VINAYAKA MISSION'S RESEARCH FOUNDATION

(Deemed to be University under section 3 of the UGC Act 1956)

20 Years of *Excellence* Since 2001

Accredited by

NAAC
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

nirf

DSIR RECOGNIZED

INTERNATIONAL QUALITY
EDUCATION
WITH A MULTI-SPECIALISATION

AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
Paiyanoor, Chennai
Approved by AICTE, New Delhi

IETE STUDENT FORUM AWARD

ISTE BEST STUDENT AWARD

BEST IEEE CHAPTER AWARD

AWARDS BEST ENGINEERING INSTITUTE

ARIIA RANKING

MSME INCUBATION CENTER

82% PLACEMENTS

AVIT

AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

Paiyanoor, Chennai

Accredited by **NAAC**

Approved by AICTE, New Delhi

Building Individuals to Build The World

Engineering
Technology
Management

Vinayaka Mission was established in the year 1981 in Salem. In 2001, the Ministry of Human Resource Development, Govt. of India, conferred University status on Vinayaka Mission based on the recommendations of the University Grants Commission (UGC) as an acknowledgement to its excellence in education, for meeting the highest level of academic standards and for setting a new infrastructural benchmark in technical education. By this recognition, Vinayaka Mission transcended to become Vinayaka Mission's Research Foundation - Deemed to be University (VMRF-DU).

Why choose AVIT?
ONE NAME MANY REASONS

The Campus - Green and serene atmosphere providing the perfect ambience for peaceful and creative learning.

Faculty - Student friendly faculty strongly supported by a number of eminent adjunct faculties from industries and reputed foreign universities for handling specialised courses and to mentor specific activities.

Research - State-of-the-art research facilities like Bosch Automotive Lab, Intel Artificial Intelligence Lab, Intel Intelligence Systems IoT Lab, SIEMENS Process Engineering and Design Lab, Plant Tissue Culture Lab, Concrete Research and Testing Lab, Renewable Energy Lab, Digital Twin Technology Lab and Nanotechnology Lab.

Industry-Institution: Industrial Consultancy.

Internship: Tie-ups with leading industries for internship.

Entrepreneurship: Imparting Entrepreneurship skills through a dedicated Innovation and Product Development Cell.

Placement: Excellent placement record in diverse core industries.

Facts & Figures

AWARDS & RECOGNITION

AICTE-ECI-ISTE Chhatra Vishwakarma Award
L &T Techgium Innovation Award
Best Project Team - National Science Fest 2020
MSME Incubation Centre
ARIIA Ranking for Instituational Innovation
Best IEEE Chapter Award
ISTE - Best Student Awards
ISTE Appreciation Award
Dalal Street Magzine - Best Engineering Institute Award
IETE Student Forum Award
Education Expo TV (EET) Award
Best student Project Award by TNSCST
Nodal Centre - SWAYAM - NPTEL, IIT - Madras
Nodal Resource Centre - IIT - B - SRC
Best Rotaract Club Award

Member Institution

ICT Academy
NASSCOM
Computer Society of India
Confederation of Indian Industry (CII)
Automotive Component Manufacturers Association (ACMA)
CROMA HR
Federation of Indian Chambers of commerce and Industry (FICCI)
Perennial Assistance Award - UBA
IIC Innovation Ambassador - MHRD - Institution Innovation Council
NISP Coordinator - NISP
IIC Innovation Award - IIC - MHRD
Outstanding Educator Award - South India Women Achievers Awards
Active SPOC Award_Jan-June 2020 - IIT Madras
Outstanding Educator Award - Rotary Club

STUDENT ACTIVITIES

41 Professional Society student Chapers
402 Industrial Visits
5911 students participated in Symposiums
5 student patents
211 NSS and Rotaract Activities
146 International Conference Publications
172 Value added Programmes

COMMUNITY ACTIVITIES

- 207 Toilets constructed and donated to the nearby Paiyanoor village
- 5 Villages adopted and implemented 3 projects under Unnat Bharat Abhiyan, MHRD, Govt. of India, New Delhi
- Fabrication and Installation of seed balls production equipment
- Solar power to Street Light and common utilities for villages
- Digital marketing App for Rural people
- Safety, Environment, Health Awareness programmes in collaboration with Goverment agencies
- Installed Smart class rooms in near by rural Govt. Schools

