

## SHORT PROFILE



**Dr. A. Elayaperumal** B.E, M. Tech(IIT-M), Ph.D

**Director, National Institute of Technology, Nagaland**  
**Professor, Department of Mechanical Engineering (2009-Till Date)**  
**Head, Engineering Design Division (2019-Till Date)**  
**Director, Centre for Affiliation of Institutions (2021-Till Date)**  
**Director, Student Affairs (2013-2018)**  
**Director, Planning and Development (PPD) (2008-2012)**  
**Director, Logistic Centre (2005-2014)**  
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**Dr. A. Elayaperumal**, currently working as Professor & Head, Engineering Design Division, Department of Mechanical Engineering, College of Engineering, Guindy, Anna University, Chennai. He has a wide knowledge and strong experience in academic & research about 31 years from 1992 and administrative experiences of 18 years from 2005.

➤ **Educational Qualification:**

- (i). Ph.D. (Mechanical Engineering) : CEG, Anna University, Chennai in 2004.  
Thesis Title: “Piezo Laminated Composite Smart Structures”
- (ii). M.Tech. (Machine Dynamics) : IIT-Madras, Chennai in 1992.
- (iii). B.E. (Mechanical Engineering) : CEG, Anna University, Chennai in 1990
- (iv). D.C.E (Diploma in Civil Engineering) : SSP, Puttur, Tamilnadu in 1986.

➤ **Academic /Teaching Experience:**

- (i). Lecturer (1992-2004) : CEG, Anna University, Chennai
- (ii). Assistant Professor (2004-2005) : CEG, Anna University, Chennai
- (iii). Associate Professor (2006-2008) : CEG, Anna University, Chennai
- (iv). Professor (2009-Till Date) : CEG, Anna University, Chennai
- (v). Head, Engg. Design Division (2019-Till Date) : CEG, Anna University, Chennai.

➤ **Administrative Experience:**

1. Member, Faculty Selection Committee- Visitor : All NIT's, IEST- Shibpur. (Jan 2023 – Dec 2025)

*Nominee*

2. Member, Building Committee : Central University of Kerala (CUK), (Feb 2023-Jan 2026)
3. Member, Executive Council : Central University of Kerala (CUK), (*Jan 2023 – Dec 2025*)
4. Member, Expert Committee : On Restructuring / Revamping of the Technical Training Sector and Four National Institute of Technical Teacher Training and Research (NITTTR), Constituted by the Department of Higher Education Ministry of Education, Government of India. (*Feb, 2022- Jan 2025*).
5. Member, Selection Committee -  
*Visitor Nominee* : Central University, Manipur (*Aug,2022 - 2025*)
6. Member, Selection Committee -  
*Visitor Nominee* : Central University, Tamil Nadu (*Aug,2022 - 2025*)
7. Member, Board of Governors (BOG) -  
*MHRD Nominee* : NITTTR (National Institute of Technical Teachers Training and Research), Chennai (2018-2021).
8. Member, Senate -  
*MHRD Nominee* : National Institute of Technology (NIT), Karaikal (*2018-2021*)
9. Member, Board of Studies (BOS) : Karpagam Academy of Higher Education, Coimbatore (*2019-2022*) (*Deemed University*)
10. Member, Board of Studies (BOS) : St. Peter's University, Chennai (*2019-2022*)
11. Member, Board of Studies (BOS) : Vellalar College of Engineering and Technology, Erode (*2018-2019*)
12. Member, Senate-  
*Governor Nominee* : Madurai Kamaraj University, Madurai (*2018-2021*).
13. Member, Selection Committee, -  
*Visitor Nominee* : Pondicherry University, Pondicherry (*2019-2020*)
14. Member, Planning Board -  
*Governor Nominee* : Tamil Nadu Open University (TNOU), (*2009-2012*)
15. Member-Planning & Monitoring Board : Karpagam Academy of Higher Education, Coimbatore (*2019-2022*) (*Deemed University*)
16. Member, Research Advisory Council : Karpagam Academy of Higher Education, Coimbatore (*2019-2022*) (*Deemed University*)

