

SHINAJ K M

MECHANICAL ENGINEER (M.Tech)

Ph: +91-9847362053 (Mobile)

E-mail: shinajkm786@gmail.com

Skype ID: [shinajkmuhammed](#)



Career objectives & professional interests:

A challenging position in a dynamic organization with potential for career advancement where I could utilize my experience, skills, Technical knowledge and thus contributing to the growth of the organization. To work in an organization where, I can fulfill my dream, to give my best in my professional pursuit, where my knowledge and experience can be shared and enriched to become a successful mechanical engineer. Following are some of my professional areas of interest;

- Research in Thermal science
- Heat and Mass transfer, Thermodynamics, Energy Systems
- Refrigeration and Air- Conditioning systems – HVAC, multi component refrigeration systems
- Design of Heat exchanger equipments by LMTD or NTU method.
- Operation and maintenance of Boilers, Heat exchangers, HVAC units and other thermal equipments.

Professional Experience:

1. Designation : **Mechanical Engineer**
Company Name : **AAROODA (P) Ltd**
Period : **06-Aug-2012 to 23-Jan-2015**

Responsibilities and Duties;

- Boiler Erection Project at Kochi Refinery, Ambalamugal.
- Breakdown & Preventive Maintenance of static Equipments like heat exchangers, Vessels and Rotary Equipments like Pumps, Compressors and Evaporators.
- Operation and maintenance of Boilers, Compressors and Cooling Towers.
- Fabrication Works, Welding, Cutting and Machining Jobs and vehicle/maintenance Diesel Engine.
- Planning of works and materials, Scheduling of works.

2. Designation : **Assistant Professor in Mechanical Engineering**
Company Name : **Ilahia School of Science and Technology under Mahatma Gandhi University**
Period : **29-Jan-2015 to 30-Jun-2017**

Subjects Taught;

- Heat and Mass Transfer
- Refrigeration and Air conditioning systems
- Thermodynamics
- Design of Heat transfer equipments.

Academic Qualifications:			
University :- University of Calicut, Kerala, India College/Institution :- MES College of Engineering, Kuttippuram, Kerala, India Course :- M.Tech (Thermal Systems)			
Qualification	Year of Passing	Progressive Performance Index (CGPA)	Result
M.Tech (Thermal Systems)	September-2013	7.44/10	1 st Class
University :- Mahatma Gandhi University, Kottayam, Kerala, India College/Institution :-Ilahia College of Engg. And Technology, Muvattupuzha, Kerala, India Course :- B.Tech (Mechanical Engineering)			
Qualification	Year of Passing	Percentage	Result
B.Tech (Mechanical Engineering)	July-2011	74.61%	1 st Class
Industrial Training Experience:			
Organization	Duration		Designation/Remarks
	From	To	
Bharat Heavy Electricals Limited, Tiruchirapalli (M.TechProject).	Mar-13	Aug-13	Study and analysis of thermal behavior of welding quality under different shielding gases. (Under the guidance of Dr.KDevakumaran, SDE, WRI, BHELTrichy).
National Thermal Power Corporation Ltd. (NTPC). (Industrial Training)	Jan-13	Mar-13	Rajiv Gandhi Combined Cycle Power Project, NTPC Ltd., Kayamkulam.
The Kerala Minerals and Metals Ltd. (Industrial Training)	Dec-12	Jan-13	Titanium Dioxide Pigment Unit of the company at chavara, Kollam, Kerala.
Bharat Heavy Electricals Limited, Tiruchirapalli. (B.TechProject).	Jan-11	Feb-11	Modernization of Load Tube in Load Hangers. (Under the guidance of Kutuva S. Janardhanan, Dy. Manager, M&S/HRDC W.Shop, BHEL, Trichy-14.
The Fertilisers And Chemicals Travancore Ltd. (FACT) (Inplant Training)	Dec-09	Jan-10	Inplant Training at Cochin Division FACT. Ltd.
Technical Key Skills:			
<ul style="list-style-type: none"> Committed to determining the optimal sequence of operations at the work site while implementing efficient construction methods. Specialize in meeting deadlines and ensuring compliance with safety standards. Well experienced in Computer Operations in English, Typing of Texts, Tables and hand written documents on a computerized Database / Spreadsheet. 			

<i>Software's familiar with:</i>	
<ul style="list-style-type: none"> MS Word, MS Excel, MS PowerPoint, MS Internet Explorer, Google Chrome 	
<i>Awards and Achievements:</i>	
<ul style="list-style-type: none"> Ranked in the top 5 (Third Rank), M.Tech Thermal Systems, Calicut University, 2013 Best ENCON Club coordinator award 2016 - BPCL KOCHI REFINERY ENERGY CONSERVATION CLUB –(In the professional college's category, Ilahia School of Science & Technology, Muvattupuzha, bagged the Best Encon Club award 2016) Member and coordinator of ISHRAE students chapter, South region, INDIA Chairman of Entrepreneurship Development Club under Ilahia School of Science and Technology Faculty coordinator of Professional Engineering College Boot camp under Kerala Start up Mission 	
<i>Subjects Taught:</i>	
<ul style="list-style-type: none"> Advanced Heat and Mass Transfer Thermodynamics and combustion Refrigeration and Air- Conditioning Fluid Mechanics, Hydraulic Machineries Design of Heat Transfer Equipments Experienced in determination of force on objects in internal and external flow; Heat transfer by conduction; Heat transfer by convection; Heat transfer by radiation; Energy balances for a control volume; and Analysis of a simple thermodynamic cycle. 	
<i>Personal Details:</i>	
<ul style="list-style-type: none"> Date of Birth Father's Name Permanent Address Sex & Marital Status Nationality Languages Known Passport no & Expiry date 	<ul style="list-style-type: none"> 19th January 1990 MAMMU K P Kotteparambil House, Thrikkalathoor P.O, Muvattupuzha, ErnakulamDist, Kerala – 683541. Male & Single. Indian. English, Hindi, Malayalam and Tamil. J5252958, 12/06/2021.

Declaration:

I hereby declare that the information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.

Shinaj K M

References:**1. Er. Najeeb Ebrahim**

Environment Engineer, GASCO, Abudhabi

Email: nmundethebrahim@gasco.ae

Tel: +971 503169826 (Mob)

2. Er. Asharaf Mohammed

Kuwait Oil Company (KOC)

|Engineer Materials | Production Operations Group (WK) |

|Email: nashraf@kockw.com | Web: www.kockw.com |

Tel: +965 238 20081(Mob)

3. Dr. Haseena H.

Principal

Ilahia School of Science And Technology (ISSAT)

Pezhakkappilly (PO, Muvattupuzha

Kerala, India-686 674,

Email: haseenahamsa@gmail.com Mob.+91 9495323762

4. Er. Midhun Mohan

Managing Director

AAROODA (P) Ltd., Valapattil, Nedumbassery P.O

Ernakulam-Dist, Kerala, India- 683585

Email: midhungirijamohan@gmail.com , midhunmohanmupzha@gmail.com

Mob: +91 9400648152, +91 9895653990