

RESUME

Shahid Ali Ishtiyaque Ahmed
shahidansari1986@rediffmail.com
shahid.ansari1507@gmail.com

Address for Correspondence

Pt.no.160-161, (B)
Near Bande Nawaz Masjid
Millat Nager
Dhule- 424001.

Mobile no: 8983153332/7020228338

Work Experience

Academic: 11.0 Years

CAREER OBJECTIVE:

To be part of Organization that strives for perfection and Innovations. I would like to give my 100% by contributing my experience and creativity for the better future prospects of the Organization.

EDUCATIONAL QUALIFICATION:

- ☞ **Ph.D(Tech) (Pursuing) in Mechanical Engineering from Institute of Chemical Technology (ICT) Mumbai.**
- ☞ M.Tech in Thermal & Fluid Engineering from Dr.Babasaheb Ambedkar Technological University
- ☞ Bachelors' of Engineering with First Class Distinction (67.60%) from Government College of Engineering, Jalgaon, Maharashtra Affiliated to North Maharashtra University in the year 2009.
- ☞ H.S.C. (Sci.) with 49.67% in the year 2004 from S.S.V.P.S Science College, Dhule.
- ☞ S.S.C. with 73.86 % in the year 2002 from National Urdu high School, Dhule.

HIGHER QUALIFICATION:

- ☞ Completed **Master of Technology** in Mechanical Engineering with specialisation **Thermal and Fluid Engineering** from Dr.Babasaheb Ambedkar Technological University.

Aggregate percentage up to 8th semester :	60.97%
---	---------------

INDUSTRIAL TRAINING :

- ☞ Industrial Training of 15 days at UJJWAL AUTOMOTIVES Ltd. Jalgaon.

FINAL PROJECT :

- ☞ **Ph.D (Tech)** on “Thermal Energy Storage Using Phase Change Materials”.
- ☞ **M.Tech project** on “Investigation on Hydraulic Jumps due to Two Phase Air-Water Flow in a Sudden Expansion Duct”.
Two phase flow are very common phenomena in chemical plants, refrigeration system and nuclear power plants. In all these application prediction of various quantities like pressure drop, H.T rates etc. are major concerns of design .Although

theoretical quantitative explanations of these phenomenon are very difficult especially for turbulent flow an experimental investigation would be useful to many designers.

☞ **B.E Project** on “A Working Model of Wind-Solar Hybrid Energy System”.

Electricity is the key to economic development for our country during the last five decades the demand for electricity has increased manifold in India primarily due to the rapid rate of urbanization industrialization .The conventional fossil fuel resources for power generation are fast depleting and there is a growing concern over the environmental degradation caused by conventional power plants. Energy is vital for the progress of a nation. Energy is the ultimate factor responsible for both industrial and agricultural development. The main purpose of the wind and solar energy demonstration system is to promote electric generation for residential, agricultural and small business application

SEMINAR:

☞ A Seminar on “Study and analysis of screw compressor at VIKAS DUDH Jalgaon”.

☞ M.Tech seminar on “Electricity Generation from Solar Energy through Thermal Route”.

In this seminar a brief survey of the various types of solar thermal collectors and their applications are presented. Powersol is an environmental friendly technology and it is suitable for being installed in any place, the only requirement is solar energy availability. powersol technology is more energy efficient and seems to be more cost effective than PV system.

ELECTIVES:

☞ Advanced Machine Design.

☞ Introduction to Robotics.

COMPUTER LITERACY:

☞ AutoCAD 2008.

AWARDS & ACHIEVEMENTS:

☞ Qualified the **Ph.D. Entrance Test of Indian Institute of Technology (IIT Indore)** Indore held on 2017-2018.

☞ Qualified the **Ph.D. Entrance Test of Institute of Chemical Technology (ICT)** Mumbai held on 2017-2018.

☞ Qualified the **Ph.D.(PET-04) Entrance Test of Dr. Babasaheb Ambedkar Marathwada University (Dr. BAMU)** Aurangabad held on 2016-2017

☞ Qualified the **Ph.D. Entrance Test of Institute of Chemical Technology (ICT)** Mumbai held on 2016-2017

☞ Qualified the **Ph.D. Entrance Test of Veermata Jijabai Technological Institute (V.J.T.I.)** held on 6th July 2015 on Monday.