PRESTIGIOUS COLLABORATIONS

Universities
Arkansas State University, USA
Oakland University, USA
University of North Texas, USA
Edinburg Napier University, UK
Naresuan University, Thailand
NPI, Bangladesh
Technological University (Hmawbi), Myanmar
IYF - South Korea
Society for Electronic Transactions and Security (SETS)
NIT, Nagaland
Wollo University, Kiot, Ethiopia

Industries
INTEL FICE
Infosys Campus Connect
Bosch
Siemens
Hitachi Automotive Pvt. Ltd, Japan
Tech Mahindra
Eureka Forbes
Salcomp
Golden Jubilee Biotech Park, Chennai
Softgel Healthcare Pvt. Ltd, Chennai
GBL - Prayojana Construction Management Training Institute
UC Berkeley - IAG & FICE Education Private Limited
ORION Automotive and Tubular Batteries

CONFERENCE AND PUBLICATIONS

25 International Conferences Organised
622 Journal Publications
872 Conference Publications
27 Books Published
₹62 Lakhs Research funding from Govt. funding Agencies
21 patents filed

INDUSTRY INSTITUTE INTERACTION

79 MoU's signed
Curriculum development by Industry experts
Industry offered Electives
Internship

Skill Development

Skill Development and Vocational Programmes through B.VoC and PMKVY - TI

STUDENT SCHOLARSHIP

A V Higher Education Scholarship up to ₹3.22 crores

India's Pioneering University

with multi-specialisation

Engineering

Courses offered

To obtain specialisation in emerging areas

To obtain Minor Degree and Honours

UG Programmes - B.E / B.Tech. (Regular - 4 years)

Programmes	Specialisation
B.Tech - Biotechnology	• Genome Engineering and Technology • Drug Engineering • Industrial Biotechnology • Medical and Pharmaceutical Biotechnology • Nano Biotechnology • Marine Biotechnology • Agricultural Biotechnology
B.E - Artificial Intelligence and Data Science	
B.E - Bio Medical Engineering	• Hospital Management • Implants and Rehabilitation Engineering • Clinical Engineering
B.E - Civil Engineering	• 3D Printing • Smart Cities • Sustainable Construction Technologies • Environmental Engineering • Water and Resource Management • Disaster Mitigation and Recovery • Urban Infrastructure • ERP in Construction • Mass Transport Systems • RE Valuation and Costing
B.E - Computer Science and Engineering	• Internet of Things (IoT) • Augmented and Virtual Reality • Big Data and Business Analytics • Artificial Intelligence and Smart Systems • Cyber Security and Cryptology • Multimedia and Animations • High Performance Computing • Cloud Computing and Virtualisation • Human Computer Interactions and IoT • Open Source Software and Open Standards • Block Chain Technology
B.E - Computer Science and Engineering - Cyber Security	
B.E - Electronics and Communication Engineering	• Data Science • Artificial Intelligence and Machine Learning • Virtual Reality and Augmented Reality • Wireless Communication Technology • RF Communications and Microwave • Sensors and Smart Systems • MEMS and Nanotechnology • Gaming Technology • Under Water Communication
B.E - Electrical and Electronics Engineering	• Electric Vehicles • Renewable Energy Technologies • Power Systems and Smart Grid • Automation and Control • Energy Audit
B.E - Mechanical Engineering	• 3D Printing and Design • Product Life Cycle Management • Energy Engineering • Materials Engineering • Automotive Engineering • Total Quality Management • Industrial Engineering • Thermal Engineering • Automotive Design and Manufactring
B.E - Mechatronics	
B.E - Pharmaceutical Engineering	

Engineering

UG Programmes

B.E / B.Tech
(Lateral - 3 years)

B.Tech - Biotechnology
B.E - Artificial Intelligence and Data Science
B.E - Bio Medical Engineering
B.E - Civil Engineering
B.E - Computer Science and Engineering
B.E - Computer Science and Engineering - Cyber Security
B.E - Electronics and Communication Engineering
B.E - Electrical and Electronics Engineering
B.E - Mechanical Engineering
B.E - Mechatronics
B.E - Pharmaceutical Engineering

B.E
(Part Time - 3 1/2 years)

B.E - Civil Engineering
B.E - Computer Science and Engineering
B.E - Electronics and Communication Engineering
B.E - Electrical and Electronics Engineering
B.E - Mechanical Engineering

PG Programmes

M.E / M.Tech
(Regular - 2 years)

