

ANNEXURE - I

Details required the preparation of 43rd Convocation Report **(Period August 2022 to July 2023)**

1. Name of the Department / Centre / Institute : Production Technology
2. Number of Research Papers published
National : Nil
International : 18
3. Number of Workshops / Seminars / Conference conducted
National : 9
International : Nil
4. Number of Workshops / Seminars / Conferences etc. attended by the Faculty
National : 03
International : 04

5. Books / Chapters authored by Faculty

a) Books

S. No	Name of the Department	Authors	Name of the Book	Year of Publication	Publisher
Nil					

b) Chapters

S. No	Name of the Department	Authors	Name of the Chapter	Year of Publication	Publisher
1	Production Technology	R. Mathiyazhagan, P. R. Prakatish, P.Muthamizharasu, and G. Sathish Kumar	Low-Cost Emergency Ventilator	2023	Springer

6. Sophisticated equipments purchased

Sl.No.	Name of the equipment	Total Cost (Rs.In Lakh) (Cost above Rs.10.00 lakhs only)
	Nil	

7. Achievements / Awards in the following category, if any:

- Academic Excellence Nil
- Research Excellence

- Jancirani, Sangeet Sahaya Jeyangel, G. Anandraj. Government of India, Patent Certificate for AIR CURTAIN SIDE SKIRT FOR REDUCING UNDERBODY DRAG Granted on 09/06/2023
- Mr. V.Aakash (2019509001), Mr. Abhishek Dileef (2019509003), Mr. R.Anirudh (2019509005), Mr. V.Ashwath (2019509010), Mr. V.Vishva (2019509064) and Mr. B.Arshath Khan (2019509009) have successfully completed their CTDT projects during 2022-2023.
- Ms. S Keerthana (2019507027), Mr. S. Premnath (2019507037) and Ms. S. Priyanka (2019507039) participated in the conference AMMA- 2023 organized by Amrita School of Engineering, Chennai and **got best paper award**.
- Mr. A.Harris Antony (2019509019), Mr. M.Rithik (2019509042) and Ms. Archita Tripathy (2019509008) presented a paper in “Functionality of the Multi mode Dual Axle Steering Wheel Conceptual on with the Finite Element Analysis of the frame for static deformation” at the International Conference ICMDM2023 conducted on 23rd February 2023 at Anna University, CEG campus.
- Mr. K. Muthukumaran presented a paper titled “Machinability Analysis of Selective Laser Melted Inconel 718 Under Nano-fluid MQL Machining Environment” in the International Conference on Advanced Materials and Modern Manufacturing (ICAMMM 2023) during 24th to 26th march 2023 at Adhi college of Engineering and Technology.

➤ Awards and Recognition received from external agencies / Organizations

- Ms. Jaishree P (2020507012), and Mr. Harish (2021507301) (team named Team Flash) won **second place** in QUADSKI at VASHISHT’23 held at IITDM Kacheepuram.
- Mr.P.N.Akshy Naveen (2020509007), Mr.B.Arshath Khan (2019509009), Mr.M.S.Mohamed Mohudoom (2020509030), Mr.C.G.Sudarshan (2020509043), Mr.Soorya Malli Suresh (2019509050), Mr.R.Aasthigan (2020509003), Mr.V.Vishva (2019509064) participated in SAE Reverse Engineering competition and secured overall **third place** during 11-12 March 2023 at SAE India Southern Section, Chennai.
- Mr. Soorya Malli Suresh (2019509050) of final year won the **best blueprint reading award** in the SAE Reverse Engineering competition on 12th March 2023 at SAE India Southern Section, Chennai.
- Mr.P.R.Manoj Kumar (2020509027) and Mr.B.Agastheeswar (2020509005) participated in an Engineering contraption competition conducted by Caterpillar and secured **third place** on 14th October 2022 at Caterpillar India

Pvt Ltd, Thiruvallur.

➤ Collaborations nil

➤ Co-curricular Activities

- Mr. Anush Raghuraman (2019509006) conducted a Workshop on Aviation Meteorology on 14th September 2022 at Anna University, MIT campus as a part of MIT Meteorology Club.

➤ Extra Co-curricular Activities

- Nithiskumar K, (2020507025) NSS Volunteer from MIT Campus, Anna University, participated in the Tamil Nadu State Republic Day Parade Camp held from 17-01-2023 to 26-01-2023 at World University Service Centre, Chetpet, Chennai.
- Mr. S. Vigneswaran (2019509062) achieved an **“International Recognized World Record”** by making a mega Vinayagar portray with 100008 Rudraksham beads on 17th October 2022 at Sri Yoganandha Ashram, Thiruvannamalai.
- Mr. Sakthi Subash (2021509037) secured **runner up position** in Inter zonal Chess competition conducted during 7-8 March 2023 at Anand Institute of Higher Education, Chennai.
- Mr.B.Hariesh (2021509017) and Mr.N.Gokulan (2021509014) secured **runner up position** in Interzonal Yoga competition 7th December 2022 at Indra Ganesan College, Trichy.
- Mr.R.Pathmarajan (2021509033) secured **second place** in state level throw ball championship conducted during 3-5 October 2022 at Kamak Matric higher Secondary School, Tuticorin.

