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

<table>
<thead>
<tr>
<th>S. No</th>
<th>Name of the Department</th>
<th>Authors</th>
<th>Name of the Book</th>
<th>Year of Publication</th>
<th>Publisher</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nil</td>
<td></td>
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</table>

   b) Chapters

<table>
<thead>
<tr>
<th>S. No</th>
<th>Name of the Department</th>
<th>Authors</th>
<th>Name of the Chapter</th>
<th>Year of Publication</th>
<th>Publisher</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Production Technology</td>
<td>R. Mathiyazhagan, P. R. Prakatish, P. Muthamizharasu, and G. Sathish Kumar</td>
<td>Low-Cost Emergency Ventilator</td>
<td>2023</td>
<td>Springer</td>
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</tbody>
</table>

6. Sophisticated equipments purchased

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Name of the equipment</th>
<th>Total Cost (Rs. In Lakh) (Cost above Rs.10.00 lakhs only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nil</td>
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</table>

7. Achievements / Awards in the following category, if any:
   ➢ Academic Excellence : Nil
   ➢ Research Excellence
- 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 Kaceepuram.
- 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 portrait with 100008 Rudraksham beads on 17th October 2022 at Sri Yoganandha Ashram, Thiruvannamalai.
  - Mr. Sakthi Subash (2021509037) secured runner up position in Interzonal 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)

<table>
<thead>
<tr>
<th>Event Description</th>
<th>Date</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>Five day hands on training on “Gait Analysis using BIOPAC system”</td>
<td>24/07/2023 to 28/07/2023</td>
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<tr>
<td>Department of Production Technology - MIT open day</td>
<td>20/07/2023 to 22/07/2023</td>
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<td>Incremental Forming Workshop conducted by TAPE, March 18, 2023</td>
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<td>Abdul Kalam Birthday Celebration - Youth awakening Day October 15, 2022</td>
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<td>To give a exposure to school children about Arc Welding</td>
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<tr>
<td>Advanced Unconventional Machining Workshop conducted by TAPE</td>
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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

Pistobolts 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