITAL CERAMIC HOT PLATE
- SONICATOR

Major Facility in DASH

- ELECTROSPINNING- UH5300-HITACHI
- FUME HOOD
- HOT AIR OVEN
- 1200 °C Tubular Furnace
- FLAME PHOTOMETRY
- 1000 °C Box Furnace
- 1200 °C Box Furnace
- SEMI MICRO BALANCE
- 1200 °C Tubular Furnace
- CENTRIFUGE
- CONDUCTIVITY METER

Chemistry –Research Paradigm

- BIOCOMPATIBLE BIOPOLYMERS FOR DRUG DELIVERY APPLICATIONS
- ELECTROSPINNING METHOD FOR BIOMEDICAL APPLICATIONS
- SYNTHESIS AND CHARACTERIZATION OF SUPER-ABSORBENT HYDROGELS
- ELECTROCHEMITCAL BIOSENSOR
- COMPUTATIONAL CHEMISTRY
- CORROSION AND ELECTROCHEMITRY
- MEDICINAL CHEMISTRY AND CATALYSIS

COMPUTER CENTRE

Computer Centre was established in 1983 at Madras Institute of Technology, Chromepet, Chennai – 600 044 with PDP 11/60 Computer System rendering service to the entire MIT campus. Subsequently in 1998 the PDP 11/60 was replaced with Desk top PC's and currently with higher end spec 11th gen, i7 processor of 32 GB RAM and 2TB harddisk. The Centre serves as the central facilities for the entire campus with 250 systems and 850 students are trained every year.

ACTIVITIES OF COMPUTER CENTRE

One of the major tasks of Computer Centre is to train the UG students of all branches in their first year course of study. They are extensively trained in programming skills in both WINDOWS and UNIX platform. Apart from the above academic activities student body called Computer Society of MIT and web team have been functioning.

COMPUTER SOCIETY OF MIT

Computer Society of MIT (originally Computer Club) is one of the oldest student associations which has helped in imparting computer awareness to students and staff of MIT and also has grown along with computer center. It was basically a bunch of self-interested and self-motivated students and faculty, who organize lectures on computers and computer programming languages.TRAINING OFFERED AT COMPUTER CENTRE

Computer Centre has conducted various training programs for socially backward students sponsored by Government of Tamil Nadu, the non-teaching staff, Summer training programs are for High School students on Programming languages and computer hardware & software services. A one day workshop was conducted for Non-teaching staff of MIT – "Action@75 Awareness on Computer And Internet Usage"

❖ The centre facility is availed by the nearby Urban Primary Health Center (UPHC) staff for data entry.

❖ MIT is facilitating center for TamilNadu Engineering Admission and computer centre provides the facilitation for students and parents during the application and admission process.

❖ The resource and space of the centre is been effectively utilized to train the students and faculties for the massive industry relevant skill enhancement initiative "NAAN MUDHAVAN".

WEB TEAM

The web team is run by Computer Centre. The mail service is provided by Gmail / Google mail services. MIT website (www.mitindia.edu) uses the content management system – Joomla and has been hosted in Dreamhost, a web hosting service provider which is secure and available all the time. CAMPUS WIDE NETWORKING FACILITY FIBER BACKBONE

❖ 10 Gbps Supported backbone (TEQIPGrants)
❖ Internet ready System
❖ VOIP Phones are provided to the entire campus

WIFI FACILITY

❖ Campus Wide WiFi
❖ More than 150 WiFi Access point (Indoor and Out Door)TELEPHONE FACILITY

The real-time IP system HI Path 4000 combines the advantages of IP- based communications and analog telephone line communications systems with access of main campus through intercom.

TNEA 2022 APPLICATION, ADMISSION PROCESS   NAAN MUDHALVAN – TRAINING   UPHC-DATA ENTRY

LABORATORY-I   LABORATORY-II   LABORATORY-III   WIFI TREE   TELEPHONE NK:ECO-SERVER

AU-KBC RESEARCH CENTRE

About the Centre

Anna University - K. B. Chandrasekhar (AU-KBC) Research Centre, set up in 1999 with the generous support of its alumnus Dr. K.B Chandrasekhar, functioning from the M.I.T Campus, is a unique endeavour in Public Private

Partnership (PPP) in Indian R & D, with two broad goals viz., a) Extending the frontiers of Scientific Knowledge through high quality research and b) Generating and Deploying Technologies and Products of economic and social value.

Thrust Areas

The Centre carries out Academic Research, Technology Development and Deployment, IP Creation, Consultancy Work, Manpower Training in the following broad areas:

❖ Information Sciences
❖ Life Sciences

Key Achievements of the Centre

❖ International publications: 439(Journals- 300, Conferences- 303)
❖ Ph. D's produced- 63, on rolls -8,
❖ M.S. (By Research) Produced - 40
❖ Patents granted 7, including 5 US patents
❖ International Conferences organized - 9
❖ Ten technologies and solutions Developed and Deployed

Projects

❖ Sponsored Research and Development funded by:
❖ Indian Funding Agencies: MeitY, DST, DBT, TN Govt, ICAR International Funding: Wellcome Trust, European Union-FP7 and FP8, UNESCO
❖ Total funds received – Rs.55 Crores from 2001-2022.

Products:

❖ ANIL – an AI/NLP
❖ based Tamil Chatbot application for e- Governance. (deployed at TNeGA)
❖ Webguard – solution for protecting the web server)

Publications (2001 - 2022)

Revenue Generated (in Rs. Lakhs) (2010 - 2022)
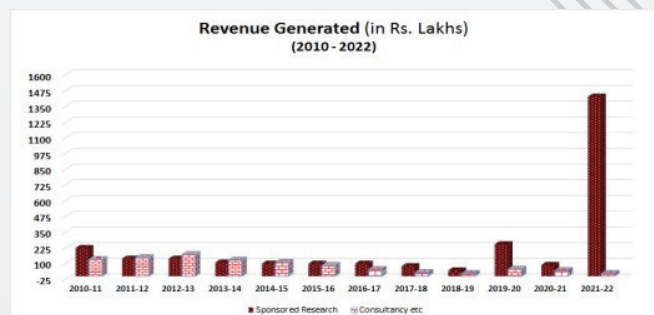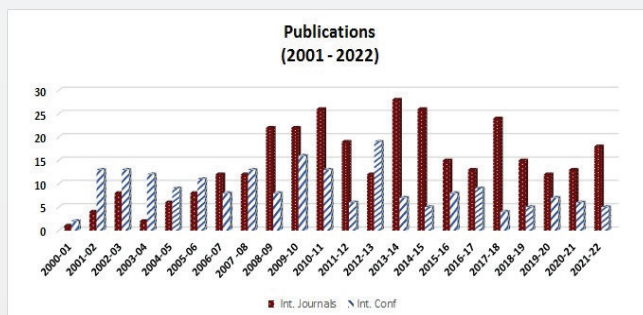
CENTRE FOR AEROSPACE RESEARCH (CASR)

CASR has distinguished itself as a pioneer in India in the field of Unmanned Aerial System (UAS). CASR has made it possible "Laboratory to Field Research Contribution", especially as a University which is a rarity in India not only in the field of Unmanned Systems but for any other research area for that matter. The concept to transitional research to end user capabilities of CASR's UAV research had been greatly appreciated by various top most civilian and military authorities in India and worldwide. Unlike the conventional military drones, the UAS, developed by CASR after several years of research is becoming the first of its kind to have been deployed by civilian law enforcement agencies, thereby making them tech-savvy. These Aerial Vehicles are being eyed for and boosting the economy of the nation. CASR UAVs with its highly stable design, also became the only Indian UAV to have dominated the alien skies competing against 153 participating international teams, during the May 2012 Technology demonstration at Fort Stewart Military base organized by DARPA, Department of Defence, USA. In spite of many constraints, the efforts of Anna University, Tamil Nadu in the World Drone Olympic Scenario has made Indians to feel proud.UAV PRODUCTS DEVELOPEDFixed Wing UAV (Electric and Gasoline)Multi-Rotor UAV (Electric and Gasoline)Tethered UAV

- ❖ Hybrid UAV system
- ❖ VTHT UAV system
- ❖ Swarm UAV

AWARDS

- ❖ World Record for Long Endurance UAVDr. APJ Abdul Kalam Award from Tamilnadu GovernmentRunner of Medical Express ChallengeDrone Olympic award from IAFFinalist of IAF Mehar baba swarm drone competition.

