



Dr. Sivadasan (Siva)

IQAC Head,
NBA convener ,
PROFESSOR

DEPARTMENT OF Mech Engg

PROFILE

Specialist in Metal casting and a PhD holder on Additive Manufacturing / Rapid Tooling from National Institute of Foundry Forge Technology, Ranchi,

- Built a career blended equally with 17 years of Industry exposure and 13 years of academic experience.
- worked with prestigious Metallurgical manufacturing industries at the responsibility of GM and set up & managed ancillary ecosystem.
- His work was awarded by Institution of Engineers and Institute of Indian Foundrymen .
- Taught at NIT Assam, NIT Jaipur and NIT Allahabad as visiting faculty .
- Language trainer for Cambridge Business English certification .
- Resource Person for UHV of AICTE. He worships values, in life and beyond..
- Aspiring to be a respectful counselor.

CONTACT & LINKS

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Linkedin

Twitter: Blog:

EDUCATIONAL QUALIFICATIONS

B.Tech Mech Engg (Calicut Univ)
M.Tech (Foundry Forge Technology) NIFFT Ranchi
PhD Rapid Tooling of Investment Casting NIFFT

PROFESSIONAL EXPERIENCE

Teaching Experience:
13years Industry
Experience:17 Years
Total: 30years

INSTITUTION/DEPARTMENT
RESPONSIBILITIES

- Professor
- SIP – UHV coordinator
- IQAC – Head
- NBA Convener
- Communication skill Trainer & Counselor

RESEARCH
AREA/SPECIALISATION/
RESEARCH GRANTS/
PROJECTS IF ANY

Specialization: Metal Casting , Rapid Tooling,
Production and Quality Assurance :
Research: Rapid Tooling of Precision Manufacturing

ACHIEVEMENTS/ACCOMPLISHMENTS/AWARDS/RECOGNITION/GUEST LECTURES DELIVERED

- MHRD scholarship in PhD Program
- Best Paper Award (Technical) by IIF2015.
- CORPS of Electrical and Mechanical Engineers prize by The Institution of Engineers 2019
- 15 Years of Industrial experience in industrial process and product development, established ancillary ecosystem
- Developed Good Industry –academia interaction, signed various MoUs with Infosys, Wipro, CII, British Council, Oracle, Satyam etc.
- Resource person for FDP on Additive Manufacturing and its application, In Engg Colleges under Kannur and Calicut universities.
- Taught in various NITs
- Interested in Teaching Learning Process and Management.
- Guest speaker and session Chair for international conferences
- Cambridge Business English Certificate Trainer, of British Council. Handle English without putting too much pressure on students/audience
- Deliver sessions / guest speaker as arranged by IIF chapter
- Completed UHV I , UHV II.
- Leading the Quality Assurance drive as NBA Convener

PUBLICATIONS/PATENTS/BOOKS

- a) . “Rapid Investment Casting- An experimentation with typical tooling materials”--- Indian Foundry Journal – IFJ Vol.59, No.6, ISSN0379-5446, June 2013
- b) . “Frame work for Automated GD &T Inspection using 3D scanner” - J. Insti. Eng. India Sec. C. Springer, Germany. Aug.2016.
- c) “Process Parameter Optimization of Fused Deposition Modeling for Helical Surfaces using Grey Relational Analysis " Materials Science Forum V 879 issue 2017, Trans Tech Publications Switzerland.
- d) “Investment Casting – Rapid Tooling Approach” Intl. Journal of Mechanical & Industrial Engineering ---- IJMIE Vo.1 Issue. IV ISSN: 2231 –6477. 2011
- e) “Use of Fused Deposition Modeling Process in Investment Precision Casting and risk of using Selective Laser Sintering”. - Intl. Journal of Applied Research in Mechanical Engg - IJARME, Vol .2 Issue 1, ISSN2231-5950, 2012.
- + 8 technical paper publication in International conferences.

ASSOCIATION WITH PROFESSIONAL BODIES

- Life –time Member of ISTE
- IIF Member
- CII member

PROFESSIONAL COURSES COMPLETED

- Quality Auditor
- Cambridge Business English certification
- UHV I, UHV II
- NPTEL 5 Modules