M.Tech - Biotechnology
M.E - Computer Science and Engineering
M.E - Construction Engineering and Management
M.E - Embedded System Technology
M.E - Manufacturing Engineering
M.E - Power Systems Engineering

M.E / M.Tech
(Part Time - 3 years)

M.Tech - Biotechnology
M.E - Computer Science and Engineering
M.E - Construction Engineering and Management
M.E - Embedded System Technology
M.E - Manufacturing Engineering
M.E - Power Systems Engineering

Eligibility :
As per AICTE Norms

SCHOLARSHIPS

Academic Merit
Sports
Ex-Servicemen
Differently Abled
First Generation Graduate*
Alumni

* Only for Tamilnadu Students

VINAYAKA MISSION'S RESEARCH FOUNDATION
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY (AVIT)

SALIENT FEATURES

1. Interdisciplinary Innovation Cell approved by AICTE, MHRD

2. Multidisciplinary Incubation Centre approved by Ministry of MSME, Govt. of India

3. Prestigious and strategic GoI institutes - DRDO, DBT, MHRD, UGC-DAE funded projects.

4. Focussed initiatives on multidisciplinary patent development and publishing.

5. Intel, BOSCH, Siemens sponsored exclusive research centres.

6. Students project funding from IEEE, TNSCST, AICTE, etc.

7. New Central computing facility with Linux machines and more than 200 open source application softwares.

8. AVIT - a nodal resource centre - Spoken Tutorials by IIT Bombay., NPTEL- SWAYAM, local chapter by IIT Madras.

9. Students placed in IIT Madras as Research Project Associates.

10. UC Berkeley - Intel FICE micro innovation acceleration group for entrepreneurship development.

11. Exclusive Artificial Intelligence lab for multidisciplinary health sciences centric projects for early disease detection and disease management.

12. Focus on foreign language training with an established Japanese Learning Centre (JLC).

13. Multiple research centres including Nanotechnology research lab, IoT Research lab for interdisciplinary innovations.

14. Supported students' progression for international studies, higher education, entrepreneurship, government competitive examinations and placements.

15. Collaboration with core industries for paid student internships.

16. Ongoing Institutional - Industry initiatives including professional society activities, corporate training, research sponsorships, Guest Lectures by international faculty, industry workshops etc.,

17. Student / Faculty exchange programs with NIT and Naresuan University, Thailand.

AVIT
Research Centre

- CENTRE FOR NANOTECHNOLOGY RESEARCH
- CENTRE FOR PLANT TISSUE CULTURE
- SIEMENS DCS, COMOS INTEGRATED ENGINEERING AND SIMULATION LAB
- RESEARCH CENTRE FOR ALTERNATE FUEL TESTING
- CENTRE FOR CONCRETE RESEARCH AND TESTING
- RESEARCH CENTRE IN HARDWARE SECURITY
- CENTRE FOR RENEWABLE ENERGY TECHNOLOGY
- RESEARCH CENTRE FOR ARTIFICIAL INTELLIGENCE
- RESEARCH CENTRE FOR INTERNET OF THINGS (IoT)
- BOSCH AUTOMOTIVE RESEARCH CENTRE

Placement & Training

Our Prestigious Recruiters

amazon	HCL	HITACHI	JBM	Tech Mahindra
Infosys	HSBC	TATA TATA CONSULTANCY SERVICES	CMS	POLARIS
SUTHERLAND	Esteem Tech	VEL ASSOCIATES	E-Print digital technologies p ltd	DANA
Gestamp	Technosoft CORPORATION	HealthWatch	Global Competitiveness	ZOHO
EXOTIC Doors & Floors Leading Flooring Expert	SANMINA	Softgel	toppr	Stanadyne
Orbis International	INFAC	worksbot	Datalogics	CSS CORP
MPHASIS an HP company	UCAL	VPG	STAR TRACE PRIVATE LIMITED	tikona
Paragon	L&T	murugappa	BAHWAN CYBERTEK	ARVIND
epi EPISOURCE	flex	GSG	jaro education	PXS
KK Precision Components	MACJ	CNSI	Atos	POWERICA A PROMISE FOR POWER

Placement (2020-21) - 82%

Management

Specialisations

Human Resource Management	Entrepreneurship
Finance	Real Estate Management
Marketing	Real Estate Valuation
Logistics Management	Property Management
Business Analytics	Retail Management
E- Commerce	Operations Management
Systems	Environment Management
Hospital Administration	Agri Business Management
International Business	Airport and Airlines Management