PATENT APPLIED/ PUBLISHED: 2/6**MAJOR FUNDED**

PROJECTS

- ❖ Design and Development of Unmanned Aerial system for societal application from TANII Tamilnadu GovernmentDesign and Development of UAV based mapping application by TANII Tamilnadu Disaster ManagementDevelopment of Tethered UAV system from BEL BangaloreRPTO SIMULATOR TRAINING FACILITY
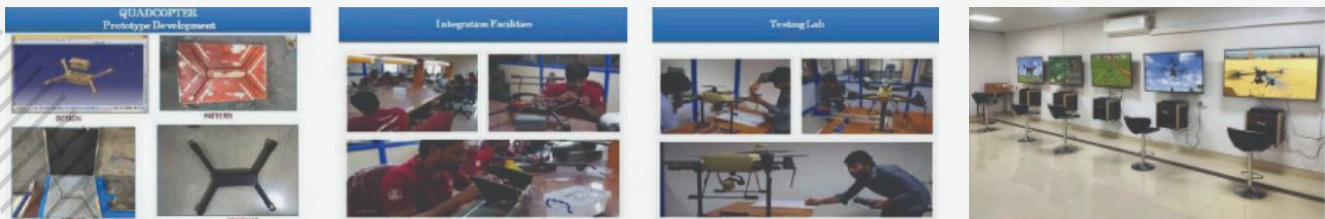
SIEMENS CENTRE OF EXCELLENCE - SCOE

ABOUT THE CENTRE

A Siemens Centre of Excellence (SCoE) at MIT Campus, Anna University, Chennai and 5 linked Technical Skill Development Institutes (t-SDIs) in Tamil Nadu were established through Public Private Partnership (PPP) in collaboration with Siemens and DesignTech Limited at an estimated cost of Rs.546.84 crores with state contribution of Rs 54.68 Crores from Tamil Nadu Skill Development Corporation on 20.09.2016. Further the Centre was inaugurated by Government of Tamil Nadu on 10th October 2018.

VISION

The Anna University Siemens Centre of Excellence – SCoE, MIT Campus envisage an ideal interface between academia and industry to fulfil the aspiration of various stakeholders.

MISSION

❖ Achieving 100% placement for deserving students.

❖ Building competency among the students for industry –ready.

❖ Creating opportunities for the students to horn niche skills in the emerging areas.

❖ Creating the future industry leaders and think tanks for organisation.

❖ Reaching the non-reachable for skilling.

## TAXONOMY OF 14 LABORATORIES OF SCOEKEY ACHIEVEMENTS OF THE CENTRE
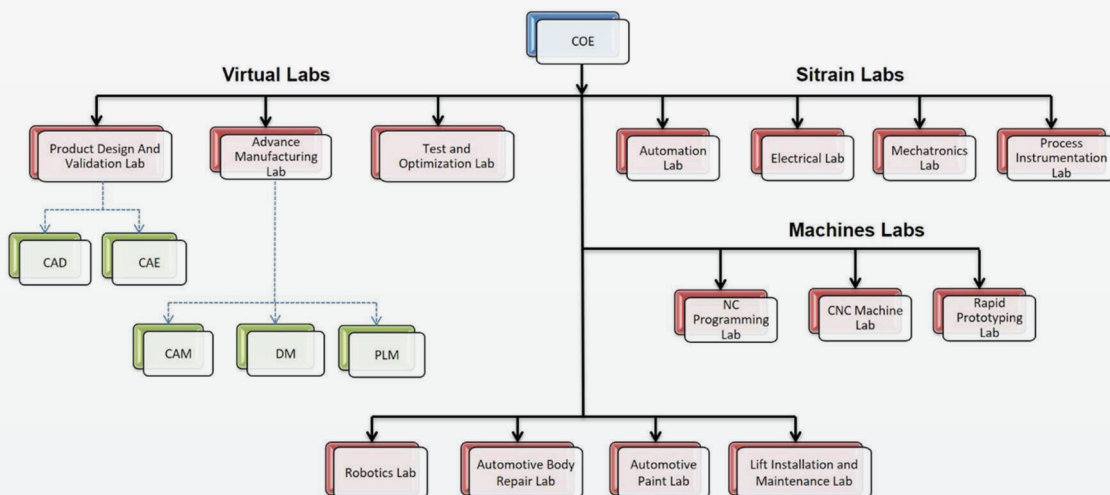
❖ The Centre has successfully trained 5662 students in various skill development courses till February 2023.
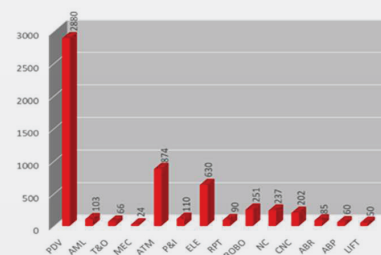
❖ The Centre has provided Faculty Training Programme for 28 Faculties from Engineering Domain and 80 Faculties from Government Polytechnic Colleges throughout Tamil Nadu.

SCAN FOR SCOE WEBPAGE
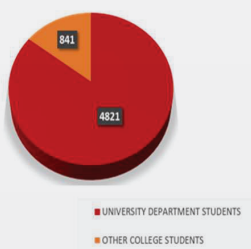
Laboratories

1. Product design and validation Laboratory
2. Advanced Manufacturing Laboratory
3. Test and Optimisation Laboratory
4. Rapid Prototype Laboratory
5. NC programming Laboratory
6. CNC Machine Laboratory
7. Lift installation Laboratory
8. Electrical Laboratory
9. Process Instrumentation Laboratory
10. Automation Laboratory
11. Mechatronics Laboratory
12. Automotive Body Repair Laboratory
13. Automotive Paint Shop Laboratory
14. Robotics Laboratory

For more Details: https://mitindia.edu/en/centers/mit_scoe#

CENTRE OF EXCELLENCE IN AUTOMOTIVE TECHNOLOGY (CEAT)

OBJECTIVES:

- Establishing up a world class research and development facility to promote research in Automotive areas including GDI Engine, Emission and its control, Fuel cell, Electric and Autonomous vehicles.
- To facilitate testing with international standard for Automobile Industries.
- To be the knowledge center for Automotive industries, Research Institutions, Researchers and Students in the area of future mobility.

RELEVANCE TO THE INDUSTRY:

- Government has strict emission norms to reduce environmental pollution
- Automotive Hub: Chennai, Kancheepuram, Tiruvallur, Hosur
- The Hon'ble Chief Minister of Tamil Nadu has announced under the Rule 110 of TamilNadu Legislative Assembly during August 2016
- Government Vision is to promote electric vehicle as future mobility by introducing various schemes and incentives

CREDENTIALS:

Major Equipment	Research publications
Emission Analyser	Energy
Transient Dynamometer	Energy Technology
EVSE Tester	SAE
GDI Engine	Renewable and Sustainable Energy Resources
Test Rig	Combustion Theory and Modelling
Fuel Cell (5kW, 1 kW)	Book Chapter in Climate change and Green chemistry of CO_2 sequestration
AC motor kit	
Onboard H2 Electrolyser	
Computer Hardware	
Modelling and Simulation Software	

SHORT TERM PLANS:

- Seeking funding support from State, Central and Foreign funding agency through collaborative research.
- Creating new avenues for Industries through Consultancy Projects.
- Outsourcing the Equipment for Research and Developmental activities.
- Publishing the research findings and outcomes as research papers in the journals of high reputations.
- Disseminating knowledge through Certificate courses, Training programs, Workshops, Seminars and FDPs.

LONG TERM PLANS:

- Establishing a platform for Industries & Researchers for designing, Developing, testing and demonstrating future mobility.
- Extending Collaborate Industrial Research.
- Filing Patent and Technology Transfer to Industry.

CENTRE FOR INTERNET OF THINGS (CIOT)

The Centre for Internet of Things (CIoT), a thoughtful joint initiative by the Department of Electronics Engineering and the Department of Instrumentation Engineering, MIT Campus, Anna University, established in the year 2022, promises to promote IoT ecosystem by connecting academia, industries and government with a view to enable our nation attain a leadership role in this domain.

The CIoT aims to offer consultancy and impart high quality training of international reputation to the students, researchers, faculties and industrial professionals. It strives to keep itself as the preferred partner by the industry and community for providing Engineering solutions in of IoT based applications.

The CIoT intends to engender an experiential learning centrerelating to IoTto hone the skillsof students, researchers, faculty and industrial professionals and offer assistance to the aspiring Student Entrepreneurs for their establishment. It aims to TransferIoT Technology and its applications to Government Departments and various users through Pilot Projects/Operational Projects by setting up an end-to-end design and fabrication facility.

The CIoT shall contribute towards the educational, economic and social development by Carrying out R D Projects in the cutting-edge IoT applications involving interdisciplinary teams and in an effort to come up with patentable ideas and innovative products

Activities Enrolled:

❖ MoA signed with M/s Enthu Technology Solution Pvt Ltd., Coimbatore, Tamilnaduto promote necessary IoT based technology transfer.

❖ Conducted Two days workshop on Fundamentals of IoT in collaboration with Department of Electronics Engineering, MIT Campus, Anna University.

❖ Conducted One day workshop on IoT in Automobiles in Automeet 2022, Department of Automobile Engineering, MIT Campus, Anna University.

❖ Conducted Six day (Physical mode) Faculty Empowerment Programme on " IoT Concepts and Applications" sponsored by Centre for Faculty and Professional Development, Anna University, Chennai.

❖ Participation in Openday Programme conducted in MIT Campus

❖ Participation in Expo conducted during the Honourable TN Goverer visit on MIT Campus, Anna University.

❖ A Research Project Proposal " IoT enabled BMC Monitoring System" is submitted to Aavin, TamilNadu Co-operative Milk Producers' Federation Limited, Ministry of Cooperation, and Government of TamilNadu.

❖ A Research Project Proposal "Development of Siddha Varmam Life Energy Measurement System for Monitoring Human Health Conditions (SIVEMS)"in collaboration with Siddha Central Research Institute (SCRI) is submitted to EMR, Ministry of AYUSH.

