

CURRICULUM VITAE

**Mr. N. NAGABHOOSHANAM**Male, Indian, Born on July 18th, 1989

Profile: Received his Bachelor degree under faculty of Mechanical Engineering from Anna University, Chennai and Further received his Master degree from Anna University, Chennai and also pursuing his doctoral degree from Anna University under area interfacial heat transfer in die casting process.

Research interests and expertise: Heat transfer enhancement, microstructure study of Al-mg based Alloys; Minimization of casting defects in Al, Fe based materials, die improvement, Flow Analysis Techniques, optimization Techniques

SUBJECT & FIELD OF SPECIALIZATION : Mechanical Engineering; Fluid Mechanics, Manufacturing process & Material Sciences

PRESENT POSITION : Assistant Professor
Department of Mechanical S.A. Engineering College
Chennai - 600 071.

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EDUCATION:

Qualification	Branch/Stream	University/Board	Year
PhD *	Mechanical Engineering / Foundry Technology	Anna University Chennai	Pursuing
MTech **	CAD/CAM Mechanical Engineering	Anna University Chennai	2015
B.E*	Production Engineering	Anna University Chennai	2007

* **Research on:** Microstructural study on Modern casting process

* **Project carried on:** Productivity improvement in LPCED paint plant

PROFESSIONAL EXPERIENCE:

(i) Research:

- 📌 Worked as **Co- investigator** Project entitled, "Minimization of defect and improving productivity in Hydraulic pumps" on Naval Research Board.

(ii) Teaching:

- Worked as an **Graduate Engineer Trainee** in "Dynamatic Technologies Ltd" since June 2011 to June 2013
- Working as Assistant Professor in S.A. Engineering College Since June 2015 to 2017
- Working as Assistant Professor in St peter's college of Engineering and Technology
- 📌 from june 2017 to Till date

(iv) Academic activities:

- 📌 Actively involved in organizing the International Conference
- 📌 Actively involved with the active learning methodology in engineering curriculum.

Courses Taught : Engineering Graphics, Fluid Mechanics, Strength of Materials, Process planning and cost Estimation, Power Plant Engineering, Design of Machine Elements, Automobile Engineering, Finite Element Analysis.

Laboratory Experiences : Fluid Mechanics Lab, CAP/CAM Lab, Manufacturing Technology Lab

FDP ATTENDED:

Attended One Week Fdp On "Engineering Materials And Metallurgy" At Mit Campus chennai

Attended One Week Fdp On " Fluid Mechanics And Machinery" At Mit Campus Chennai

Workshop Attended :

📌 ISTE - Development of High Impact Teaching Skill in Engineering Teaching

📌 Workshop on Latex conducted by R&D center of SAEC.

📌 National Workshop on Recent Advancements in Nanotechnology [ran - 2017] at Nit Py

- ✚ Recent Trends In Concentrating Solar Power Technologies And Fuel Cells at Nit Py
- ✚ National Workshop On Mathematical Modelin g and Computational Techniques at NIT Py
- ✚ Hands-On Training Programme On *SOFT COMPUTING & BIO-INSPIRED OPTIMIZATION Using MATLAB*" Scheduled On 30-31, August 2017 At Mitcampus, Anna University.

RESEARCH PUBLICATIONS

a) INTERNATIONAL CONFERENCES/SYMPOSIUM

- ✚ Presented paper titled "Effect of Fly Ash on Mechanical Properties of Compacted Magnesium Reinforced With SIC Particles at SAIRAM ENGINEERING COLLEGE "
- ✚ Presented paper titled "Design and Fabrication of Fatigue Test Rig and Preliminary Investigation on flax composite beam" at VIT-VELLORE
- ✚ Presented paper titled "Modelling And Analysis Of Tribological Evaluation Hydrodynamic Journal Bearing Lubricated Under Influence Using D-Optimal Design" at VIT-VELLORE
- ✚ Presented paper titled "Optimization Of Porosity And Cold Shut Formation In AlSi5Cu3 Pressure Die Casting Using Taguchi Method" at **S.A ENGINEERING COLLEGE**

Social Experience

Organization	Position
All India Telugu Federation	Public relation officer
Tamilazgha naidu	Public relation officer
Tamil Nadu Adi Andhra Welfare Assn.	Public relation officer
Jananam foundation	secretary
Care for the Careless Trust, Chennai	secretary

Business Experience

Managing partner of Hyagriva group of Services