

K.K.VINOTHKUMAR, M.E. (Ph. D)

Permanent Address:

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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	Percentage/CGPA	Class
M.E - Manufacturing Engineering	Madras Institute of Technology, Anna University	Anna University	2012	8.67	First Class with Distinction
B.E – Automobile Engineering	P.S.G College of Technology	Anna University	2009	6.7	First Class
XII th	G.H.S. School, B.Agraharam	State Board	2005	90.75	-
X th	G.B.H.S. School, Pennagaram	State Board	2002	81%	-

EXPERIENCE

S N	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 3 Months (17-06-2013 to 30-09-2021)	➤ Teaching and Research ➤ Student Counsellor ➤ Class in charge ➤ Machine shop I/C

RESEARCH

- Pursuing Ph.D. on “An Investigation on Effect of Graphite Reinforcement on Mechanical Properties in Al/SiC Metal Matrix Composites” at CEG campus Anna university, Chennai. (Completed Confirmation).

ACHIEVEMENTS

- Received Best Teacher Award for the academic year 2016-2017 at Jeppiaar SRR Engg college.
- Cleared GATE 2010 & GATE 2013 Exam
- Scored Centum in Chemistry in XII Standard.

RESPONSIBILITIES

- Member of Internal Quality Assurance Cell at MSAJCE
- Department Timetable Coordinator at Jeppiaar SRR Engineering College
- Tamil Mandram College Coordinator at Jeppiaar SRR Engineering College

SUBJECTS HANDLED

Sl. No.	Subjects Handled	No. of times
1.	Engineering Graphics	7
2.	Engineering Mechanics	3
3.	Manufacturing Technology I	3
4.	Strength of Materials	4
5.	Manufacturing Technology-II	3
6.	Design of Machine Elements	3
7.	Unconventional Machining Process	4
8.	Process Planning and Cost Estimation	3
9.	Production Planning and Control	3
10	Metrology and Measurements	2
11	Lean Six Sigma	2
12	Computer Aided Design and Manufacturing	2

AREA OF INTEREST

1. Composite Materials
2. Manufacturing Process

CONFERENCES

1. Renjin J Bright, K.K.Vinothkumar, Sumathi M, "Effect of Heat Treatment on Mechanical and Wear Behaviour of AA 6082-Nano Silicon Nitride Metal Matrix Composites", International Conference "ICITST'18", organized by Sarabhai Institute of Science and Technology, Vellanad, Thiruvananthapuram and TECHOWN.
2. 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.
3. K.K.Vinothkumar, A.Jothilingam "Optimization of process parameters of grinding process" National Level Conference "NCCAME-12", organaized by KVCET, Chennai.

4. K.K.Vinothkumar, A.Divyan “Quasiturbine Engine” National Level Conference “Equinox ’08” organized by PSG College of Technology, Coimbatore.

PUBLICATIONS

1. K.K.Vinothkumar, L.Thranikumar, “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. K.K.Vinothkumar, A.Jothilingam, Optimization of process parameters of grinding process” named Journal of Engineering Today-Sponsored by ISME, Volume 14-Issue-2.

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.
2. Participated Six Days Faculty Development Programme on “Recent Innovations and Futuristic Scope for Research in Internal combustion Engines” Organized by St.Joseph’s College of Engineering, Chennai.
3. Participated Six Days Online Faculty Development Programme on “Welding for Additive Manufacturing” Organized by Indian Welding society and Coimbatore Institute of Engineering & Technology, Coimbatore.
4. Participated Six Days Online Faculty Development Programme on “Modern Materials and Industrial Automation” Organized by Sri Sairam Institute of Technology, Chennai.
5. Participated One Week Online Faculty Development Programme on “Integrating Autodesk Fusion” Organized by Lendi Institute of Engineering & Technology, Vizianagaram.
6. Participated Five Days Online Faculty Development Programme on “Emerging Technologies in Mechanical Engineering” Organized by Jeppiaar Institute of Technology, Chennai.

NPTEL ONLINE CERTIFICATION

1. Materials Science & Engineering
2. Fundamentals of Manufacturing Process
3. Engineering Metrology
4. Advanced Manufacturing Process

PROFESSIONAL SOCIETY MEMBERSHIP

- Member of International Association of Engineers (IAENG)

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.
5. Participated in a one day workshop on “National Level Workshop on Material Characterization and Testing(NWMCT 16)”, organized by Sathyabama University, Chennai.
6. Participated in a one day workshop on” Fourth National Workshop’06 on Advances in Automotive Technology” conducted by SAEINDIA PSG TECH.
7. Participated in a one day workshop on “Advances in Automotive Technology” organized by PSG college of Technology, Coimbatore.

SOFTWARE PROFICIENCY

- ANSYS
- PRO/E and AutoCAD

EXTRA & CO - CURRICULAR ACTIVITIES

1. Tamil Mandram Faculty Coordinator at Jeppiaar SRR Engineering College.
2. Active member of **National Service Scheme (NSS)**, PSG Tech
3. Attended Ten days camp organized By **NSS**.
4. Active member of **Society of Automotive Engineers (SAEINDIA)**
5. Participated “**Mini Marathon’06**” conducted by PSG College of Technology.

PERSONAL DETAILS

Father’s Name : KRISHNAN.R

Date of Birth & Age : 20-06-1987 & 35 Years

Marital Status : Single

Languages Known : English, Tamil

Hobbies & Interests : Reading, Playing Cricket and listening to music.

REFERENCES

Dr. B. Mohan. M.E., Ph.D. Professor Mechanical Engineering Department CEG Campus, Anna University Chennai Mobile: +91 9445774915 Email ID:bmohan@annauniv.edu	Dr. R.Senthilkumar M.E., Ph. D Professor & Head Mechanical Engineering Department Mohamed Sathak A.J. College of Engineering Siruseri, Chennai 603 103 Mobile: +91 9865780428 Email ID:rsk1970@gmail.com
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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: 23-08-2023

(K.K.VINOTHKUMAR)