CENTRE FOR ROBOTICS AND AUTOMATION

VISION

❖ To provide the engineering needs for societal and industrial applications through multi-domain integrated robotic technology. To become a trusted collaborator for the industry and government agencies in the field of robotics and automation needs.

❖ To understand the current needs, design virtual models and develop full-fledged systems (customer centric) for sustainable growth.

❖ To develop and maintain the gallery of robots and its technology for local needs.MISSION

❖ Facilitation: To establish the current state-of-the-art research facilities including equipment, test rigs, instrument, accessories and techniques continuously for the development of types of robots and automation systems.

❖ R&D Projects: To generate funds and conduct R&D Projects in the area of Robotics and System Automation by involving multidisciplinary teams and coming up with patentable and marketable ideas, as well as generate high-quality publications.

❖ Consultancy: To engage in Consultancy work in the area of robotics and system automation to cater to the needs of the Industries/Government.

❖ Technology Transfer: To transfer the Robotics and System Automation Technologies and their application to Government Departments and various users through Pilot Projects/ Operational Projects.

❖ Entrepreneurship: To promote and guide aspiring entrepreneurs in the area of robotics and system automation for their establishment.

❖ Academics Research Support: To provide academic support to postgraduate / PhD programmes of the University in the area of robotics and system automation.

❖ Training & Certification: To provide a strong foundation in robotics and system automation through the training programs to the students, researchers, faculty and industry professionals and make them become certified robotics engineers.

ABOUT THE CENTRE

The Centre for Robotics and Automation established in April 2022, is an initiative of the Department of Production Technology with 22 years of sustenance of running programme in Mechatronics and research in the field of Robotics and low-cost automation in collaboration with the pioneer team of Madras Institute of Technology Campus namely, the Department of Instrumentation Engineering, Anna University aims to promote Robotics and Automation system developmental ecosystem in Chennai, Tamilnadu. Currently, Dr.K.Latha, Professor, Instrumentation Engineering is heading as Director and Dr P.Karthikeyan, Assistant Professor of Production Technology is serving as Deputy Director for this Centre.

MAJOR THRUST AREAS

❖ Manufacturing and Production AutomationRemote Handling of Hazardous IndustryLogistics and Supply Chain Management

❖ Food Production IndustrySurveillance Safety SystemMunicipal Waste Mitigation Systems

❖ Human assistance systems

TECHNOLOGY AND RESEARCH FOCUSIndustrial Serial Manipulators (ex: Articulated, Gantry, SCARA)Parallel Manipulators (ex:Delta)Autonomous Mobile RobotsWheeled Robot (ex: AGV and AMR)Legged Robots (ex: Humanoid)Bio mimicking robot and Special Purpose robotsMedical and surgical robots and systemsProcess, System level and Cell level automationPlant level automation and Industry 4.0 ArchitecturesArtificial intelligence (AI), Machine Learning (ML) and Deep Learning (DL) for systems and robots.

INDUSTRIAL ROBOT (TATA - TAL BRABO)

LIGHT WEIGHT ROBOT (KINOVA)

ABB MIG WELDING ROBOT

MITSUBISHI MOVE MASTER ROBOT

CENTRAL WORKSHOP: MIT CAMPUS : ANNA UNIVERSITY

Central Workshop is one of the pivoting units of the institute which teaches conceptually "how" a product comes to its present form by way of imparting core manufacturing education to all the first-year students of the MIT Campus. It also provides product manufacturing support to the entire institute community in general and undergraduate students in particular. Nearly 750 undergraduate students in their first year acquire hands-on manufacturing skills in the Central Workshop. The Central Workshop not only introduces art and science of manufacturing but infuses confidence to take up product design and manufacturing activities in future.

Central Workshop is also a place where undergraduate students get hands-on experience in different sections such as Welding shop, Carpentry shop, Fitting shop, Press Tools, Machining etc, by doing their job work and carrying out project work as part of curriculum and co-curricular activities.

Unconventional Machining Laboratory houses CNC Wire Cut-EDM, Friction Stir Welding (FSW), Abrasive Water Jet Machine (DST-FIST, 2012), Electro Chemical Machine (DST-SAP, 2012), Ultrasonic Machining, Laser Engraving Machine and Ultrasonic Welding and Machining (UPE, 2019) for catering research work of PG Students and Research Scholars. Under Lab Modernization 2019, 15 numbers of machines were added of worth Rs.81 lakh.

CONVENTIONAL MACHINING LAB

CARPENTRY SECTION

LATHE SECTION

WELDING SECTION

PLANNING MACHINE

VERTICAL MILLIMG MACHINE

HYDRAULIC SURFACE GRINDING MACHINE

SLOTING MACHINE

HYDRAULIC PRESS

UNCONVENTIONAL MACHINING LAB

ABRASIVE WATER JET MACHINE

ELECTRO CHEMICAL MACHINE

CNC WIRE CUT MACHINE

FRICTION STIR WELDING

LIBRARY @ MIT CAMPUS

The library is a centre of intellectual activities of any institution. The MIT is imparting advanced level of courses and undertaking research programmes in Engineering, Technology and Science & Humanities. The MIT library, inculcates to its readers, the interest of creativity and innovation, the predecessors of Research and Development. The Library is well-equipped with 97550 volumes of books in Engineering, Technology and Science & Humanities. The library subscribes to 11 E-Journals/ Databases under Self Supporting , 11 INFLIBNET Shodhsindhu Consortium e-resource packages and 20 News Papers and Magazines The Library is fully automated with RFID Technology including self check in and self check out facilities.

Library Staff Members

The following staff members are working in the Library, MIT Campus.

Staff Details and Achievements

Number of Staff Members   : 10
Number of Publications   : 65
Number of Books and Authored : 4
Awards / Honours   : 1
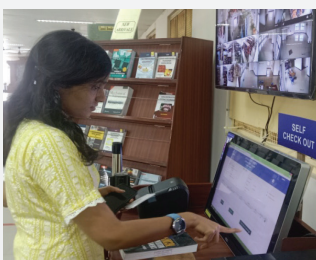
Collections

S.No.	Resources	Nos.
1	Books	97550
2	Journal Back volumes	12781
3	E-Journals	32000+
4	E-Books	2500

E-Resources Self Supporting
Under Self-Supporting

1. ACM Digital Library
2. IEEE/IET Electronic Library(IEL) Online
3. SAE International Journals
4. Science Direct Engineering Back Files
5. Science Direct Materials Science Back files
6. Science Direct Subject Collections
7. Scopus
8. Web of Science
9. Wiley Journals
10. Journal Citation Report (JCR)
11. Industrial Economist

Library Services and Facilities
- Circulation Service
- OPAC (Online Public Access Catalogue)
- Self-CheckOut System
- Common Reading Halls
- Reprography
- Automated Book Lending Service (Self-Check-in/ Check-out)
- Book Bank
- Digital Knowledge Centre
- Reference Reading Hall
- Career Guidance Collection
- Online Old Question Bank
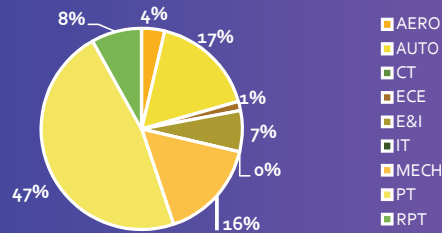- Remote Access Service (Mobile APP)

7. LIBRARY SECTIONS
- Acquisition Section
- Technical Section
- Circulation Section
- Digital Knowledge Centre (DKC)
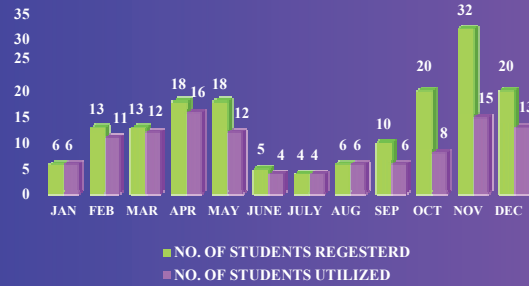- Book Banks
- Stack Section

8. BOOK BANK SCHEMES
- Founder's Family Book Bank (FFBB)

- Alumni of MIT Association (AMITA) Book Trust and SC/ST Book Bank

INNOVATION MAKERS LAB

Madras Institute of Technology has established a dedicated INNOVATION MAKERS LAB under the funding scheme of RUSA 2.0 to support and promote innovation for students and faculties to translate ideas into prototype or Products.
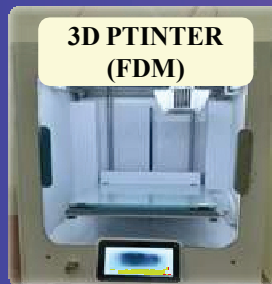

Chennai, Tamil Nadu, India

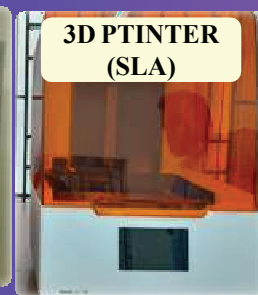**Pie chart:**
- AERO 17%
- AUTO 1%
- CT 7%
- ECE 0%
- E&I 16%
- IT 47%
- MECH 8%
- PT 4%
- RPT

LAB UTILIZATION REPORT 2022(JAN-DEC)

Month	No. of Students Registered	No. of Students Utilized
JAN	6	6
FEB	13	11
MAR	13	12
APR	18	16
MAY	18	12
JUNE	5	4
JULY	4	4
AUG	6	6
SEP	10	6
OCT	20	8
NOV	32	15
DEC	20	13

■ NO. OF STUDENTS REGESTERD
■ NO. OF STUDENTS UTILIZED

TRAINING

Chennai, Tamil Nadu, India

3D PTINTER (FDM)

3D PTINTER (SLA)

MANUFACTURING LAB

Gmail ID : innovationmakerslabmit@gmail.com

HEALTH CENTRE @ MIT CAMPUS

The Health Centre aims to enhance the healthcare experience of the MIT campus community (students and staff members) by providing healthcare with respect, consideration and confidentiality. Health Centre is committed to promoting the health and wellness of the campus community by providing high-quality prevention, education, and treatment services. The facilities at health centre are as follows.