☞ Qualified the **Ph.D. Entrance Test (PET) of University of Mumbai**

☞ Technical Committee Member in “NCACME-2012” organised by GIT Lavel .

☞ Worked as Moderator in “NCACME-2012” organised by GIT Lavel .

☞ Committee Member in “Techno-Arena 2008” State Level Paper Presentation held in Govt. College of Engg. Jalgaon.

☞ Attended international conference “Delhi International Renewable Energy Conference (DIREC2010)” held in Delhi.

☞ Actively participated in “All Maharashtra Mathematics Competition X class 27th April -2002”.

TEACHING EXPRIENCE:

Employee Record:

- ☞ 20 December 2014 to 20 April 2021 Worked as assistant professor in the dept of Mechanical at MMANTC Mansoor , Malegaon .
- ☞ 16 August 2012 to 15 November 2014 Worked as an Assistant Professor in dept of Mechanical , at SVKM's, NMIMS, MPSTME (shirpur Campus), Shirpur, Dhule.
- ☞ 01 August 2011 to 14 August 2012 Worked as an Assistant Professor in dept of Mechanical , at Gharda Institute Of Technology Lavel ratnagiri
- ☞ 01 January 2010 to 06 July 2011 Worked as an Teaching Assistant in dept of Mechanical , at Dr.Babasaheb Ambedkar Technological University lonere .

PUBLICATIONS :

A. CONFERENCE/SEMINAR/ WORKSHOP:

- ☞ A paper entitled **“An Overview: Applications of Thermal Energy Storage Using Phase Change Materials”** is published in Materials Today: **Science Direct Elsevier. I.F =1.4**
<https://doi.org/10.1016/j.matpr.2020.02.247>
- ☞ A paper entitled **“An Overview: Applications of Thermal Energy Storage Using Phase Change Materials”** Accepted in 10th International Conference on Materials Processing and Characterizations (10 ICMPC 2020) at GLA University, Mathura on 21st -23rd Feb.2020.
- ☞ A paper entitled **“Improvement of Mechanical Properties of Aluminium Nano Composites Reinforced with Zirconia Nano Particle”** is published online in International Journal of Advanced Science and Technology Vol. 29, No. 8s, (2020), pp. 4941 – 4951.**Scopus Index**
- ☞ A paper entitled **“Elevator Water Pump”** is published online in International Journal for Research in Engineering Application & Management in the June 2018 issue.
- ☞ A paper entitled **“Elevator Water Pump”** is presented in the 6th International Conference at SNJB'S Nashik on 30, 31 May 2018
- ☞ A paper entitled **“Experimental Investigation on Hydraulic Jump in Sudden Expansion Duct”** is published in IOSR Journal of Engineering (IOSR JEN) ISSN (e): 2250-3021, ISSN (p): 2278-8719
- ☞ A paper entitled **“A Review on Utilization of Waste Plastic in Bituminous Roads”** is published in IOSR Journal of Engineering (IOSR JEN) ISSN (e): 2250-3021, ISSN (p): 2278-8719PP 34-39
- ☞ A paper entitled **“Optimization of Turning Parameter for Improved Surface Property of Material”** is published in IOSR Journal of Engineering (IOSR JEN) ISSN (e): 2250-3021, ISSN (p): 2278-8719 PP 38-40

