SHINAJ K M



**MECHANICAL ENGINEER (M.Tech)**

## Ph: +91-9847362053 (Mobile)

**E-mail:** [**shinajkm786@gmail.com**](mailto: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.  1. 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 Teached;   * + 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)**  **University :- Mahatma Gandhi University, Kottayam, Kerala, India College/Institution :-**Ilahia College of Engg. And Technology, Muvattupuzha, Kerala, India **Course :- B.Tech (Mechanical Engineering)** | | | |
| ***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:*** | | | |
| * 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. | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Qualification** | **Year of Passing** | **Progressive Performance Index (CGPA)** | **Result** |
| M.Tech (Thermal Systems) | September-2013 | 7.44/10 | 1st Class |

|  |  |  |  |
| --- | --- | --- | --- |
| **Qualification** | **Year ofPassing** | **Percentage** | **Result** |
| B.Tech (Mechanical Engineering) | July-2011 | 74.61% | 1st Class |

|  |  |  |
| --- | --- | --- |
| ***Software’s familiar with:*** | | |
| * MS Word, MS Excel, MS PowerPoint, MS Internet Explorer, Google Chrome | | |
| ***Awards and Achievements:*** | | |
| * **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** | | |
| ***Subjects Taught:*** | | |
| * **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. | | |
| ***Personal Details:*** | | |
| * Date of Birth | : | 19th January 1990 |
| * Father’s Name | : | MAMMU K P |
| * Permanent Address | : | Kotteparambil House, Thrikkalathoor P.O, |
|  |  | Muvattupuzha, ErnakulamDist, Kerala – 683541. |
| * Sex & Marital Status | : | Male & Single. |
| * Nationality | : | Indian. |
| * Languages Known | : | English, Hindi, Malayalam and Tamil. |
| * Passport no & Expiry date | : | 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:*

## Er. Najeeb Ebrahim

Environment Engineer, GASCO, Abudhabi Email: [nmundethebrahim@gasco.ae](mailto:nmundethebrahim@gasco.ae)

Tel: +971 503169826 (Mob)

## Er. Asharaf Mohammed

Kuwait Oil Company (KOC)

|Engineer Materials | Production Operations Group (WK) |

|Email: [nashraf@kockw.com](mailto:nashraf@kockw.com) | Web: [www.kockw.com](http://www.kockw.com/) | Tel: +965 238 20081(Mob)

## Dr. Haseena H.

Principal

Ilahia School of Science And Technology (ISSAT) Pezhakkappilly (PO, Muvattupuzha

Kerala, India-686 674,

Email: [haseenahamsa@gmail.com](mailto:haseenahamsa@gmail.com) Mob.+91 9495323762

## Er. Midhun Mohan

Managing Director

AAROODA (P) Ltd., Valapattil, Nedumbassery P.O Ernakulam-Dist, Kerala, India- 683585

Email: [midhungirijamohan@gmail.com](mailto:midhungirijamohan@gmail.com) , [midhunmohanmupzha@gmail.com](mailto:midhunmohanmupzha@gmail.com) Mob: +91 9400648152, +91 9895653990