- Two medical doctors during day (10 AM - 6 PM)
- Specialists from 4 - 6 PM
- 24x7 ambulance service
- Clinical laboratory for sample analysis
- Physiotherapy service etc
- Attached Pharmacy

Some of the other activities of MIT Health Centre are wellness camp, deworming day, issue of iron supplements etc

Clinical Laboratory

In Patient Ward

Consultation

Physiotheraphy Room

24x7 Ambulance Service

MIT CAMPUS HOSTELS (UG/PG/Ph.D.) GENERAL, AC AND INTERNATIONAL

| BIRLA HOSTEL | AMARAVATHY | BHAVANI | THAMIRABARANI |

| MARUTHAM | KURINJI | ORCHID INTERNATIONAL |

BOYS HOSTEL DETAILS

TOTAL BLOCKS	-	7
TOTAL NO. OF ROOMS	-	534
No. of Students Accommodated	-	1023

GIRLS HOSTEL DETAILS

TOTAL BLOCKS	-	4
TOTAL NO. OF ROOMS	-	319
No. of Students Accommodated	-	542

| VAIGAI | CAUVERY | PONNI | RAJAM (AC Facility) |

HOSTEL AND MESS FACILITIES

| Genset | Laundry | Gym | Table Tennis | Indoor Game | Shuttle Court |

| Heater | Internet Café | Conference Hall | TV Room | Cooler | Hostel Store | PDA Library |

| RO Plant | Steamer | Dining Hall | Bain Marie | Guest House | Ambulance |

CONTACT DETAILS
The Executive Warden
MIT Campus Hostels
Chromepet, Chennai – 600 044.

✉ mithostels@mitindia.edu
☏ +91 44 – 2251 6118 / 6119
www.payment.mitindia.edu

NATIONAL SERVICE SCHEME

The National Service Scheme (NSS) is a Central Sector Scheme of Government of India, Ministry of Youth Affairs & Sports. It provides opportunity to the student youth of 11th & 12th Class of schools at +2 Board level and student youth of Technical Institution, Graduate & Post Graduate at colleges and University level of India to take part in various government led community service activities & programmes. The sole aim of the NSS is to provide hands on experience to young students in delivering community service.

SPECIAL CAMP

To emphasize the rich cultural diversity of our nation and to teach the volunteers of National Service Scheme social harmony, the ministry of sports and youth affairs conducts national camps and parades. Every year our NSS-MIT volunteers participate in those events representing our state Tamil Nadu.

REGULAR ACTIVITIES

The NSS-MIT consists of more than 700 student volunteers in 7 units under 7 program officers. We NSS-MIT organise, every week, activities such as Mass cleaning, Gandian thoughts waste collecting drives, rallies, human chains, etc. that raises awareness among students and society about various social problems like environmental issues.

STAGE PLAY

To deliver important messages in an impactful way to the young minds, NSS-MIT organises cultural activities like screen plays every year.

REGULAR CAMP

The NSS-MIT conducts regular camp every year, which will be a 7 days to a nearby village. Our volunteers will survey and help the village people on their needs and also fitness and yoga sessions are conducted for our volunteers. They also learn to adapt to new environments.

SESSIONS

To bring out the best out of our volunteers, we NSS-MIT conduct regular sessions that helps our volunteers to improve their public speaking, leadership and other soft skills.

NATIONAL SPORTS ORGANIZATION (NSO)

Sports Participation and Achievements

The academic years 2020-21, 2021-22 and 2022-2023 has proven to be very rewarding due to pandemic full-fledged sports activities are not conducted previous years and we started step bystep manner. Even though MIT students have brought us glory by participating in varioustournaments like Anna University Zonal, Inter-zone, All India Inter-university, State, Nationals andOther open tournaments. Besides actively participating in these tournaments, MIT students havemade us proud by earning many laurels for our college. MIT students trained with immeasurablededication and team spirit to accomplish these achievements

Professor and Dean, MIT campus and the University Sports Board staff members congratulated Ms.K.SWETHA, Second Year, Electrical and Electronics Engineering, MIT Campus, who participated in the 36th National Games held at Ahmedabad, Gujarat from 07/10/2022 to 11/10/2022 and secured GOLD MEDAL in SOFT TENNIS TEAM EVENT

International Yoga Day Participation at Raj Bhavan 2022

Hockey (Men) team participated AUSB – Zone IV Zonal tournament at Sri Sairam Engineering College

Chess (Men & Women) team participated AUSB – Zone IV Zonal tournament at New Prince Sri Bhavani College of Engineering & Technology

ABOUT YOUTH RED CROSS:

MOTTO OF YRC:

Health, Service, Friendship

HEALTH-BLOOD LINE AND BLOOD DONATION CAMP:

The most important and life-saving activities of Youth Red Cross-MIT is BLOOD DONATION. Our organization pays much importance and endurance to this part of activity, by immediately responding to the requirements by arranging donors. We also conduct blood donation camps twice a year, one during odd and another during even semester.

-collecting blood samples from donors.

SERVICE-VISION COMPANIONS

This is a social activity in our college that goes on every day from 5-7 pm with the help of *MITians,* that focus on helping visually challenged with their academics by reading and recording lessons for them. We also work as scribe when there is a requirement. Interacting with our visually challenged brothers and knowing their experiences serves as a revelation. We also conduct YOUTHFEST a grand event of YOUTHRED CROSS every year specially for visually challenged people.

-vision companion for visually challenged people.

FRIENDSHIP-WEEKLY SESSIONS:

Weekly sessions are conducted to enrich volunteers with knowledge about social activities by arranging a motivational speech every week by an expert in any desired field. Sometimes interactive and campus cleaning sessions are carried out.

YOUTHFEST

Weekly session at Rajam Hall

ROTARACT CLUB OF MIT

About RCMIT

With "Together we can" being our motto, we as a team are working for more than 25 years to fulfil the purpose of human life, making others happy. We, the Rotaract Club of MIT, aimed to serve the people and to develop the student's life skills conduct many mega, parallel, and outside events.

"The sole meaning of life is to serve humanity" *- Leo Tolstoy*

ROTOFEST

This marvelous event takes place in the odd semester of every year. This is a day we spend with special children, for them to be happy and show their abilities. On that day we welcome the kids warmly by giving them greeting cards and chocolates. We organize games not only for entertainment but also to realize their hidden talents.Those who see their talent forget that they are specially challenged people and only remember their immense talent. We are glad we had the opportunity to create a beautiful platform to showcase their talents. Finally, we all shar and receive precious love with gifted people.

SPARISH

This great event usually takes place in the even semester of every year. This day is not just a usual day; we can feel heaven on earth by giving and taking kindness on this day. We organize this to bring an unforgettable happy day to their lives. From welcoming the kids on this special day, to the events that let them showcase their potential, there are no words to describe the bliss that comes when you see the pleasure that appears in the eyes of those children. This one day alone is enough to make humans realize that this life is to spread love.

ORPHANAGE VISIT

What's more than an enjoyable day with orphanage kids in their own place? As the motto of Rotaract club, we use this opportunity to visit the nearby orphanages and old age homes and help them by providing necessary things and spending a beautiful day with them. We play with those kids, dancing, and singing thus creating wonderful memories with them. We give them a lot of surprises, conduct competitions and provide exciting prizes.

ROTARACT CLUB OF MIT CAMPUS
ANNA UNIVERSITY

Together we can !!!

The best thing we can do to the society is sharing love and compassion. RCMIT helps students realize their social responsibilities by emphasizing the same.

ROTOFEST
A Special day for unnoticed talent

SPARISH
To rejoice in the zest of children

ORPHANAGE VISIT
Into the world of warmth and love

DONATION DRIVE
Life is all about giving

 mitrotaract
 @rc_mit
 www.rotaract.mitindia.edu

PERSONALITY DEVELOPMENT ASSOCIATION - "DISCOVER YOURSELF"
ESTABLISHED 1984

Faculty Advisor: **Dr P Pabitha,** Associate Professor, Department of Computer Technology

39th YEAR OF PDA (2022-2023)

PDA organized a range of events and programs throughout the academic year to keep students engaged and informed. The events included the Expert Talk Series, where Mr. Kenji Umaki and Mr. G Praveen Raj spoke about career opportunities in Japan. The Pre-Placement Preparation Group Discussion and Mock Group Discussion were held to help students prepare for job placement. The Haiku Contest allowed poetry enthusiasts to showcase their skills, and the Induction Program welcomed new students to the campus. The annual intra-college event, Ixsplora'22, was a grand success, featuring a range of activities and competitions such as the Reels Contest, Photography Contest, Literary Contest, Movie Review Event, and General Quiz Event. In addition, weekly sessions on various topics were conducted, including Coding, Aptitude, Strategy to Clear UPSC, and The Power of the Subconscious Mind.