- ☞ A paper entitled “Experimental Investigation on Hydraulic Jump Due to Two Phase” is accepted for publication to International Journal of Scientific Research.
- ☞ A paper entitled “An Experimental Study of Hydraulic Jump in Rectangular Duct” Accepted for The Publication of International Journal of Current Research.
- ☞ A paper entitled “**Investigation of Hydraulic Jump due to Two Phase Air – Water Flow in a Rectangular Duct**” is published online in International Journal on Design and Manufacturing Technologies in the January 2015 issue. **Scopus Index**
<http://dx.doi.org/10.18000/ijodam.70153>
- ☞ A paper on “**An Experimental Study of Hydraulic Jump in Rectangular Duct**” is presented in the National Conference on (DIME-2K15) at TKIET Warananagar on 30, July 2015.
- ☞ A paper on “**Investigation of Hydraulic Jump due to Two Phase Air –Water Flow in a Rectangular Duct**” is presented in the International Conference at MANIT Bhopal on 27, 29 *November* 2014.
- ☞ A paper on “**Investigation of Hydraulic Jump in Rectangular Duct**” is presented in the International Conference at SNJB’S Nashik on 27, 28 January 2014.
- ☞ Presented a paper on “**Prediction of Process Reliability of CNC Lathe** “in National Conference on (NCACME – 2012) at GIT Lavel on 27, 28 January 2012.
- ☞ Presented a paper on “**Adaptive Cruise Control** “National Seminar at JTM COE Faizpur 27th February 2009.

B. Expert Lecture Talk:

- ☞ Delivered an expert lecture talk on “**CO-PO Mapping & its Attainment**” under the capacity building lecture series on 10th Sep 2020 at MMANTC.

C. STTP/ WORKSHOPS/TRAINING PROGRAMS ATTENDED:

- ☞ Attended one week training course on **CNC Lathe Programming-Fanuc Controller** by **Lakshmi Machine Works Ltd. Coimbatore** held from 20/05/2013 to 24/05/2013.
- ☞ Participated in one week STTP on **Thermal Energy Storage for Building Applications** Organized by National Institute of Technology Rourkela from 25th January 2021 to 29th January 2021.
- ☞ Participated in one week STTP on **Design of Experiment using Taguchi Technique Organized** by Rajasthan Technical University, Kota from 26th January 2021 to 31th January 2021.
- ☞ Participated in one week STTP on **Moodle Learning Management System** by IIT Bombay, in 3 January 2020.
- ☞ Participated in one week STTP on **Machine Learning and Artificial Intelligence** by E&ICT Academy IIT Guwahati held from 12 to 19 October, 2020,
- ☞ Participated in one week STTP on **Innovation and Research in Welding, Joining and Cutting Technology** by NIT Silchar. From 07 – 11 September 2020
- ☞ Participated in one week STTP on “**Solar Design and Drafting**” by Rajasthan Technical University, Kota. From 21/09/2020 to 25/09/2020

