






Mr. RAFAEEK SIDHIC



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 <https://icet.ac.in/faculties/3/staff-profile>



Employment History

- Aug 2009 –  **Assistant Professor**, Department of Mechanical Engineering, Ilahia College of Engineering and Technology
- Oct 2008 – August 2009  **Junior Engineer(Quality Control)**. Tech-Sharp Engineers Private Limited
- Nov 2006 – Nov 2007  **Graduate Engineer Trainee**. Production Engineering Department,P.L Haulwel Trailers ,a division of Automotive Coaches and Components Limited,Chennai

Education






- 2010 – 2012  **Post Graduation, Anna University,Chennai:** ME in Mechanical Engineering, Maharaja Engineering College ,Avinashi
Thesis title: *Cavitation in Engine cooling fluid due to piston cylinder assembly forces.*
- 2007 – 2011  **Under Graduation, MG University:** B.Tech in Mechanical Engineering,Viswa Jyothi College of Engineering and Technology .

Research Publications

Conference Proceedings











- 1 R. Sidhic, “Design and development of solar powered seed sowing and fertiliser spraying machine,” in *Mechanical Engineering Organized by research and development cell, Ilahia college of Engineering ad Technology*, National Conference on advancements in engineering and computing, 2021.
- 2 R. Sidhic, “Design and fabrication of multipurpose agromover,” in *Mechanical Engineering Organized by research and development cell, Ilahia college of Engineering ad Technology.*, national conference on advancements in engineering and computing, 2021.

Skills

- Languages  Strong reading, writing and speaking competencies for English, Malayalam and Hindi.
- Operating System  Windows 10,Windows 8,Windows 7, Windows XP.
- Softwares  ANSYS, Autocad,Primavera ,Ms Office , C Language.
- Data Base  Latex.
- Misc.  Academic research, teaching, training, consultation, Latex typesetting and publishing.

Miscellaneous Experience


Certification/Affiliation

- 2020 Sep– 2020 Nov  **Certification by NPTEL : COURSE ON FLUID MACHINES** organised by IIT Kharaghpur .
- 2020 Nov  **Certification by COURSERA : COURSE ON MACHINE DESIGN 1** organised by Georgia Institute of Technology. .
- 2008 Sep  **Certification by Induscan Petroleum Institute ISO 9001: 2008 : Oil Field Engineering and Quality Control..** .
- 2008 Aug  **Certification by Induscan Petroleum Institute ISO 9001: 2008: ASNT level 2 certification in Ultra sonic Testing** .
-  **Certification by Induscan Petroleum Institute ISO 9001: 2008: ASNT level 2 certification in ASNT level 2 certification in Liquid Penetrant Testing.** .
-  **Certification by Induscan Petroleum Institute ISO 9001: 2008: ASNT level 2 certification in ASNT level 2 certification in Magnetic Particle Testing.** .
-  **Certification by Induscan Petroleum Institute ISO 9001: 2008: ASNT level 2 certification in ASNT level 2 certification in Radiographic Testing.** .
- 2008 April  **Certification by ACE Consultants and HVAC Training Institute,All India Technical Education Society:** Professional HVAC Training Course .
-  **Certification by InterCAD Institute Pvt.Ltd:** Primavera project Planner .
- 2006 July  **Certification by CADD Centre:** Foundation in Mechanical CADD .





Seminars

- 2020  **Scientific Writing Using LaTeX Oct 2020**, Indian institute of information technology Kottayam
-  **National level seminar on Recent Advances in Tribology and Surface Engineering: Series 1 of 4- Introduction to Tribology and Surface Engineering** , SAINTGITS COLLEGE OF ENGINEERING (AUTONOMOUS) KOTTAYAM, KERALA
- 2019  **National level seminar on Tools ,Techniques and Models for Scientific Research** , Department of Mechanical Engineering-Viswajyothi College of Engineering and Technology(NBA Accredited) sponsored by APJ Abdul Kalam Technological University

Workshops

-  **NBA Accreditation Process** , National Institute of Technical Teachers Training and Research ,Chennai-Government of India ,Ministry of Human Resource Development






Miscellaneous Experience (continued)

- 2018  **Moodle Learning Management System** , Teachers Training Centre(ICT) at IIT Bombay ,funded by Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.
- 2018  **Engine Overhauling** , IIT Varanasi in association with Mechanical Engineering Department Association of ICET
- 2016  **national level workshop on Recent Advances in Metals, Processes and Applications**, Mechanical Engineering Department -MAR Athanasius College of Engineering Kothamangalam and Kerala State Council for science ,Technology and Environment (KSCSTE) .
- 2016  **Non Destructive Testing in March 2016**, Department of Mechanical Engineering ICET and Matrix Inspection and Engineering Services.

Faculty Development Program

- 2023  **Emerging Trends in Additive Manufacturing Technologies Feb 2023**, Federal Institute of Science and Technology (FISAT)- Department of Mechanical Engineering.
- 2020  **Advances in Materials Engineering and Sustainable Manufacturing Aug 2020**, Federal Institute of Science and Technology (FISAT)- Department of Mechanical Engineering.
-  **Fluid Mechanics and Systems Aug 2020**, Department of Mechanical Engineering -Adi Shankara Institute of Engineering and Technology (NBA Accredited).
-  **Know Everything Related to Research July 2020**, Ilahia College of Engineering and Technology in association with IEEE and Computer Society of India.
- 2019  **Reference Management and Knowledge Organization for Journal Writing Feb 2019**, Department of Electrical and Electronics Engineering ,Ilahia College of Engineering and Technology.

Duties/Responsibilities

- 2023  **College transportation committee convenor**
-  **Department Academic coordinator committee member**
- 2022  **Department advisory committee member**
- 2023  **Antinarcotic committee member**
- 2021  **Mentor 2022-2026 ME Batch**

References

1. Prof. Raman Nampoothiri N
Retired professor from MACE Kothamangalam
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2. Dr. Faisal M.H
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