GOVERNOR'S VISIT

December 15, Hon'ble Governor Thiru R N Ravi visited our campus on the due occasion of unveiling, the Dr. Abdul Kalam statue. Picture explaining the interaction between the club members and the governor

TITLE EVENT

Persofest is an intra-college talent hunt event that showcases various talents, including art, literature, campaigning, B-plan, idea presentations, and the Title event Mr. & Ms. Persofest. The main objective of Persofest is to recognize and encourage individuals to improve their skills with a cumulative cash pool of 50k.

TRIBUTE TO FOUNDER

Personality Development Association was started in February 1984 by Prof. K.V. Narayanan and Prof. S.Renganathan with five students for enhancing the overall personality of MIT students. Department of Instrumentation Engineering recognizing the attributions of Prof K V Narayanan has named an conference hall as KVN Seminar Hall.

PILLARS OF PDA

PDA Library offers 3000 books by renowned figures like Periyar, Vivekanadhar, Kalki, Shakespeare, etc., including 1700 Tamil storybooks, 800 English storybooks, and 500 subject-specific books. It also manages newspaper and magazine subscriptions funded by MIT hostels.

PDA's weekly sessions train students in various skills, including aptitude, communication, and soft skills. We also provide mock interviews to help prepare students for job placements. Accomplished alumni lead a general discussion round and personal interviews.

PDA magazine serves as a platform for MIT students to express their artistic creativity through various forms, such as poetry, photography, articles, and drawing. The organization provides financial assistance to students in need through the Helping Hand program.

Weekly session participant data

Annual Activites
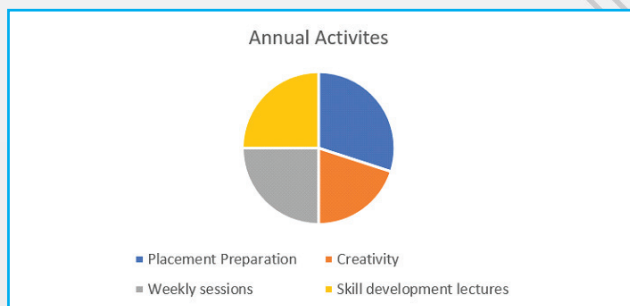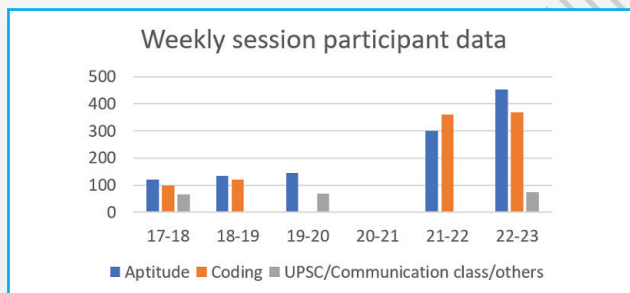
MIT METEOROLOGY CLUB

IDEATION

❖ Conducted Session on **Disaster Management taking Cyclone as an Example in NSS** during October 2020.

❖ As a part of orientation program, speech was delivered by **Prof Sridhar Balasubramanian, Dept of Mechanical Engineering, IIT Bombay** during November 2020.

❖ Online Course on **Basics of Weather and Climate Dynamics** were undertaken by the students which was offered by **IIT Bombay** during December 2020.

INAUGURATION

The Club was successfully inaugurated and registered as one of the student's clubs in MIT Campus as **MIT Met Club** on 3rd April 2021 (online mode) by **Chief Guest Mr. K.S. Hosalikar** (Head of Climate Research Services, IMD Pune), **Guest of Honour Prof. Sridhar Balasubramanian** (Department of Mechanical Engineering, IIT Bombay, Member of IDP Climate Studies IIT Bombay), in the presence of Head of Production Technology Prof. A. Siddharthan, former Dean of MIT Campus Prof. T. Thyagarajan and MIT Met Club mentor Dr. K.M. Veerabadran. Former Vice Chancellor of Anna University **Prof. K. Surappa** appreciated the inauguration ceremony.

PROJECTS AND EVENTS

❖ The team initiated the project **Unmanned Surface Vehicle (USV)**. He designed and managed the project under his guidance, segregated the team into sub teams and made the involvement of all the team members. The team had tested the alpha prototype on 28th December 2021 and is currently working on beta prototype named Piranha which is having following features:

Motors, Batteries (Li Po), 3D printed chassis, GPS, ESC, Transmitter and Receiver, Night Vision camera, Remote Controller, Gimbal Mechanism, Video Transmitter and Receiver, Servo motors.

❖ Team invited **Dr S Balachandran** to deliver speech as a part of orientation program for the first years batch 2021.

❖ Team has organized **the One-Day Workshop on "Meteorology and Disaster Management"** on 30th March 2022.

❖ Team had participated in the MIT Open Day held on 5th September 2022 and demonstrated the Unmanned Surface Vehicle, created an awareness on Thunderstorms and RIP Currents.

❖ Team had participated in the Idea Crunch competition conducted by Anna University Student Entrepreneurship Club and demonstrated the working of USV.

❖ The team also demonstrated the working of USV to the honourable governor of Tamil Nadu at the event of opening of former president Dr. A.P.J Abdul Kalam on 14th December 2022 at MIT Campus.
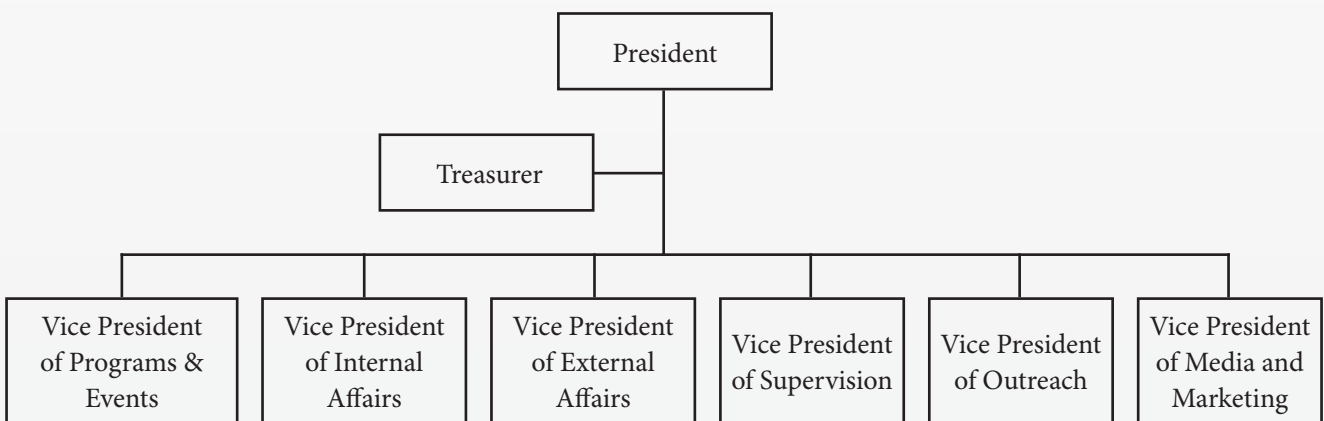
ANNA UNIVERSITY STUDENT ENTREPRENEURSHIP CLUB- MIT

The Anna University Student Entrepreneur Club - MIT is a part of Center for Entrepreneurship Development (CED), Anna University since 2021. AUSEC-MIT was inaugurated on 7th November 2021 by Dr. R Venkataswamy, Chief Guest in the presence of Dr. T. Thyagarajan, Former Dean of MIT, Dr. R. Saravanan, Director of CED, Dr. S. Neelavathy Pari, Deputy Director of CED, Heads of Departments, students and our esteemed alumnus.

MISSION and VISION of AUSEC-MIT:

❖ Inculcate start-up culture in MIT.

❖ Support budding ideas and pathways or guidance for young pioneers to proceed & face challenging environments.

❖ Help develop and nurture various skills required by an entrepreneur.

❖ To make MIT the birthplace of successful entrepreneurs.

STRUCTURE:

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                        ┌──────────────┐
                        │  President   │
                        └──────────────┘
         ┌──────────────┐
         │  Treasurer   │
         └──────────────┘
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Vice President of Programs & Events	Vice President of Internal Affairs	Vice President of External Affairs	Vice President of Supervision	Vice President of Outreach	Vice President of Media and Marketing

Since its establishment, we have been conducting many contests, awareness sessions, weekly podcasts and training to allow students of MIT gain valuable insights and practical learning about startups, idea pitching, entrepreneurship, etc. Some of our notable events conducted are **Elevator Pitch, Rags To Riches, Awareness Session on TNSI 2022 & Business Memes Contest and Shark Tank Synergy** is AUSEC-MIT's mega hackathon event. It was co-organized by PDA-MIT, ACT & MITEA **MIT TALKS is AUSEC-MIT's PODCAST that contains a** 2 part episode featuring Dr.K.Elamvazhuthi, founder of MITEA with 30 years of service and another 2-part episode featuring Mr. Saravan Krishna, Founder of Foodwall, Deputy Director of IIMBAA and an alumnus of Anna University**.**

MIT MUSEUM

MIT has a great timeline starting from 1949. Many heroes were born, many Legends were shoped and many achievements were created in MIT. Today's news is the tommorow's history. So the main motto of this Museum team woutd be 'Preserving and recording the history'. Hence as a part of it we will try to keep all MITians stay updated with current major events going on at MIT. In short, MIT Museum is the place where time is transferred into space.

