



**Periyar Maniammai Institute of Science & Technology
(Deemed to be University)**

**35th ANNUAL REPORT
(2022-2023)**

Periyar Maniammai Institute of Science & Technology is functioning with a vision of inculcating knowledge to the deprived people of this region and it is a pleasure to declare that the university has been steadily progressing with the best wishes and cooperation of the authorities and academicians.

The 30th Convocation of PMIST held on 30.08.2022. Esteemed Chancellor presided over the convocation. and **Hon'ble Thiru. Justice N.Anand Venkatesh**, High Court of Madras, Chennai was the Chief Guest.

The university, true to its motto of "Think, Innovate, Transform" continuously excels in studies and research.

We are very proud to inform you that the institute received 621st place in "**UI GREEN METRICS World University Rankings 2022**".

Periyar Maniammai Institute of Science and Technology received "**BEST EDUCATIONAL INSTITUTION AWARD**" for the academic year 2022-2023 awarded by SS Info TV and Puduyugam TV on 26.02.2023.

Dr.S.Senthamilkumar, Dean FET received "**ACADEMIC EXCELLENCE AWARD**" from IEI (India), Tamil Nadu on 15.12.2022.

PMIST is recognized as National Cyber Defence Resource Center (NCDRC) by the National Cyber Safety and Security Standards (NCSSS), New Delhi for the purpose of creating extensive awareness across the country and to carry out training and research programmes in National Cyber Security.

Also NPTEL acknowledged PMIST as a nodal center in this region. Till date 3 batches of soft skill training completed and 117 participants were benefitted. Totally 128 faculty members attended Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course.

VIKRAM-S Rocket launched miniaturized Satellite Developed by PMIST students ISRO launch Pad, Sriharikota on 18.11.2022.

"Periyar Maniammai Transformers Award 2023" was organized on 25.02.2023 and 80 teachers from various Schools have been bestowed with Bets Transformer Award.

Learn Democracy - Student Parliament programme was organised by PMIST on 25.02.2023 Thiru. Thol. Thirumavalavan, Member of Parliament acted as Chief guest of this event.

Management Scholarships:

Every year PMIST awards academic scholarships for meritorious students under various categories. We always extend our helping hands to the students, especially to the rural poor and the downtrodden who are in need of financial support to pursue their studies. In addition, wards of the teaching and non teaching staff of PMIST and our sister Institutions, and students from Periyar PURA villages are given Management Merit Scholarships. This academic year scholarships worth Rs.2.20 crores were given and 2320 students got benefitted by our scholarship schemes.

LIABILITIES	SCH	AS ON 31.03.2022	AS ON 31.03.2021
Capital Fund	J	159,120,774	236,046,182
Endowment Fund		8,683,372	8,236,534
Caution Deposit	K	16,237,629	15,049,868
Grants	L	13,141,759	13,846,530
Other Liabilities	M	26,390,970	30,039,551
Secured Loan	N	20,791,256	67,584,612
Total in Rs.		244,365,760	370,072,277
ASSETS			
Fixed Assets	O	18,876,419	188,709,955
Deposits	P	1,018,070	1,018,070
Investments	Q	160,856,696	101,073,349
Loans and Advances	R	5,225,653	693,740
Current Assets	S	57,932,659	78,577,163
Branch/Division	T	456,263	731,000
Total in Rs.		244,365,760	370,803,277

Income and Expenditure for the year Ended 31.03.2022					
Expenditure	2021-22 Amount (Rs.)	2020-21 Amount (Rs.)	Income	2021-22 Amount (Rs.)	2020-21 Amount (Rs.)
Educational & academic expenses	200,996,652	175,357,456	Sources of Income	253,131,129	198,470,377
Excess of income over expenditure	52,134,477	23,112,921			
Total in Rs.	253,131,129	198,470,377	Total in Rs.	253,131,129	198,470,377

Academic Achievements of various Faculties

➤ Faculty of Architecture and Planning

- Staff of Faculty of Architecture and planning organised 35 national level seminars,

guest lectures , symposiums and conferences.