17. Member, Academic Council : Bannari Amman Institute of Technology, Erode (2017-2019)
18. Member, Inspection Committee : All Indian Council for Technical Education (AICTE) (2006-Till Date)
19. Nodal Officer : Association of Indian Universities (AIU) - Anna University (2008-2012 & 2021-Till Date)
20. Nodal Officer : All India Survey on Higher Education (AISHE) - Anna University (2008-2012 & 2021-Till Date)
21. Ex-Officio Member - Executive Committee : All Autonomous Centers of Anna University, (2008-2012)
22. Member Secretary, - Executive Committee : Logistics Centre of Anna University, (2005-2014)
23. Member Secretary - Executive Committee : Planning & Development of Anna University, (2008-2012)
24. Member Secretary- Executive Committee : Student Affairs of Anna University, (2013-2018)
25. Nodal Officer : Student Grievances Redressal Cell - University Grants Commission-Anna University (2013-2018)
26. Member, Building Committee : CEG, Anna University (2008-2012)
27. Member, Selection Committee : Manonmaniam Sundaranar University, Tirunelveli (2017-2018)
28. Member, Result Passing Board : SNS College of Engineering, Coimbatore (2015-2016) & (2017-2018)
29. Member, Result Passing Board : Sri Krishna College of Engineering & Technology , Coimbatore (2016-2017)
30. Chairman, Inspection Committee : Anna University (2013-Till Date)
31. Member, Selection Committee : Staff Selection Commission, Government of India (2014-2015)
32. Program Coordinator : UGC-XIth Plan Grant (2008-2012)
33. Program Coordinator : DST-PURSE Grant (2008-2012)

➤ **Administrative Experience at Anna University, Chennai:**

- (i). Director, Centre for Affiliation of Institutions : Anna University, Chennai (2021-Till Date)
- (ii). Director, Student Affairs : Anna University, Chennai (2013-2018)
- (iii). Director, Planning and Development (PPD) : Anna University, Chennai (2008-2012).
- (iv). Director, Logistic Centre : Anna University, Chennai (2005-2014)
- (v). Deputy Coordinator : Technical Educational Quality Improvement Programme (TEQIP), CEG, Anna University, Chennai (2007-2009)
- (vi). Hostel Resident Councilor : Anna University, Chennai (1992-1996)

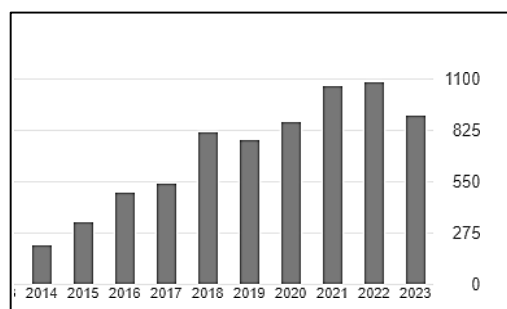
➤ **Research Contribution:**

- ✓ Research Interest : Surface Engineering, Surface Coatings, Tribology, Composites & Vibration Analysis
- ✓ International and National Conferences Participated : 83 (Includes Outside India - 8)
- ✓ International and National Publications : 161 Research Articles
- ✓ Courses Organized (a) International - 2 (b) National – 8
- ✓ Plenary Lectures & Invited Talks 35
- ✓ Peer reviewer in International Journals 17
- ✓ Supervisor for Ph.D. Scholars (a) Completed – 20 (b) Ongoing – 9
- ✓ Supervisor for M.E. Students (a) Completed - 103 (b) Ongoing – 2

Citations (Google Scholar:

<https://scholar.google.co.in/citations?user=AjmhwyAAAAJ&hl=en>)

Cited by	<i>All</i>	<i>Since 2018</i>
Citations	7381	5510
h-index	37	32
i10 -index	85	76



➤ **Membership in Professional Bodies:**

- (i) Life Member : Indian Institute of Metals (IIM)
- (ii) Life Member : Tribology Society of India (TSI)
- (iii) Life Member : Materials Research Society of India (MRSI)
- (iv) Life Member : The Institution of Engineers, India (IEI)
- (v) Life Member : Indian Laser Association (ILA)

- (vi) Life Member : Plasma Science Society of India (PSSI)
- (vii) Life Member : Society of Automotive Engineers (SAE)
- (viii) Life Member : Indian Society for Technical Education (ISTE)
- (ix) Life Member : International Association of Engineers (IAENG) and
- (x) Life Member : Academy of Sciences
- (xi) Life Member : Electron Microscope Society of India (EMSI)

➤ **Research Projects:**

- (i) Rashtriya Uchchatar Shiksha Abhiyan (RUSA 2.0) – “Material Selection, Fabrication, Characterisation and Components Manufacturing for Automotive Applications”, with fund of 1.12 Crores during 2020-2022.
- (ii) UGC-UKIERI Thematic Partnerships Project entitled “Evaluation of tribological behaviour and wear corrosion of CNTs reinforced Aluminum metal matrix composites”, which was funded around Rs. 15.17 Lakhs during 2013-15.
- (iii) UGC project entitled “Development of low carbon technologies for combined cooling and drying of agricultural products”, with fund of Rs. 65 Lakhs during 2010-15.