THE BOX OFFICE

The Box Office is the official dramatics club of MIT that offers a variety of activities to engage its members. They perform plays, create short films, and conduct speaking events like debates, extempore, and public speaking competitions. With a focus on skill development and creative expression, The Box Office provides a platform for individuals to explore their talents in the performing arts. Whether you are interested in acting, filmmaking, or public speaking, this club has something for everyone.

TBO has three departments, which focus on different aspects of the club:

1. **ACTITUDE:** It mainly covers dramatics and stage. This department also create short films, compete in drama fests, write scripts and develop the student's interest in the world of filmmaking.

2. **LIT:** It focuses on public speaking, debating, open mic and Model United Nations. This department helps provide students a platform to learn and develop their confidence and speaking skills.

3. **BRO MIT:** The Book Readers Organization is a department of TBO that brings together all book lovers and those who want to develop their reading habits. BRO MIT conducts weekly sessions and book exchange program to engage more students into reading.

OUR VENTURES

TBO has organized several events and programs. These are some of our flagship events and works that we have done so far.
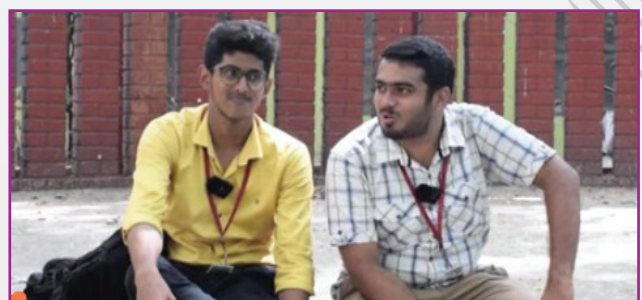

BRISE GLACE


MITI MUN

D FOR DEBATE

O SEE MATINEE

SWAPP IT

KADHAIPOMMA

QUIZ CLUB OF MIT

ABOUT

The QCMIT was established in 2011 as an informal group to foster the general knowledge of emerging engineers at MIT. Though it commenced with a few members, it currently has a significant number of active student participants from diverse departments. The quizzes have consistently encompassed global subject matters, spanning from current events, science and technology, history, sports, entertainment, to arts, thereby keeping the students up-to-date with the worldwide advancements.
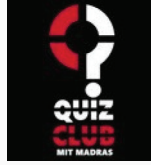

ACTIVITIES

QCMIT organizes exclusive quizzing sessions every fortnight open to its members. Apart from that, we also collaborate with other clubs of MIT to host quizzing events during their fests. QCMIT has regularly collaborated with MIT Atheneum, MIT Quill, PDA and BRO. We also conduct quizzes during various department symposiums. As a part of community outreach activities, we hosted a Sci-Tech quiz in partnership with Tamilnadu Science Forum for school students.

Every even semester QCMIT conducts its flagship quizzing fest, BLITZKRIEG. Quizzes on a wide range of genres are conducted during the event. It draws numerous participants from schools and colleges in and around Chennai.
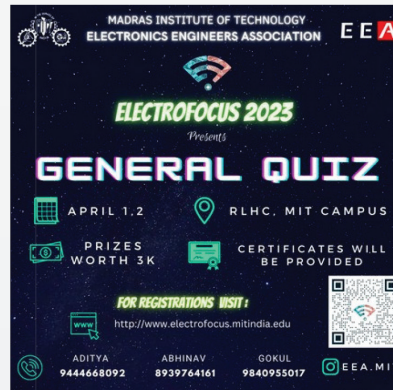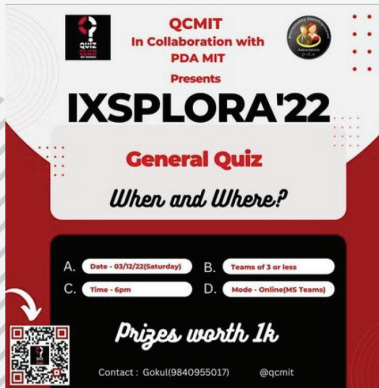
THE MIT QUILL

The MIT Quill is the official news and literary organization of Madras Institute of Technology. It has been actively functioning for a decade, as of this year. It is a club consisting of members from both the undergraduate and postgraduate programmes in MIT who share a passion towards writing, reading, drawing and news reporting. The goal of the club is to organize engaging activities and discussions among creative and literary enthusiasts and to provide a platform for them to showcase their creative excellence. In line with that goal, the club performs many functions such as maintaining the Instagram page and publishing the works of MITians on it, reporting the campus activities and also meeting regularly to promote interaction and ideation among the club members.

Over the past year, The MIT Quill has organized an array of events and activities for the students of MIT. Planning and conducting these events are also part of the responsibilities of the office-bearers of the club, apart from the club's regular activities and contributes largely towards developing leadership skills, team spirit and planning. The events conducted in the year July 2022 to March 2023 are listed below.

1. Independence Day [15 August, 2022]
   Events: Start-Up Ideathon, Debate, Flag Design, Script Writing
2. Newsletter [August, 2022]
3. Open Day [05 September, 2022]
4. MITI-MUN I (w. The Box Office, MIT) [26 and 27 November, 2022]
5. IXSPLORA '22 (w. The Personality Development Association) [02 December, 2022]
6. International Year of Millets - Poster Design Competition [03 December, 2022]
7. Governor's Visit [14 December, 2022]
8. Quill Digest - Third Edition [15 January, 2023]
9. MITI-MUN II (w. The Box Office, MIT) [24 and 25 February, 2023]
10. AsQuill [25 and 26 February, 2023]
11. Initium [27 and 28 February, 2023]
12. MITAFEST '23 (w. Athenaeum) [03 and 04 March, 2023]
    Events: Lawyer Up (w. TBO), JAM, DoodleOrama, Story Telling
13. Recruitment [April, 2023]

MIT TAMILMANDRAM

Our MIT Tamil Mandram was started at the beginning of the academic year 2017-2018 with the objective of community advancement through the mother tongue by the efforts of many students and under the guidance of many professors with the full cooperation of Dr.A.Rajadurai . To show the importance of the mother tongue, we are functioning among the students in two forms (art and literature).

Tamil Mandram is a platform dedicated to bring out the creativity and artistry of students. It works with the aim of sharpening the literary interest of the students, developing scientific Tamil knowledge and broadening the social outlook. This club will support the prosperity of the mother tongue and improves the soft skills of the students there are two major subdivisions are with in Tamil Mandram.

DEBATE AND LITERATURE FORUM (சமூக ஆய்வரங்கம் மற்றும் இலக்கிய குழு)

There will be daily discussion, group discussion and short film screenings to develop social thinking among the students. Literature forum recognizes and trains the one who writes stories and poems in tamil. And to help the students who comes from tamil medium background there will classes conducted everyday by the senior members of tamilmandram and in the classes engineering subjects will be teached in simple tamil.

ART FORUM (கலைக்குழு)

Arts such as Karakam, Bharatham, Golattam, parai and Silambam are taught daily on behalf of the Tamil Mandram with the aim of incorporating the traditional arts of the Tamils among the MIT students.

துவக்கவிழா 2023

கலாச்சாரத் திருவிழா 2023

MIT VARIETY CLUB

Club and its history

MIT Variety club is the official cultural club of MIT campus which strives to bring out the hidden talents of the students and to pursue their ardent passion. It started in the year 2007 by our seniors with a handful of people and now it has a troupe of more than 40 performers.

Benefits of the club

Active participation of students from various departments results in open- mindedness to move beyond boundaries with different ideas, enhancement of the personal and social skills, confidence, and organizational skills and time management.

Our club offers limitless opportunities for student's leadership, personal skills and participation beyond classroom setup and academic programme.

Works and Achievements

MIT variety team performs in college fest (Shivaranjini and Mitafest) and also in inter-college events.Cultural performance includes variety shows like shadow and UV performance, comedy skits, conscious voice overs, mime and ad-zap.

In the academic year 2021-2022, MIT Variety team had participated in 4 mega inter college Variety contests and conquered in 3 events and also bagged many prizes to the college in past years.

Won 1st prize in INSTINCTS'22 at SSN

Won 2nd prize in PRADHARSHINI'22 at KMC

Won 3rd prize in INSTINCTS'22 at SSN

Participated in TECHOFES'22 at CEG

Got appreciation from DEAN of MIT

Intra variety Performance in MITAFEST'23

COMPUTER SOCIETY OF MIT

The Computer Society of MIT (CSMIT) is a technical club established in 1983 to make technocrats out of both casual and benighted students. The student body is associated with the Computer Center of MIT and gives equal opportunities to all departments. CSMIT conducts two flagship events Enigma and Carte Blanche, which provide industry training to college students, training in programming skills and aptitude, workshops for higher studies, and care for individual students. CSMIT also conducts programs for government school students, training them on computer programming and big data analytics. In the future, CSMIT aims to develop a digital notice board for MIT to keep students updated about club activities and benefits, cutting down the cost of printing posters.