- Published 20 paper in reputed National and International Journals
- Presented 25 papers in National and International Conferences
- Participated in 32 National level seminars, Symposiums and conferences
- Attended 26 FDP / STTP
- Received 16 awards from various recognized bodies

➤ **Faculty of Engineering and Technology**

- Staff of Faculty of Engineering and Technology organized 147 national level seminars, symposiums guest lectures and conferences.
- Published 68 paper in reputed National and International Journals
- Presented 59 papers in National and International Conferences
- Participated in 139 National level seminars, Symposiums and conferences
- Attended 49 FDP / STTP
- Received 37 awards from various recognized bodies

➤ **Faculty of Computing Sciences and Engineering**

- Staff of Computing Sciences and Engineering organized 46 national level seminars, symposiums, guest lectures and conferences.
- Published 25 papers in reputed National and International Journals
- Presented 49 papers in National and International Conferences
- Participated in 82 National level seminars, Symposiums and conferences
- Attended 72 FDP / STTP
- Received 06 awards from various recognized bodies

➤ **Faculty of Humanities, Sciences and Management**

- Staff of Humanities, Sciences and Management organized 89 national level seminars, symposiums, guest lectures and conferences.
- Published 79 paper in reputed National and International Journals
- Presented 15 papers in National and International Conferences
- Participated in 165 National level seminars, Symposiums and conferences
- Attended 48 FDP / STTP
- Received 26 awards from various recognized bodies

Notwithstanding to the objectives of promoting higher education and research, the holistic development of students, a societal-service approach, providing opportunities for students of rural background, in particular for girl students and students from marginalized communities remain as a special emphasis always in our approach.

All the activities of NCC, NSS, YRC and Red Ribbon Club of our University will be having this as our focus.

Our NCC cadets participated in various events and competitions.

- After the successful completion of RDC selection at various level of competitions like Inter Unit Competition, Inter Group Competition, RDC Launch - I and RDC Launch- II, *Company Under Officer Army cadet A. Annamalai of III year B.Com (CS)* was selected to participate in Republic Day Contingent 2023 in the Prime Minister Guard of Honor.

- The EBSB -II CAMP was held Jhansi, Uttar Pradesh at from 10.10.2022 to 19.10. 2022. Army cadet J. Shadu Mohamed of III B.Sc Computer Science and A. Abdul Aathil of III B.Sc Computer Science participated in that camp.
- Ek Bharat Shrestha Bharat camp – I (EBSB) was held at NCC Training Academy, Idaypatti, Madurai from 24.08.2022 TO 04.09.2022. 04 NCC cadets namely RD. Venkatesh Prasath of III year Mechanical, T. Dinesh and A. Mahendra Sethupathy of III year Civil and K. Yogesh of III year B.Com (CS) attended this camp
- 18 Air cadets and 11 Army cadets appeared in NCC ‘‘B’’ certificate Examination (conducted by DG NCC, Delhi at National College, Trichy and Annai Velankanni Arts and Science College, Thanjavur on 11/03/2023 and 12/03/2023)
- 08 Air cadets and 15 Army cadets appeared in NCC ‘‘C’’ certificate Examination (conducted by DG NCC, Delhi at St. Josephs college, Trichy and Annai Velankanni Arts and Science College, Thanjavur on 18/02/2023 and 19/02/2023).

NSS

- Ms. S. Eniya Varshini, II year B.Sc.,Computer Science, NSSVolunteer, Software Engg. department was Participated in the prestigious 74th Republic Day Parade in the presence of Hon'ble R.N.Ravi Governor, TamilNadu and Hon'ble M.K.Stalin,Chief Minister, Tamilnadu.
- 48 various activities and programmes were conducted in this academic year.

YRC

Students of PMIST donated 166 units of blood during blood donation camps organized by Youth Red Cross division of PMIST during the celebrations of

- Thanthai Periyar’s Birth day on 16.09.2022
- Esteemed Chancellor’s Birthday on 02.12.2022 and
- Tamilnadu State Blood Transfusion Council had given an appreciation award for actively participating and organizing blood donation Camp in 2022. The award was received from Mr.Dinesh Ponraj Oliver, Collector, Thanjavur District.

