

RESUME



KRISHNAN. S

3/32, Mettupatty Thathanoor [Post]

Ayothiyapattanam [via]

Salem -636 103: Tamilnadu

E-mail: mahakrishnans@gmail.com

Mobile: +91 98424 21558

OBJECTIVE

Intend to build a career with leading corporate of Hi-tech environment and willing to work as a key player in a challenging and creative environment with committed and dedicated people to excel at any context where my competence and skills are effectively used.

PROFESSIONAL SUMMARY

- 1 } **15 Years** of Teaching Experience in Engineering Colleges at various levels from **Lecturer, Assistant Professor and Associate Professor**
- 1 } **5 years** of Industrial Experience in Production Industry as **Trainee Engineer** and **Section Engineer**.

PROFESSIONAL EXPERIENCE

1. Teaching:

- Working as **Associate Professor** in the Department of Mechanical Engineering, **Dhirajlal Gandhi College of Technology, Salem-309** from **04.08.2017 to till date**.
- **5 years 7 months** (03.12.2010 to 30.06.2016) worked as a **Associate Professor** in the Department of Mechanical Engineering, **Mahendra College of Engineering, Salem – 636 106**.
- **2 years 2 months** (From 3.10.2008 to 30.11.2010) worked as a **Assistant Professor** in the Department of Mechanical Engineering, **SSM College of Engineering, Komarapalayam, Namakal-638 183**.
- **2 Years and 4 months** (From 01.02.2006 to 24.06.2008) worked as a Lecturer in the Department of Mechanical Engineering, **Maha College of Engineering, Salem – 106**
- **5 years** (from 07 – 02- 1995 to 07 -02 - 2000) worked as a Lecturer in the Department of Mechanical Engineering, **V.M.K.V.Engineering College, Salem -636 308**

2. Industrial:

- **1½ Years** (From 27.5.1993 to 21.12.1994) Worked as a Trainee Engineer (Production) in YESWANTH ENGINEERING, Ramapuram, Chennai-89.

- **3 ½ years** (From 06 March 2000 to 27 Sep 2003) worked as Section Engineer in MURALI MACHINE MANUFACTURING COMPANY, Chennai – 89.

GUEST LECTURER DELIVERED

- } For the Subject **Engineering Mechanics** in **Excel College of Engineering for Women**, Pallakapalayam, komarapalayam. Namakal

- } For the subjects **Engineering Mechanics, Fluid Mechanics, and Mechanics of Solids** in **V.M.K.V.Engineering College**, Salem – 636 308

- } For the Subjects **Engineering Thermodynamics**, in **The Kavery Engineering College**, Mecheri, Salem.

ACADEMIC QUALIFICATION

Post Graduate :	M.E., Thermal Engineering , completed in the year June 2005 , Anna University at Government College of Engineering, Salem – 11.
Under Graduate :	B.E., Mechanical Engineeirng , completed in the year April 1993 , University of Madras at Crescent Engineering College, Vandalur, Chennai – 48,
HSC :	Vocational Course (Electrical Domestic Appliances) , State Board of Tamilnadu, Completed in the year March 1987 , at Municipal Higher Secondary School, Fort Salem – 1
SSLC :	State Board of Tamilnadu, Completed in the year March 1985 , at Government Higher Secondary School, Ayodhiyapattanam, Salem – 636103.

ADDITIONAL COURSE

1. Certificate Course (120 hrs) on **Refrigeration and Air Conditioner Mechanic** at Thiagarajar Polytechnic College, Salem -5

2. Diploma Course (One year) on **Rail Transport and Management** in the year May 2003 at Institute of Rail Transport, 17- Rail Bhavan, New Delhi.

SOFTWARE SKILLS

Drafting & Modeling : AUTOCAD 2000
: SOLID EDGE V20

SUBJECTS HANDLED / AREA OF INTEREST

- } Engineering Graphics
- } Engineering Mechanics
- } Engineering Thermodynamics
- } Applied Thermodynamics
- } Fluid Mechanics
- } Thermal Engineering
- } Heat and Mass Transfer
- } Gas Dynamics and Jet Propulsion
- } Mechanics of Solids
- } Design of Machine Elements
- } Design of Transmission Systems
- } Refrigeration and Air-Conditioning

PROFESSIONAL EXPERIENCE SUMMARY

⊕ Roles and Responsibilities in Engineering Colleges

- } Act as HOD of Mechanical Engineering Department
- } Act as Chief Superintended for Anna University exams
- } College Exam / Test Coordinator
- } Symposium / Workshop coordinator
- } Placement Training Coordinator
- } Chair Person for Department Class Committee meeting
- } Department Academic Students Counselor
- } Engineering Practices Lab In charge
- } Thermal Engineering Lab In charge
- } Fluid Mechanics Lab In charge
- } Strength of Materials Lab In charge
- } Metrology and Measurements Lab In charge
- } Department Library In charge
- } Students Project & Comprehensive Exam Coordinator

⊕ Roles and Responsibilities in Industries

- } Assembly Section In charge
- } Labour and Work Scheduling
- } Stores and tool room management
- } Controlling of after sales and service Activity

ELECTIVES

- } Computational Fluid Dynamics
- } Finite Element Methods in Thermal Engineering
- } Cryogenic Engineering
- } Simulation of I.C Engine processes
- } Renewable Energy Systems
- } Food Processing, Preservation & Transport

- } Automobile Engineering
- } Design of Jigs and Fixtures

PROJECTS

UG: Stabilization of Push-Bench Mandrel's Temperature in Hot Mill at SSTP (Seamless Steel Tube Plant) BHEL, Trichy -14.