ACTIVITIES PLANNED FOR THIS YEAR:

ENIGMA

The Computer Society of MIT successfully conducted the intra-college technical event called Enigma. The event featured a wide range of activities such as programming, debugging, Mu pro, and CAD modeling, catering to every student of MIT. Enigma provided a platform for students to showcase their technical skills and knowledge, while also providing industry exposure and networking opportunities. Top-performing students were recognized and rewarded with internships from various companies that were attracted to the event. Enigma also provided industry training for college students during odd semester holidays, enhancing their practical knowledge and skills. Overall, Enigma was a huge success and helped students to develop their technical abilities while also preparing them for their future careers. The Computer Society of MIT plans to continue organizing Enigma as a technical event, focusing on quality and meaningful activities that benefit the students.

CARTE BLANCHE

The Computer Society of MIT plans to continue organizing Carte Blanche as an annual technical symposium, aimed at providing a platform for budding software enthusiasts to showcase their skills through various events such as workshops, paper presentations, demos, and competitions. The event will continue to attract companies for internships and provide industry training to college students, with individual care given to all attendees. The club will also continue conducting workshops for students aiming to pursue higher studies and emphasizing placements by training MIT students in aptitude and programming skills. In addition, the club plans to continue sponsoring students from other colleges, with the aim of increasing the number of beneficiaries in the future.

PLACEMENT TALK

The Computer Society of MIT will continue to conduct placement training sessions for its junior members in the future. The upcoming sessions will cover various aspects of the interview process and provide useful tips and resources to help prepare students for job placement. These sessions will include query-raising opportunities to provide students with the chance to ask questions and receive answers from experienced seniors. By offering such sessions, CSMIT aims to support students in their skill development and enhance their chances of success in their job search.

MONTHLY CODING CONTESTS

The Computer Society of MIT will be conducting monthly coding contests to provide an opportunity for students to showcase their coding skills and problem-solving abilities. These contests will be open to all students of MIT, and participants will compete against each other to solve a set of coding problems within a given time frame. The contests will not only enhance the coding skills of students but also provide a platform to learn and interact with fellow coders. CSMIT will provide the winners with attractive prizes and recognition, motivating them to participate in future contests. The monthly coding contests will also help in identifying potential talent for future events and competitions.

OFFICE BEARERS

Name	Position	Contact
Hemanth N	Chairman	9080558795
Ranjith V	Chief Event Organizer	9150584976
Jagan S	Chief Technical Officer	7540088216
Vinoth M	Vice Chairman	8111067975
Sakthivel DS	Treasurer	7708085789
Ramyaa P	Design Executive Officer	9444061343

MIT ROBOTICS ASSOCIATION

Our goal at MITRA is to provide students with hands-on experience and interactive activities that fostertrans disciplinary abilities. To complement their academic studies, MITRA is committed to offering innovative opportunities that fuel creativity. Our organization equips individuals tothrive in the evolving global landscape by providing them with the necessary knowledge and skillset in the field of Robotics. To learn more about us, please visit our website.

Sessions Conducted

- ❖ Python for beginners
- ❖ Computer Vision
- ❖ Robot Operating System
- ❖ Machine learning Arduino

Annual National-level Symposium DEXBOT

DEXBOT is an extensive event filled with technical contests and workshops to improve and test the participants' skills in new robotic and AI technologies and enhance their spirit by conducting ahealthy competition. Hundreds of students from MIT and other colleges participate every year.The symposium helps students meet industry standards and gain practical experience in their fields.

EVENTS CONDUCTED	Workshops Conducted
❖ Robo	❖ Internetof Things
❖ WarRoboSocer	❖ AVR for
❖ LinefollowerSortBot	❖ Robotics Machine
❖ Allter rainbot	❖ Learning Ethical Hacking Image Processing
❖ Robo	❖ Reinforcement
❖ RaceRobot	❖ Learning
❖ honArduin	❖ Robotics with CV Robotic Control
❖ oChalleng	❖ System Python for Data Science
❖ eRCRace	

ABOUT TEDcMIT

TEDcMIT is a forum established in 2017 for like-minded students who aspire to change the world with their innovative ideas and inspire them to think independently. With the same objective as that of global TED, our team is working to identify the inherent talent of students with distinct insights and motivate them to achieve big through the words of inspiring speakers. True to our motto - Inspire, Innovate, Invent we seek to provide a stage for those who have marvellous ideas and wish to share them.

2017
Inception of TEDcMIT
INNOVATE'17
Changing currents
4 speakers

INNOVATE'18
Connecting the Dots
12 speakers
Out of the Box
7 speakers
2018

2019
INNOVATE'19
Breaking Barriers
4 speakers
Art of Failing
5 speakers

INNOVATE'21
Past the Impasse
10 speakers
Two day online event
2021

2022
INNOVATE'22
Truth and Dare
7 speakers

INNOVATE

Innovate, the flagship event of TEDcMIT, is a line-up of TEDx based talks put together as an event. It includes a series of short talks, demonstrations and performances on a wide range of subjects. Innovate has been conducted on many themes, featuring a diversity of speakers from across several disciplines that address a variety of topics. Notable speakers include Dr Vaidehi Vijayakumar - Vice Chancellor, Mother Teresa Women's University, Mr Sagayam U - Former IAS officer, Mr Raj Mohan - Youtuber, Put chutney, Ms Vanathi RM - Founder, That's My Child, Ms Barathy Baskar - Tamil orator.

OTHER ACTIVITIES

The Datum is a segment which focuses on tech innovations & other fascinating questions in a captivating way. TEDBITS is a series where short clips of famous TED talks are posted. Ready to Lead and MadAds are speaking events to unleash the diplomat and master persuasion skills respectively

tedc@mitindia.edu　　　The TED club of MIT　　　@tedcmit

MIT CAMPUS DEPARTMENT OF AEROSPACE ENGINEERING RAPTORS CLUB

The official aero modelling club of MIT, Raptors club was recognized on 2nd November, 2022. Until then, it was just an attachment of Association of Aeronautical Engineers. From the recognition of Dean MIT, various academic projects have been formed due manufacturing RC fixed wing aircrafts and UAV drones. The projects are:

Project Alpha

❖ A 3.5kg fixed wing RC airplane with a small payload carrying capacity fitted with solar panels on the wing for recharge of the battery utilising the solar power.

❖ Students from 2nd and 3rd years have contributed from the basic aircraft design for various parameters and analysis of each part of the aircraft.

❖ The aircraft skeleton is made up of Balsa wood and Poly Lactic Acid. Currently, the team is working on reinforcements for the aircraft skeleton. The future work is directed towards electrical connections in the airplane and covering the sheet over the aircraft skeleton.

UAV integration:

❖ For 2nd years the basics of drone and types of drones, need for drones in various sectors is being taught.

❖ The electronics behind drones is being taught in the sessions.

❖ Currently, a micro drone and mini drone is being made with the help of 2nd years and Kanishkar snr.
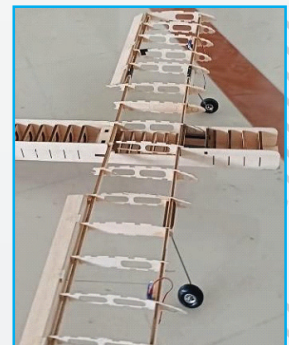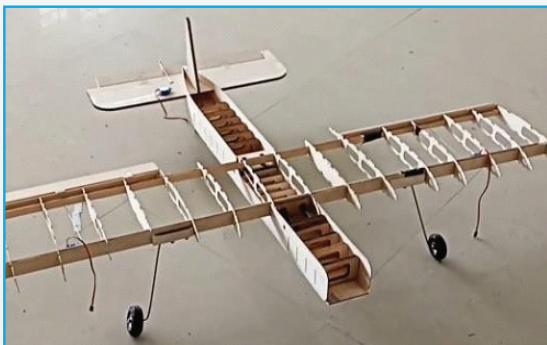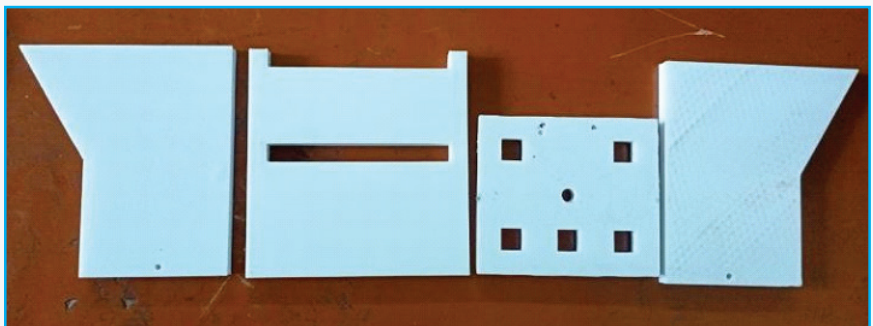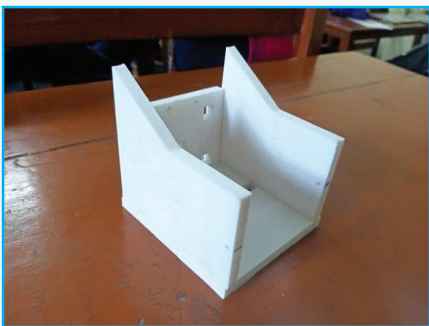
NAAN MUDHALVAN