Red Ribbon Club of PMIST

- Organized an ‘‘AIDS Awareness Programme to the public through pasting the stickers in the Vechicles (Auto, Ambulance)’’ on 07-10-2022
- Conducting Aids Awareness Rally from rayiladi to GH, Thanjavur on WORLD AIDS AWARENESS DAY on 01.12.2022

CENTRE FOR STUDENTS AND ADMINISTRATIVE SERVICES (CSAS)

- PMIST organized the celebration of ‘World Mother Tongue Day’ on 21.02.2022
- Tamil Mandram conducted a debate on ‘‘ Drug Prohibition Law’’ ‘‘ Is Addiction a Disease or a Choice?’’ to create anti-drug awareness among the students of Software, Animation, English and Political science on 12.08.2022
- Aero club was inaugurated on 21.09.2022 and hands on workshop on ‘‘Making of Paper Plane Models’’ by Department of Aerospace Engineering.
- Citizen Consumer Club conducted a drawing competition & Poster Making competition on the theme of **My Vote is My Right & Power of One Vote on 21.10.2022**
- Vigilance Awareness Week was observed on 26.10.2021 to 01.11.2022. Citizen Consumer Club & Debating Society organized Pencil Drawing competition for the students.
- Energy and Environment club conducted Poster Design competition on Sustainable Development goals on 22.11.2022
- Painters Club organized the lively painting activity on PKC wall depicting the culture and tradition of Tamil Nadu on 06.01.2023
- Students council election was conducted and the students council actively helped in

organizing various events.

The University strives to the core for an excellence in research by taking various research promotion measures and schemes and also by maintaining cordial relationship with reputed institutions both at the national and international level.

Research Activities:

- Six (06) Research scholars successful defended their theses and declared eligible for the award of Ph.D. in this academic year
- With the aim of increasing Industry Institute collaboration, 13 MoUs have been initiated during the academic year
- Our faculty members filed 15 patents and in that 5 patents, PMIST is an applicant
- Till date 691 research articles and documents were published by our faculty and researchers in Scopus database and in this 41 research articles were published in this academic year
- 35 full time and 131 part time (total166) research scholars are pursuing their research at PMIST
- 12 full time scholars got 100% scholarship.
- PMIST Institution Innovation Council (IIC) has received 3 stars in the year 2021-22 from Institution Innovation Cell (IIC) by MoE and AICTE.
- Dr.A.Ashokkumar, Associate professor Head of the Department of Biotechnology was nominated as a member of the District Green Committee for Tamilnadu Pollution Control Board, Thanjavur District.
- Dr.S.Kumaran, Associate Professor, Biotechnology was nominated as Member An expert in Environmental Science for Tamil Nadu Biodiversity Board, Technical Support Group (TSG), District Forest Office, Thanjavur District.
- Sanctioned 5 lakhs for seed money for five faculty members .
- 50 of our pre final year students have submitted the applications for Mitacs internship scholarship to Canada Universities in the year 2022.
- PMIST has received the best creative poster on Institute’s Innovation & Entrepreneurship Journey / Achievements at the IIC regional meet 2022 held on 8.8.2022 at PSNA college of Engineering and Technology, Dindigul.
- Our Faculty members have submitted six research proposals to various funding agencies like MNRE, Science and Engineering Research Board (SERB) and NABARD
- **Ongoing Research Project:**

Principal Investigator	Title of the Project	Sanctioned Amount
Dr.S.Kumaran Asso.Prof / Biotech, PMIST	Graphene and plant seeds coated clay pot to address the pure drinking water scarcity issue in remote villages by removing salinity and suspended solids.	2,40,000 (VCEW-80,000, PMIST 1,60,000)
Dr.C.Vimala Asso.Prof / Mathematics, PMIST		
Dr.P.G.Jansi Rani , Prof. Mathematics, Vivekanandha College of Engg for women(VCEW),Namakkal		
	Sanctioned order no. TNSCST/STP/ES-02/2019-20	

Placement:

PMIST Centre for Institute Industry Interaction (CIII) conducted soft skill training programmes. 250 Engineering students and 600 Arts & Science students have been benefited. Online

assessment tests were conducted to give confidence to the students to participate in placement activities by Hireeme. Around 30 companies including Hexaware Technologies, CSS Corp, Deloitte, Byte Beam, Sanmar, Vee Technologies etc., have visited the campus for conducting placement drives and more than 350 job offers have been issued with a salary package of maximum 6 lakhs per annum.