➤ Overall Achievements - Nil

➤ Social Responsibility

- Dr. M. Manoj, participated in the NSS National Integration Camp organized by the Chaudhary Charan Singh Haryana Agricultural University, Hisar, Haryana in association with Ministry of Youth Affairs on 26th February to 04th March 2023.
- Dr. G. Kumaresan, participated in the NSS National Integration Camp organized by the B.S. Abdur Rahman Crescent Institute of Science and Technology, Tamil Nadu in association with Ministry of Youth Affairs on 19th June to 25th June 2023.

8. Details of Photographs of any important events conducted:
(Please provide photographs in JPEG format in the soft copy alone)

**Five day hands on training on “Gait Analysis using BIOPAC system” -
24/07/2023 to 28/07/2023**



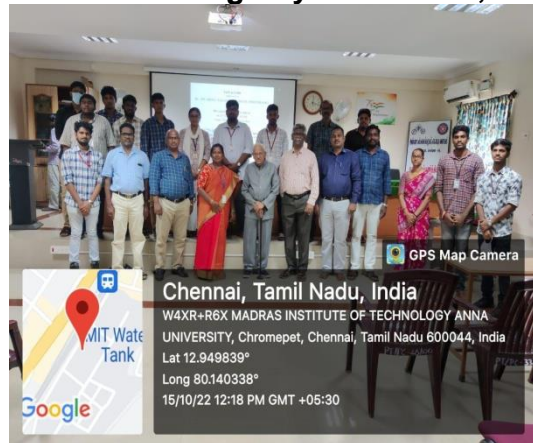
**Department of Production Technology -
MIT open day-20/07/2023 to 22/07/2023**



**Incremental Forming Workshop
conducted by TAPE ,March 18,2023**



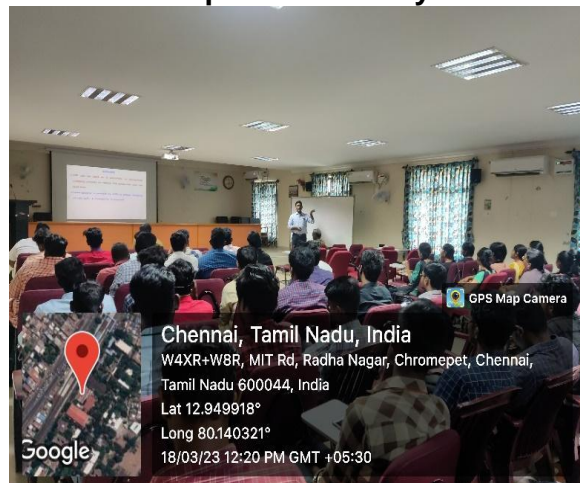
**Abdul Kalam Birthday Celebration -
Youth awakening Day October 15,2022**



**To give a exposure to school children
about Arc Welding**



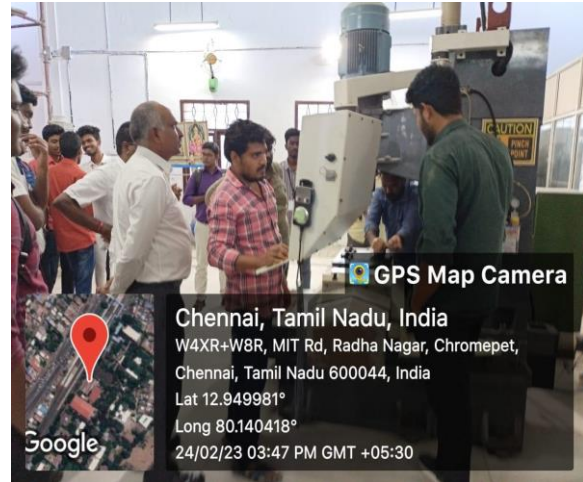
**Advanced Unconventional Machining
Workshop conducted by TAPE**



CFD Workshop conducted by TAME, 22/02/2023



Friction Stir Welding Workshop conducted by TAME



Tamil Nadu State Republic Day Parade



QUADSKI at VASHISHT'23



Pistolbolts 23-Inauguration Function 01/04/2023



International Recognized World Record



Smart India Hackathon 2022



Interzonal Chess Competition



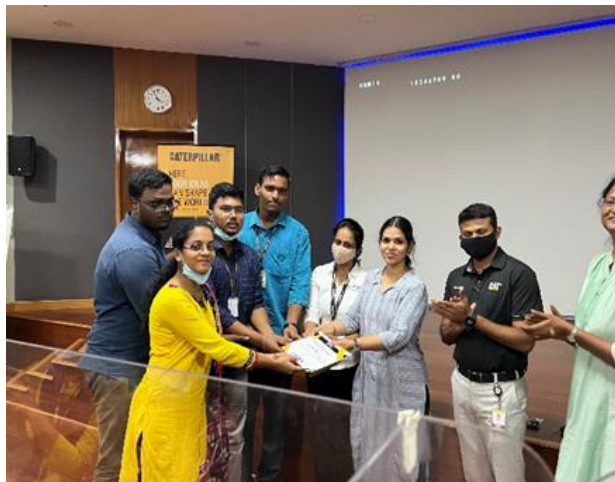
Inter Zonal Yoga Competition



State Level Throw Ball Championship



Engineering Contraption Competition



Signature of the Dean/HoD/Director