- ☞ Participated in one week STTP on **Solar Energy Conversion & Storage**” by Rajasthan Technical University, Kota. From 31/08/2020 to 04/09/2020
- ☞ Participated in one week STTP on **Recent trends in cutting tool technology and force measurement using MATLAB** by Department of Mechanical Engineering of D.K.T.E. Society's Textile and Engineering Institute, Ichalkaranji 24th August, 2020 to Saturday, 29th August 2020.
- ☞ Participated in one day programme on **NPTEL** by Galgotias University, Uttar Pradesh on Aug 13, 2020
- ☞ Participated in one week STTP on **Advances in Green Energy for Sustainable Development (AGE-1)**”by Prof. Ram Meghe Institute of Technology & Research, Badnera from August 10th to August 16th,, 2020
- ☞ Participated in one week STTP on **Green Energy for Sustainable Development** by School of Engineering Central University of Karnataka, Kalaburagi from 10.08.2020 to 14.08.2020
- ☞ Participated in one week STTP on **Reliability, Maintainability and Quality Issues in Process Industries** by Dr. B. R. Ambedkar National Institute of Technology, Jalandhar from 04- 08 August, 2020 under TEQIP-3
- ☞ Participated in one week STTP on **Advances in Additive Manufacturing** by Siemens Centre of Excellence for Digital Manufacturing and Robotics under NAFETIC at Yeshwantrao Chavan College of Engineering, Nagpur, from 20th to 25th of July, 2020
- ☞ Participated in one week STTP on **Research Proposal Writing** by Bangalore Institute of Technology from 06 July – 11 July 2020.
- ☞ Participated in one week STTP on **Advances in Renewable Energy System for Sustainable Development** by Govt. College of Engineering Nagpur from 30 June – 04 July 2020.
- ☞ Participated in one week STTP on **Digitally Enhance Teaching Methodology** by Datta Meghe Institute of Engineering Technology & Research from 26 June – 30 June 2020
- ☞ Participated in one week STTP on **Future trends in Green Technology** by Energy Centre, Maulana Azad National Institute of Technology, Bhopal from 22 June – 26 June 2020
- ☞ Participated in one week STTP on **Future Material:Nacomposite** by Bharati Vidyapeeth college of engineering from 15 June – 21 June 2020
- ☞ Participated in one week STTP on **Applications of Finite Element Analysis (FEA) and Computational Dynamics (CFD) using ANSYS** by Government College of Engineering, Karad from 13 June – 17 June 2020
- ☞ Participated in one week STTP on **“Futuristic Technologies in Mechanical Industries”** by Mechanical Engineering Department, DYPIEMR, Akurdi 5th June 2020 to 9th June 2020.
- ☞ Participated in one week STTP on **Emerging Trends in Refrigeration & air conditioning** by Pimpri Chinchwad College of Engineering & Research pune from 01 June –06 June 2020
- ☞ Participated in one week STTP on **Renewable Energy: Application & Entrepreneurship** by Department of Mechanical Engineering, S.S.B.T.’s, College of Engineering & Technology, Bambhori, Jalgaon, (M. S.) India during 26th –30th May 2020
- ☞ Participated in one week STTP on **Innovation, Entrepreneurship and its Relevance in Industry 4.0 Practices in the Post Covid-19 Situation** by Terna Engineering College Mumbai from May 25 – 29, 2020.
- ☞ Participated in one week STTP on **Bio-Energy: Technologies & Transitions** by National Institute of Technology, Kurukshetra and Government Engineering College, Bikaner from 13 - 17 May, 2020 under TEQIP-III
- ☞ Participated in one week STTP on **Outcome Based Education: A Step Towards Excellence**”by Government College of Engineering, Karad from 11-15 May 2020 under Margdarshan Scheme of AICTE, New Delhi

- ☞ Participated in one week STTP on “**R Programming**” by Spoken Tutorial Project ,IIT Mumbai & P. G. Department of Computer Application, P. R. Pote College of Engineering & Management, Amravati from 27th April 2020 to 1st May 2020
- ☞ Participated in QIP short term course on **Thermal Energy Storage for Effective Energy Management** conducted by IIT Kanpur from 10-14 Feb, 2020.
- ☞ Participated in one week STTP on **Moodle Learning Management System** by Akhil Bharatiya Maratha Shikshan Parishad’s Anantrao Pawar College of Engineering & Research, Parvati, Pune from 4 May 2020 to 9 May 2020
- ☞ Participated in a **National Programme on Technology Enhanced Learning** Organized by IIT Bombay on 11 January 2020.
- ☞ Participated in a **National Programme on Technology Enhanced Learning** Organized by IIT Bombay on 11 January 2020.
- ☞ Participated in one week STTP on **Research Methodology- Techniques and Software** Organized by KBPCOE Satara on 11th -15th November 2019.
- ☞ Participated in a **National Programme on Technology Enhanced Learning** Organized by IIT Bombay on 25 January 2019.
- ☞ Participated in Two Days State Level Workshop on **Advances In Industrial Engineering & Management** Organized by SNJB’S Nashik on 21st & 22nd December 2018.
- ☞ Participated in a **National Programme on Technology Enhanced Learning** Organized by IIT Bombay on 2nd August 2018.
- ☞ Attended **HOD (Mechanical)** meeting of SPPU Pune to discuss various academic issues at DYPIET Pimpri on Friday 04/03/2016.
- ☞ Participated in a **National Programme on Technology Enhanced Learning** Organized by IIT Bombay on 18th September 2014.
- ☞ Attended the two days **ISTE e-Seminar on Steps 2 Research** Organized by Amal Jyothi College of engineering on 19th to 20nd September 2014.
- ☞ Participated in a **Two Week ISTE Workshop on Fluid Mechanics** Organized by IIT kharagpur on 20th to 30th May 2014.
- ☞ Participated in a **Two Week ISTE Workshop on Engineering Mechanics** Organized by IIT Bombay on 26th Nov to 06th Dec, 2013.
- ☞ Participated in a **National workshop on Advanced Computational Fluid Dynamics (ACFD)** Organized by MNNIT Allahabad on 28th June to 02nd July 2014.
- ☞ Participated in a National workshop on **LaTeX** Organized by GIT Lavel on 16th to 17th March 2012.