Physical Education

- Organized Marathon ‘DARE 2022’ (Drug Awareness Run for Everyone), as an initiative against Drug Abuse and Illicit Trafficking held on 10.07.2022 at PMIST Campus. Hon’ble Minister Thiru. Ma.Subramanian, Minister for Health & Family Welfare and Hon’ble Minister Thiru. Anbil Mahesh Poyyamozhi, Minister for School Education inaugurated this mega event. About 1350 participants in three categories; students under 17 years, men of all age group and women of all age group took part in the event.
- C.VIMALA, II M.COM won the **GOLD MEDAL** in National YSPA Athletic Championship 2022 organized by Youth & Sports Promotion Association of India held at Mathura, Uthra Pradesh from 05.06.2022 to 08.06.2022.
- C.VIMALA, II M.COM won the **SILVER MEDAL** (1500mts) in International YSPA Athletic Championship 2022 organized by Youth & Sports Promotion Association of India held at Rangasala stadium, Pochard, Nepal from 01.08.2022 to 04.08.2022
- The following Students won the Divisional level Athletic Championship 2022 organized by Thanjavur District Athletic Association held at AVVM Sri Pushpam College, Poondi, Thanjavur from 10.08.2022 & 11.08.2022
 - C. VIMALA - II M.COM - Silver Medal (Triple Jump)
 - S. ROHINI - I B.Com- Silver Medal (Shot Put) & dal (Javelin Throw)
 - B. ASHWINKUMAR - I B.A(English) - Bronze Medal (Triple Jump)
- PMIST Students won the State level Athletic Championship 2022 organized by Tamilnadu Athletic Association held at Krishnagiri Athletic Association from 17.08.2022 & 19.08.2022
 - K.HARIHARAN - I B.SC (CS) - Gold Medal (110 Hurdles)
 - S.HARSHAVARTHAN - II B.Tech(CS)- Silver Medal (110 Hurdles)
- PMIST Students won the South zone Athletic Championship 2022 organized by Andhra Athletic Association held at Acharya Nagarjuna Stadium, Guntur from 08.09.2022 & 10.09.2022
 - K.HARIHARAN - I B.SC (CS) - Gold Medal (110 Hurdles)
 - S.HARSHAVARTHAN - II B.Tech(CS) - Bronze Medal (110 Hurdles)
- PMIST Athletic students Won 7 medals (Gold medal- 4, Silver - 1 & Bronze- 2) in the District level Athletic championship 2022 organized by Thanjavur District Athletic Association held at AVVM Sri Pushpam college, Poondi, Thanjavur on 20.09.2022 & 21.09.2022.
- Thandar Sports Club & Periyar Maniammai Institute of Science and Technology, Thanjavur Organized by Stale level Silambam, Karate & Yoga Tournament 2022 held at Periyar Maniammai Institute of Science and Technology, Thanjavur from 08.10.2022 & 09.10.2022 (Silambal, Karate & Yoga – totally 2200 players Participated). S.
- S.KANMANI, I year ECE won the Gold Medal (Karate - Kumite) State level Open Karate Championship 2022 organized by Thandar Sports Club & PMIST held at Periyar Maniammai Intitute of Science and Technology, Thanjavur from 08.10.2022 & 09.10.2022
- K.HARIHARAN, I B.SC (CS), won the **BRONZE MEDAL** (110 Hurdles) National level Athletic Championship 2022 organized by Athletic Federation of India held at Guwahati, Assam from 11.11.2022 & 15.11.2022

- S.KANMANI, I ECE won the Silver Medal (Karate - Kumite) in National level Ken I KanOpen Karate Championship 2022 organized by Unique Sports Karate Academy held at KG College of Arts & Science, Coimbatore from 27.11.2022.
- PMIST in association with Para Volleyball Association of Tamilnadu, organized Chancellor Trophy – State Level Sitting Men & Women PARA VOLLEYBALL Championship 2022 on 2nd & 3rd December 2022. Nine Boys Team (110 participants) and Six Girls Team (40 participants) from different parts of the State actively participated in the competition.
- PMIST in association with Paralympic Volleyball Federation of India, Para Volley Association of Tamil Nadu and Indian Overseas Bank jointly organized IOB Trophy (Men & Women) 11th Senior National Para Volleyball Championship 2023 here at campus from 03.02.2023 to 05.02.2023.

