

L.THARANIKUMAR, M.E. (Ph. D)

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OBJECTIVE

Seeking a career to share my knowledge and experience with students and gain more experience into the education and teaching field.

EDUCATIONAL DETAILS

Course	School/College	Board/ University	Year of Passing	Percentag e/CGPA	Class
M.E - Manufacturing Engineering	Madras Institute of Technology, Anna University	Anna University	2012	7.91	First Class
B.E - Mechanical Engineering	Karpaga Vinayaga College of Engineering and Technology	Anna University	2010	76%	First Class
Diploma	Arulmigu Thiripurasundari Amman Polytechnic College	DOTe	2006	79.4%	First Class with Honors
10 th	P.T.V.S High School, Thirukkalukundram	State Board	2002	83%	First Class with Honors

ACADEMIC EXPERIENCE

S No	Institution	Designation	Period of Service	Nature of Work
1.	Dhanalakshmi Srinivasan College of Engineering & Technology, Mamallapuram	Assistant Professor	11 Months 21 Days (05-06-2012 to 25-05-2013)	➤ Teaching and Research ➤ Student Counsellor ➤ Class in charge
2.	JEPPIAAR SRR Engineering College, Chennai	Assistant Professor	8 Years 2 Months (17-06-2013 to 04-08-2021)	➤ Teaching and Research ➤ Student Counsellor ➤ Class in charge ➤ Machine shop I/C

3.	Mohamed Sathak AJ College of Engineering	Assistant Professor	1 Year 5 Months (28.02.2022 to till Date)	<ul style="list-style-type: none"> ➤ Teaching and Research ➤ Head EDC & HSC ➤ Placement Co-coordinator
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INDUSTRY EXPERIENCE

S No	Industry	Designation	Period of Service	Nature of Work
1.	Delphi-TVS Diesel System Limited	Trainee	6 Months (15-05-2006 to 04-12-2006)	<ul style="list-style-type: none"> ➤ Gauge Calibration ➤ Tool Measurement ➤ CMM
2.	WIPRO Infrastructure Engineering Limited	Operative Engineering Trainee	6 Months (04-12-2006 to 12-05-2007)	<ul style="list-style-type: none"> ➤ Friction welding Machine Operator ➤ Assembly of piston cylinders ➤ CNC Operator

RESEARCH

- Pursuing Ph.D. on “Friction Stir Welding of Magnesium Alloys” at CEG campus Anna university, Chennai. (Completed Course Work & Conformation meeting)

ACHIEVEMENTS

- Received Best Teacher Award for the academic year 2017-2018 at Jeppiaar SRR Engg college.
- Completed NPTEL course on “Material Science and Engineering”

SUBJECTS HANDLED

Sl. No.	Subjects Handled	No. of times
1.	Engineering Graphics	6
2.	Engineering Mechanics	3
3.	Manufacturing Technology I	3
4.	Strength of Materials	4
5.	Manufacturing Technology-II	3
6.	Design of Machine Elements	2
7.	Unconventional Machining Process	4
8.	Process Planning and Cost Estimation	3
9.	Production Planning and Control	3

AREA OF INTEREST

1. Friction Stir Welding
2. Composite Materials
3. Modeling

CONFERENCES

1. L.Tharanikumar, K.K.Vinothkumar, “Friction Stir Processing of Al/SiC Composites for Super Plastic Forming” International level Conference “ICIES’18”, organized by JEPPIAAR SRR Engineering College, Padur, Chennai.
2. L.Tharanikumar, K.Kalaiselvan, “A Friction Stir Processing of Al/SiC Composites for Super Plastic Response ” National level “RTMS’1s”, organized by DSCET, Mamallapuram.

PUBLICATIONS

1. K.K.Vinothkumar, L.Tharanikumar, “Effects of inclusions on microstructure and properties of heat-affected-zone for HSLA SPFH 590, International Journal for Research in Applied Science & Engineering Technology, ISSN 2321-9653, Volume 6, Issue 5, May-2018.
2. L Tharanikumar B Mohan, G Anbuezhhiyan, “Enhancing the microstructure and mechanical properties of Si₃N₄–BN strengthened Al–Zn–Mg alloy hybrid nano composites using vacuum assisted stir casting method”, Journal of Materials Research and Technology, Volume 20, September–October 2022, Pages 3646-3655.
3. L Tharanikumar B Mohan, G Anbuezhhiyan, “Synthesization and Characterization of Silicon Carbide and Boron Nitride-Reinforced Al–Zn–Mg Alloy Hybrid Nanocomposites Using Squeeze Casting Method”, International Journal of Metal-casting, <https://doi.org/10.1007/s40962-023-01070-1>

FACULTY DEVELOPMENT PROGRAMMES ATTENDED

1. Participated in Anna University Sponsored one-week Faculty Development Training Programme on “Finite Element Analysis” at JEPPIAAR Engineering College, Chennai.

WORKSHOP ORGANIZED

- Two days hands on workshop on Non-Destructive Testing

WORKSHOPS ATTENDED

1. Participated in a one day workshop on “Writing and Publishing Paper in High Impact Scientific Journals”, at JSRREC, Chennai.
2. Participated in a one-day workshop on “Outcome Based Education & NBA Accreditation Process” at JSRREC, Chennai.
3. Participated in a one-day workshop on “Basics of CorelDraw & Photoshop” at JSRREC, Chennai
4. Participated in a one day workshop on “Contemporary Approaches in Manufacturing Processes and Material Science”, organized by Agni college of Technology, Chennai.

SOFTWARE PROFICIENCY

- ANSYS
- PRO/E and AutoCAD
- Solid Works
- CATIA

EXTRACURRICULAR ACTIVITIES

1. IE Faculty Coordinator
2. 3D Software trainer

PERSONAL DETAILS

Father's Name : N. LOGANATHAN
Date of Birth & Age : 19-04-1987 & 34 Years
Marital Status : Married
Languages Known : English, Tamil
Hobbies & Interests : Reading, gardening and listening to music.
Passport No : N8483593

DECLARATION

I hereby declare that the particulars and facts stated above are true, correct and complete to the best of my knowledge and belief.

Place: Chennai

Date:

(L.THARANIKUMAR)