MEMBERSHIP:

- ☞ Member of the Institute of Research Engineers and Doctors (IRED), **Membership No: SNM10100058599.**
- ☞ Life member of Teaching and Education Research Association (TERA), Eurasia Research **Membership ID: TERA-M19456.**
- ☞ Member of Indian Academicians and Researchers Association (IARA) **Membership No: M / M – 1253.**
- ☞ Member of International Association for the Engineers and the computer scientists, (IAENG) Secretariat, Hong Kong, **Member No. 252245.**

ACTIVITIES/ RESPONSIBILITIES HANDLED AT DEPARTMENT/INSTITUTE LEVEL:

- ☞ Worked as reviewer for **IEOM 2015 Dubai Conference.**
- ☞ Work experience of Internal Senior Supervisor for University Examination 2019
- ☞ Work experience of Internal Senior Supervisor for University Examination 2018
- ☞ Work experience of Internal Senior Supervisor for University Examination 2017
- ☞ Faculty in charge of **Dept.TNP Coordinator**
- ☞ Faculty in charge of project
- ☞ Work experience of Project coordinator
- ☞ Faculty in charge of **NPTEL SPOC (IIT MADRAS)**
- ☞ Work experience of External Examiner of Oral/Practical (SPPU)

- ☞ Work experience of **Paper Setter for university** [NMIMS].
- ☞ Work experience of **paper evaluator for university** [NMIMS].
- ☞ Work experience of invigilator for university exams [NMIMS].
- ☞ Worked as Time Table In charge
- ☞ Work experience of member of **Anti ragging Squad** committee for first year
- ☞ Worked as a class in charge for IInd year B Tech [MECH].
- ☞ Work experience of faculty in charge for the event “Pixel.MP4” in Protsahan -13.
- ☞ Work experience of faculty in charge for the event “Flavium14” in Protsahan -14

PERSONAL SKILLS:

Sr. No.	Course	Class	Branch	Subject
1.	B.E.	T.E.	Mechanical	RAC ,Heat And Mass Transfer Mechatronics , Turbomachinery , Thermal Engg ,Fluid Mechanics, NCES,
2.	B.E.	S.E.	Mechanical	Engg Thermodynamics

REFERENCE:

Reference 1	Reference 2
Dr. SP Deshmukh Professor General Engineering Institute of Chemical Technology (ICT) Nathalal Parekh Marg, near Khalsa College, Matunga, Mumbai, Maharashtra 400019 sp.deshmukh@ictmumbai.edu.in 9869807991	Dr .RP Kate Professor Mechanical Engineering Department Dr. Babasaheb Ambedkar Technological University, Lonere. Dist. Raigad, Pin – 402103, Maharashtra, India. rpkate@dbatu.ac.in, rpkate@yahoo.com 9420057789

PERSONAL PROFILE:

Name : Shahid Ali Ishtiyaque Ahmed.
 Qualification : **Ph.D (Tech) (Pursuing)**
 M.TECH (Thermal & Fluid Engineering)
 B.E (Mechanical Engineering)

 Permanent Address : Pt no.160/161(B), Near Bande Nawaz Masjid
 Millat Nager Dhule-424001.
 Date of birth : 15th July.1986.
 Gender : Male.
 Marital status : Married.
 Nationality : Indian.
 Cast : OBC (Muslim, Julaha)
 Language known : English, Hindi, Marathi, Urdu, Arabic.

Passport details

Passport No. L 6928907
 Date of Issue 24/01/2014
 Date of Expiry 23/01/2024
 Place of Issue THANE
 Date of Birth 15.07.1986

Declaration:

I hereby declare that the above given information by me is true and correct to the best of my knowledge.

Date:

Place: Dhule.



Shahid Ali Ishtiyaque Ahmed