Centre of Excellence for Periyar Thought

- Conducted Periyar 1000 Quiz Competition about Periyar Thoughts and Services to the School students on **18.08.2022 to 31.08.2022** of all over State Level in 61 District more than 909 Schools in Tamil Nadu. School students knew the history of Periyar Ideologies and services of Periyar.

Centre of Excellence for Training and Research in Automation Technology (CETAT)

- Conducted 2 days (10th and 11th Jan 2023) workshop for school students. Around 36 +2 students from Yagappa international participated and got benefitted about the mobile robotics.
- The POEMS project induction was done on 11th Jan 2023. The CETAT team members Mr.Rakesh, Mr.Karthick Subramanian, Dr.Narmadha, Dr.Kathiravan, Dr.Hamsadhvani participated.

Centre for Human Resource Development

- Programmes Organized for Teaching Staff - 12 Nos.
- Programmes Organized for Non-Teaching Staff - 6 Nos.
- Programmes organized by the departments - 11
- 91 Faculty provided with Financial Support for attending Programmes organized by other Institutions

e-Governance

The following software modules have been designed and developed during the academic year 2022-2023.

- IQAC Dashboard
- Faculty Commitment
- Institution Funding
- Class Observation
- Meeting Scheduler
- Appointment Management
- Note order Automation
- Consultancy Work Management

Center for Rural Development

- Pongal festival was celebrated in the Government Schools of 10 Periyar PURA adopted Villages Organized by 10 Departments of PMIST on 12.01.2023. Nearly 52 Faculty and 483 Students from 10 Departments reached out to the adopted Villages and conducted

various competitions sports for the Students of Governments schools nearly 1300 schools students and around 200 general public participated.

- The students and staff of 5 departments participated in the Grama Sabha Meeting in Unnat Barath Abiyan (UBA) and Periyar PURA adopted Villages

Center for Energy and Environment

- Organized One Day Workshop on Global Green building initiative on 10.8.2022 in association with the Department of Civil Engineering.
- Day celebrations - World Water Monitoring Day, Ozone Day & Zero Emission Day
- Conducted a Two-day International Conference on Innovative Technologies for Environmental Sustainability, January 24 & 25, 2023 along with the Departments of Civil Engineering, Architecture, Mechanical Engineering, Biotechnology and Chemistry. The Conference was conducted in Association with: Poovulagin Nanbargal, Dr. Mahalingam College of Engineering, Pollachi and Loyala College, Chennai.

National Cyber Defense Resource Centre (NCDRC)

- Cyber security and Safety awareness programs have been conducted in 10 polytechnics of Delta districts between 30th January 2023 and 24th February 2023. There are 1119 students benefitted from these programs
- 11 number of Cyber security and Safety awareness programs have been conducted for PMIST staff and student and 6 numbers of Invited talks and workshops conducted on request of other Institutions.

Veeramani Mohana Centre for Quality Life Engineering Research

- 3 Medical camps, 4 Awareness programmes and one fire safety training have been conducted for staff and student

As part of our extension activities, Periyar Community Radio 90.4 got a Climate Change Awareness project funded by SMART, New Delhi

We record our sincere thanks to Our Management, Esteemed Chancellor, Pro Chancellor, Vice-Chancellor, the Registrar, Staff, Students, parents and all the well-wishers of our institution for extending their unflinching support to maintain the standard of education and to enhance the prestige of the institute.

We convey our earnest thanks to all those who contribute towards the development of this institute in a big way. We are extremely thankful to those who have generously contributed for the endowments and towards the growth & development of the institute. Once again, I thank you one and all.

Registrar