Eligibility :
As per AICTE Norms

Bachelor of Vocation (B.Voc)

Automotive Manufacturing Technology
Travel and Tourism
Electronic Manufacturing Services

Doctoral Programmes - Ph.D

Engineering
Technology
Management
Humanities
Science

UG Programmes

- B.A (Tamil)
- B.A (English)
- B.B.A
- B.C.A
- B.Com
- B.Com (Computer Application)
- B.Sc (Computer Science)
- B.Sc (Maths)
- B.Sc (Physics)
- B.Sc (Chemistry)
- B.Sc - Computer Science (Data Science)
- B.Sc - Computer Science (Cyber Security)
- B.Sc (Statistics)

PG Programmes

- M.A (Tamil)
- M.A (English)
- M.Com
- M.Sc (Computer Science)
- M.Sc (Chemistry)
- M.Sc (Environmental Science)

SCHOOL OF ALLIED HEALTH SCIENCES

(An ISO 21001:2018 Certified Institution by QCI, NABCB approved TUV-SUD)

Salem | Puducherry | Chennai

The School of Allied Health Sciences was started with a motive of giving the best education and training in the field of allied health sciences.

The infrastructure, clinical exposure, hands-on training, upgradation of techniques and teaching methodologies are key to outstanding performance of our students. Extensively available books and international journals open up new possibilities in different streams of study. With a motive to inculcate social responsibility many extra curricular activities like Community outreach programmes, NSS, RRC have been initiated and done successfully.

CBCS — Help students Acquire academic and Professional Competencies through CBCS pattern which is in par with global standards.

VAC — Develop Effective Communication Skills and Leadership Qualities through Value Added Courses

CAREER GUIDANCE — Help them to avail job opportunities and facilities of self employment through career guidance and Campus Placement drives

SKILL — To bring about holistic development of personality through skill enhancement courses

ISR — To develop sensitivity and awareness towards environmental problems and their solutions through Institutional Social Responsibility activities

e-courses — Online learning highly motivated, SWAYAM-NPTEL Local Chapter established, more than 400 enrollments achieved.

IIC — Institutional Innovation Council that improves and supports students start ups & Innovative Ideas.

UG COURSES

Eligibility: A pass in 10+2 with PCMB / PCBZ / PCMCS
Duration: 3 years + 1 year Internship

- B.Sc Cardiac Technology
- B.Sc Perfusion Technology
- B.Sc Medical Lab Technology
- B.Sc Anaesthesia Technology
- B.Sc Operation Theatre Technology
- B.Sc Neuroscience Technology
- B.Sc Renal Dialysis Technology
- B.Sc Radiography
- B.Sc Trauma Care Management
- B.Sc Physician Assistant
- Bachelor of Optometry (B.Optom)

DIPLOMA COURSES

Eligibility: A pass in 10th Std / 10+2 Examination
Duration: 2 years

- Diploma in Radiology and Imaging Technology
- Diploma in Operation Theatre & Anaesthesia Technology
- Diploma in Medical Lab Technology

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https://www.youtube.com/channel/UCfKlfVWiwgfQeh21KFGsGFQ
facebook.com/fahsvmrf
https://twitter.com/SahsVmrf?s=08
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www.fahs.ac.in

VINAYAKA MISSION'S RESEARCH FOUNDATION

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- Aarupadai Veedu Medical College and Hospitals - Puducherry
- Aarupadai Veedu Institute of Technology, Paiyanoor - Chennai
- Vinayaka Mission's Kirupananda Variyar Medical College and Hospitals - Salem
- Vinayaka Mission's Medical College and Hospitals - Karaikal
- Vinayaka Mission's Kirupananda Variyar Engineering College - Salem
- Vinayaka Mission's Annapoorana College of Nursing - Salem
- Vinayaka Mission's College of Nursing - Karaikal
- Vinayaka Mission's College of Nursing - Puducherry
- Vinayaka Mission's Sankarachariyar Dental College - Salem
- Vinayaka Mission's College of Pharmacy- Salem
- Vinayaka Mission's Homoeopathic Medical College and Hospital - Salem
- Vinayaka Mission's College of Physiotherapy - Salem
- Vinayaka Mission's College of Arts and Science - Salem

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