IMPLEMENTATION OF A MASSIVE UPSKILLING PROGRAM AT MIT CAMPUS, ANNA UNIVERSITY

NO. OF STUDENTS BENEFITED - 2511

Pie chart values: 25, 739, 808, 19, 61, 35, 71, 331, 47, 64, 31, 78, 21, 76, 105
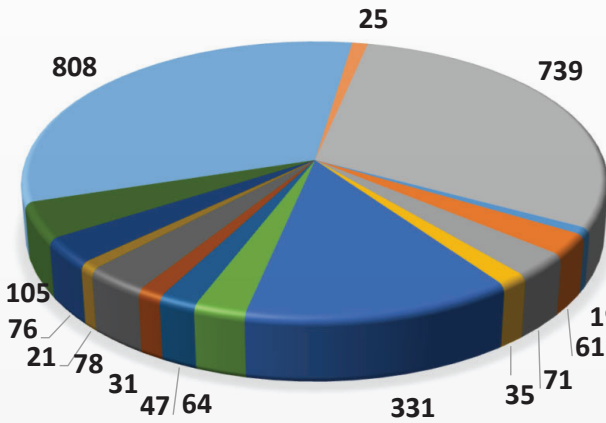
MANDATORY COURSES - ODD SEMESTER

- Machine Learning with Application to Object recognition
- Powering IoT using Raspberry Pi/arduino
- Robotics simulation for Manufacturing
- Augmented &Virtual Reality
- Machine Learning (Mech)
- Industry 4.0
- Full Stack
- Cyber Security
- Cloud Essentials
- Smart Energy Grid
- Big Data Analytics
- Electric Vehicle (Mech)
- Microsoft Office Fundamentals
- Electric Vehicle Charging System
- Overview of English Language Communication

NAAN MUDHALVAN COURSES CONDUCTED @ MIT

TRAIN THE TRAINERS IN TECHNICAL COURSES

NANN MUDHALVAN FEEDBACK & REVIEW MEETINGS

PRIZES BAGGED

INGAGE METAVERSE CHALLENGE 2022 — RUNNER UP II

TEAM NAME: ALICIZATION
PROJECT NAME: PROJECT MARTIANATION

Mr. SUJAI DEV P (CSE) Mr. SUBISH DANIEL (CSE) Mr. JAYAGOKUL KRISHNA (CSE)

Mr. HARISH REDDY (E&I) Mr. AASHIQ SENTHIL PRASAD (CSE)

NAAN MUDHALVAN

IMPLEMENTATION OF A MASSIVE UPSKILLING PROGRAM AT MIT CAMPUS, ANNA UNIVERSITY

**Naan Mudhalvan
A Massive Upskilling Program
FACULTY DEVELOPMENT PROGRAM**
For Engineering College Faculty

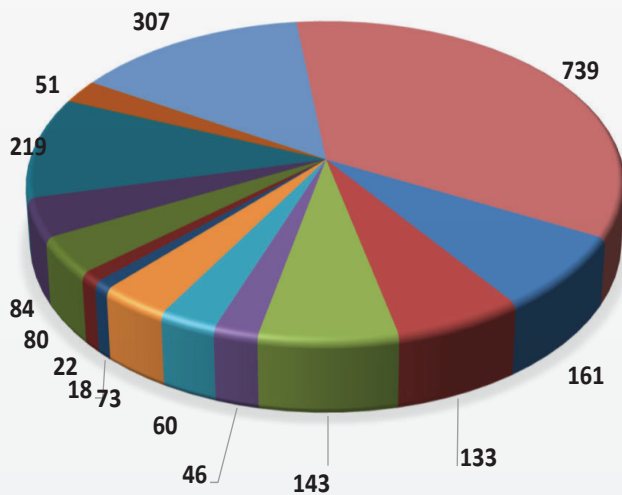**MADRAS INSTITUTE OF TECHNOLOGY - ANNA UNIVERSITY**
Chrompet, Chennai – 600 044
Cordially Invites you to the Training Program

Dates: 13th - 17th, February 2023

Sl.No	Name of the course	Training providers	Venue
1.	Product Design Engineering & 3D Surface Modelling	TANCAM, TIDCO	Lab 2, Computer Centre, 2nd Floor, Administrative Block
2.	Full Stack	SUNSTONE	Charles Babbage Conference Hall **Department of Computer Technology**
3.	Embedded System Design & Applications	Vi Microsystems Pvt.Ltd	KVN Seminar Hall & DCF-PG Lab, 3rd Floor, Main Block New Building, **Department of Instrumentation Engineering**

NO. OF STUDENTS BENEFITED - 2136

MANDATORY COURSES - EVEN SEMESTER

- ■ Product Design & 3D Surface Modelling
- ■ Robotic Process & Industrial Automation
- ■ Smart & Advanced Manufacturing Design & Simulation
- ■ Smart & Advanced Manufacturing–Process Simulation
- ■ Electric Vehicle Design
- ■ Digital Marketing
- ■ Embedded System Design for Industrial Application
- ■ Design of Solar Photovoltaic System
- ■ Block Chain Development
- ■ Network Engineering
- ■ Professional Readiness for Innovation, Employment & Entrepreneurship
- ■ Foundation for AI, ML, FS
- ■ Network Essentials
- ■ Overview of English Language Communication Assessment & Certification from Cambridge

NM TEAM MEMBERS

Dr. G. Sumithra	SPOC
Dr. J. Dhalia Sweetlin	MIT campus Coordinator
Ms. S. Eliza Femi Sherly	Co-Coordinator
Mr. V. Kannan	Core Team Member
Mr. R. Vinoth	Core Team Member
Mr. G. Kuppusamy	Core Team Member

DEPARTMENT SPOCs

Dr. V. P. Jayachitra	Dr. A. Ganeshram
Dr. J. Dhalia Sweetlin	Dr. V. Mugendiran
Dr. K. Mariammal	Dr. K. Elangovan
Mr. B. Vasanthan	Mrs. D. Piratheba
Dr. V.Suresh	Dr. Deepa Mary Francis

MASTER ASSESSORS TRAINING PROGRAM
#### 13-03-2023 to 21-03-2023

NALAYA THIRAN

"Professional Readiness for Innovation, Employability and Entrepreneurship" Under the Naanmudalvan Initiative, the Government of Tamilnadu has launched Nalaiya Thiran – an experiential project-based learning program, with Anna University as the University Ecosystem Partner, IBM as the Technology Partner, ICT Academy as the Support Partner, and NASSCOM as the Skills Certification Partner. IBM has identified 50 industry problem statements for which students shall build solutions while they undergo 100 hrs. of project-based learning as an elective course with 3 academic credits

The students work in groups of four to complete projects using agile approaches and with the aid of faculty and industry mentors. Following the evaluation, the best teams will be identified and recognized. IT-ITeS NASSCOM will issue the National Skills Certification to the students who successfully completes the program & are evaluated. ICT Academy, being the local coordinating agency is facilitating the faculty training and also helping the project mobilization in the state of Tamil Nadu.

Goal 01	Elective Course 02	Evaluation 03	Certification 04
❖ 411 Students from final year ❖ 7th Semester ❖ Engineering Students (CT, IT, EE) ❖ 16 Faculty trained on Mentoring & Evaluation Methods	❖ Project Based Experiential Learning Model ❖ 100 Hrs (4 Months) ❖ 3 Credits	❖ Project level by IBM ❖ Student level by Faculty Evaluators	❖ IBM Project Certificate ❖ Anna University Credits ❖ National Skills Certificate by NASSCOM

Nalaya Thiran Project Domain Verticals
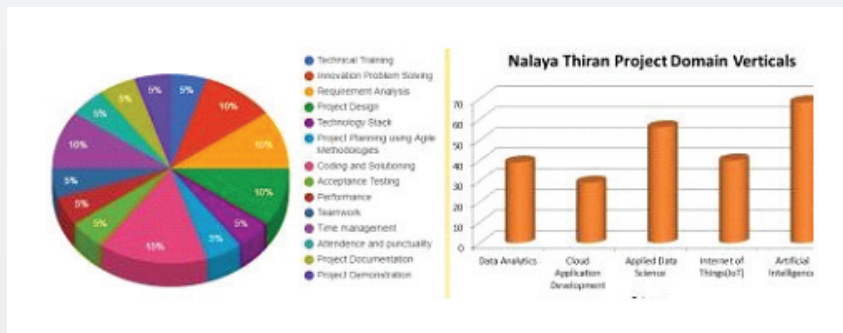
Departments : 3 Teams : 97 Students : 411 Mentors(Academic & Industry) : 25 Evaluators (Academic & Industry) : 25

MADRAS INSTITUTE OF TECHNOLOGY
ALUMNI ASSOCIATION