

Mr. Rafeek Sidhic

**Assistant Professor,
Department of Mechanical Engineering**

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Academic Background:

B.Tech (Mechanical Engineering),Mahatma Gandhi
University,Kerala (2002-2006)

M.E (Mechanical Engineering- Engineering Design), Anna
University Chennai, Tamil Nadu, 2011-2012

Areas of interest:

Renewable Energy, Thermal sciences,

Fluid Mechanics and Fluid

Machinery, Design of Machinery

Subject handled:

THEORY: Fluid Machinery (KTU), Hydraulic machines (MGU), Mechanics of Fluids(KTU), Fluid Mechanics 1(KTU), Theory of machines 2(MGU) ,Mechanics of Machinery (KTU), Kinematics of Machinery(MGU),Heat and Mass Transfer (MGU),Engineering Graphics (MGU),Thermodynamics (KTU).

LABORATORY: Fluid Machinery and flow lab, Heat Transfer Lab, Mechanical Technology Lab, Advanced Machine Tool Lab, Machine Tool Lab

Software Proficiency:

Autocad, Pro Engineer, Ansys application softwares

Office suite : M .S Office

Experience:
(Total Experience)

Academics: (9 years)

August 2009 to Till date

Assistant Professor, Department of Mechanical **Engineering**, Ilahia College of Engineering & Technology, Mulavoor, Muvattupuzha.

Industrial: (3 Years)

1.(November 2006 to
November 2007)

1. Graduate engineer trainee,P. L Haulwel Trailers ,A division of automotive coaches and componentslimited, Ambattur,Chennai,Tamilnadu

2. (June 2008 to
august 2009)

2. Junior Engineer –Quality Control, Tech Sharp Engineers Private Limited ,Anna Nagar, Chennai

Conferences/Seminars/

**Workshop/short
course Participated**

1. Participated in National Workshop on “Recent Advances in Metals, processes and Applications” organized by Mar Athanasius College of Engineering, kothamangalam sponsored by Kerala State Council for Science, Technology and Environment (16/07/2018-18/07/2018).
 2. Participated and presented a paper titled “Cavitation in Engine cooling fluid due to piston cylinder assembly forces” in the national conference “RAME-2012” organized by M.P Nachimuthu Jaganathan Engineering Chennimala, Erode, Tamilnadu, India on 22nd March 2012.
 3. Participated in the one day workshop on mechatronics-python programming held on 14th January 2016, organised by Department of Mechanical Engineering ICET.
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Conferences/Seminars/**Workshop/short course
Participated**

4. Participated in one day workshop on Non Destructive Testing on 30th March 2016 organised by Department of Mechanical Engineering , ICET & Matrix Inspection & Engineering Services.
5. Completed professional Training course on “**Heating, Ventillating and Air conditioning**” organized by ACE Consultants and HVAC Training Institute affiliated to All India Technical Education Society (15/03/2008 -15/04/2008)
6. Successfully completed training program on “Primavera Project Planner” conducted by INTERCAD Institute private limited (10/04/2008)
7. Completed certification course on “oilfield engineering and quality control” conducted by Induscan Petroleum Institute (02/06/2008-30/08/2008)
8. Completed certification course on “Ultrasonic Testing” conducted by Induscan Petroleum Institute (10/07/2008-25/07/2008)
9. Completed certification course on “Radiographic Testing” conducted by Induscan Petroleum Institute (26/07/2008-11/08/2008)
10. Completed certification course on “Magnetic Particle Testing” conducted by Induscan Petroleum Institute (12/08/2008-14/08/2008)
11. Completed certification course on Liquid Penetrant Testing conducted by Induscan Petroleum Institute(16/08/2008-18/08/2008)

**EventsOrganized/
Conducted/Responsibilities**

1. Served on Academic and Administrative committees

(Technical Festival, NBA Committees (Mechanical Department Coordinator).
 2. Served as Staff coordinator for Mechanical Department Association during 2 consecutive years
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3. Coordinated programmes for students to enhance their knowledge (add on courses, workshops and seminars)
 4. Contributed to the efficient management and administration of the Department and the College.
 5. Guided final year projects of in-house nature.
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