➤ **Patents:**

- (i) Dr. S. Arulvel, **Dr. A. Elayaperumal**, Dr. D. Dsilva Winfred Rufus, Dr. M.S. Jagatheeshwaran, and Dr. I. Saravanan has submitted patent entitled “Implementation of water quench-heat treatment after electroless coating process”.
- (ii) **Dr. A. Elayaperumal**, Dr. I. Saravanan, and Dr. S. Arulvel has submitted patent entitled “Irradiation on Magnesium Alloys”.

➤ **International Exposures:**

International visits for academic, administrative & research exposures.

- (i) Waseda University, Japan.
- (ii) Cambridge University, UK
- (iii) Tsing Hua University, Taiwan
- (iv) Changwon National University, Korea
- (v) University of Plymouth, UK
- (vi) Birmingham City University, Birmingham
- (vii) AUT University, Auckland, New Zealand
- (viii) Ryerson University, Toronto, Canada
- (ix) University of Southampton, UK
- (x) Aston University, Birmingham, UK
- (xi) University of Birmingham, UK
- (xii) Birmingham City University, UK
- (xiii) Cardiff University, UK
- (xiv) University of Nottingham, UK

- (xv) University of Warwick, Coventry, UK
  - (xvi) University of Wolverhampton, UK
  - (xvii) University of Malaya, Malaysia
  - (xviii) University of Sains Malaysia, Penang and
  - (xix) National University of Singapore (NUS), Singapore
- For the World Bank Funded Project “Technical Educational Quality Improvement Programme (TEQIP)” training program during 2009, he had visited,
- (i) New Jersey Institute of Technology, Newark, USA
  - (ii) University of Nebraska-Lincoln, Nebraska, USA
  - (iii) The City University of New York, New York, USA and
  - (iv) University of Central Florida, Orlando, USA.
- **Contribution to Academic Activities at the Department:**
- ✓ Introduced a course on “Vibration and Noise Control Strategies” for B.E. (All Engineering - Open Elective), Anna University, Chennai during 2022.
  - ✓ Introduced a course on “New Product Development” for B.E. (All Engineering – Open Elective), Anna University, Chennai during 2022.
  - ✓ Introduced a course on “Designing with Advanced Materials (ED5251)” for M.E. Engineering Design at CEG, Anna University, Chennai during 2019.
  - ✓ Introduced a course on “Surface Engineering (ED8003)” for M.E. Engineering Design at CEG, Anna University, Chennai during 2013.
- **Established Laboratory at the Department:**
- ✓ Established a ***Tribology Laboratory*** of worth Rs.50 lakhs at Engineering Design Division, Department of Mechanical Engineering, CEG, Anna University, Chennai in 2013.
  - ✓ Established a ***Composite Laboratory*** at Engineering Design Division, Department of Mechanical Engineering, CEG, Anna University, Chennai during 2013.
  - ✓ Established a ***Noise, Vibration, Harshness (NVH) Laboratory*** in the Department of Mechanical Engineering, CEG, Anna University, Chennai for 1.00 Crore during 2010.
  - ✓ Established a ***Dynamics Laboratory*** in the Department of Mechanical Engineering, CEG, Anna University, Chennai during 2010.
- **Awards & Appreciations:**
- ✓ **Research Excellence Award**, given by Anna University, Chennai for having publications more than 100 research articles in Scopus Indexed Journals in 2020.
  - ✓ **Doctor of Science (D.Sc.) (Honoris Causa)**, (Reg. No. DSC202002002)

awarded by Global Human Peace University in 2020.

- ✓ Elected as a **Fellow of The Institution of Engineers (FIE), India (IEI)** from 2019  
(Membership ID: F-125510-6).
- ✓ Elected as a **Fellow of Academy of Sciences (FASc), Chennai** in recognition of the significant contribution for the advancement of sciences in the year 2019.
- ✓ Selected and successfully completed **“Leadership Development for Higher Education”** training programme, which was jointly organized by the MHRD, India; Higher Education Leadership Foundation, UK and UK-India Education and Research Initiative (UKIERI) during 2016.
- ✓ Selected and successfully completed **“Leadership for Academicians Programme (LEAP)”** training programme, which was jointly organized by MHRD, India and held at IIT (BHU), Varanasi during 9-20, Dec 2019 and **Cambridge University, UK** during 19-26, Jan 2020.
- ✓ **“Giri Metrology Endowment Award”** for guiding the best project in Mechanical engineering, Anna University, Chennai during 2007-08.