PG: Modeling and Analysis of Low Pressure Desalination system

DETAILS OF PAPER PRESENTED.

} National / International Conferences

- ♣ Presented paper in National Level Conference on “**Modeling and Analysis of Low Pressure Desalination System**” on Emerging Trends in Mechanical Engineering (ERTMECON)-2K5, held at JAYAM COLLEGE OF ENGINEERING AND TECHNOLOGY. Dharmapuri on 11th April 2005.
- ♣ Presented paper in National Level Conference on **Vibration Measuring as an Instrument to Identify the Source of Vibration and noise on Personal Car's GearBox** on Recent Trends in Virtual Instrumentation (“RTVI '08”) held at V.M.K.V. ENGINEERING COLLEGE Salem on 25th September 2008

} National / International Journal Publication Details

Total International Journal Publication: 09

- ♣ “Study of air pollution due to automobile emission in Ooty” International Journal of Modern Engineering Research (IJMER) Vol.2, Issue.3, pp-974-984, ISSN: 2249-6645, May-June 2012
- ♣ “Study Of Groundwater Quality With GIS Application For Coonoor Taluk in Nilgiri District” International Journal of Modern Engineering Research (IJMER) Vol.2, Issue.3, pp-586-592, ISSN: 2249-6645, May-June 2012
- ♣ “Treatability Studies on Hybrid Up-Flow Anaerobic Sludge Blanket Reactor for Pulp and Paper Mill Wastewater” International Journal of Modern Engineering Research (IJMER) Vol.2, Issue.3, pp-602-606, ISSN: 2249-6645, May-June 2012
- ♣ “Study on Existing Traffic Condition in Salem City and Identify the Transport Facility Improvement Projects” International Journal of Applied Engineering Research (IJAER) pp. 717-726, May-June 2012
- ♣ “National Highway Alignment from Namakkal to Erode using GIS” International Journal of Engineering Research and Applications (IJERA) Vol.4, Issue.8, ISSN: 2248-9622, Aug 2014

- ♣ “Investigation of Mechanical Properties in Polyester and Phenyl ester composites Reinforced with chicken Feather Fiber” International Journal of Engineering Research and Applications (IJERA) Vol.2, Issue.12, ISSN: 2248-9622, Dec 2014
- ♣ “Identification and Investigation of Solid waste Dump in Salem District” International Journal of Engineering Research and Applications (IJERA) Vol.4, Issue.12, ISSN: 2248-9622, Dec 2014
- ♣ “Finite Element Modeling on Behavior of Reinforced Concrete Beam Column joints Retrofitted with CFRP sheets Using Ansys” International Journal of Engineering Research and Applications (IJERA) Vol.4, Issue.12, ISSN: 2248-9622, Dec 2014
- ♣ “Analysis Retrofitting Non-Linear Finite Element of RCC Beam and Column using Ansys” International Journal of Engineering Research and Applications (IJERA) Vol.4, Issue.12, ISSN: 2248-9622, Dec 2014

WORKSHOP / TRAINING ATTENDED

1. Participated a Workshop on ‘**Human Resource Development Intervention – FEEL Teacher**’ conducted by CLHRD, Mangalore held at Mahendra Engineering college, Namakal from 16.06.2006 to 18.06.2006.
2. Participated a Workshop on ‘**Communication and Career Lab training**’ held at Meenakshi Sundararajan Engineering College, Chennai, and Organized by Anna University Chennai.
3. Participated a National level Workshop on ‘**Intellectual Property Rights**’ held at Government College of Technology, Anna University, Coimbatore from 1st to 2nd February 2008
4. Participated a National level Workshop on “**Nano Science Instrumentation**” held at V.M.K.V Engineering College, Salem, organized by Nano Science Instruments by SINSIL INTERNATIONAL Bangalore on 27.09.2008.
5. Participated a Seminar on “**Technology Utilization of Biomass Gasification**” held at SSM College of Engineering, Komarapalayam on 31st October 2008.
6. Participated a Workshop on “**Quantitative Techniques for Research**” held at Kongu Engineering College, Perundurai, Erode from 15th to 16th December 2008
7. Participated a Workshop on “**High Impact Teaching Skills**’ held at Mahendra College of Engineering, Salem-636108, from 18th to 19th July 2011 conducted by “Wipro Mission 10X”
8. Participated a Workshop on “**Mind without Fear**” held at Mahendra College of Engineering Salem-636108 on 08.09.2012 organized by Centre for University-Industry Collaboration, Anna University, Chennai.

9. Participated a Workshop on "R & D Projects Proposals – Awareness, Needs & Benefits" held at Anna University, Chennai – 25 on 28th June 2013 organized by Centre for Technology Development and Transfer, Anna University, Chennai -25.

INPLANT TRAINING

UG: 15 days (from 03 - 06 – 1991 to 17 - 06 - 1991) in Anna Transport Corp. Ltd, Salem -7.

PG: One month (from 16 -06 2004 to 17 – 07 - 2004) in Southern Iron and Steel Company Ltd, Mecheri, Salem – 636 453

TECHNICAL MEMBERSHIP

- Life Member in Indian Society for Technical Education (**ISTE**)
 - Member in Indian Society for Heating Refrigeration and Air-conditioning Engineers (**ISHRAE**)

PERONAL PROFILE

Father's Name: : Mr. A. Srinivasan
Date of Birth : 11-04-1969
Sex : Male
Nationality : Indian

The aforesaid details are true to my knowledge and belief.

Station: Salem
Date : 16.08.2017


[S. KRISHNAN]