

CURRICULUM VITAE

Personal:

Name: **Zunaid Ahmed**
Permanent Address: A.T. Road, Natun Bazaar,
Itachali, Nagaon 782 003
Assam.
Phone: +919435068590 (M)
Email: zunaid1503@gmail.com
Date of Birth: 15-03-1970



Educational Qualification:

<u>Course</u>	<u>Examination</u>	<u>School/College/Board</u>	<u>Year</u>	<u>Percentage</u>
Post-Graduation	M.E. (Mech.) (Thermal & Fluid)	Assam Engineering College, Guwahati, Gauhati University	2012	80.3% (Honors)
Graduation	B.E. (Mech.)	Assam Engineering College, Guwahati, Gauhati University	1992	73.8% (Honors)
10 plus 2	I.S.C.	Mount Hermon School, Darjeeling, C.I.S.C.E, New Delhi	1988	72.8%
Matriculation	I.C.S.E.	Mount Hermon School, Darjeeling, C.I.S.C.E, New Delhi	1986	60%

Experience:

<u>Company/Institution</u>	<u>Position Held</u>	<u>Nature of Work</u>	<u>Period</u>	
Academic Experience:				
Nowgong Polytechnic, Nagaon, Assam	Guest Lecturer	Academics	Jun'2004 to Jun'2009	5 yrs.
The Assam Royal Global University, Betkuchi, Guwahati- 35 Royal School of Engineering & Technology,	Assistant Professor Department of Mechanical Engineering	Academics	July'2009 till date	14 yrs. +

Administrative Experience				
The Assam Royal Global University, Betkuchi, Guwahati- 35	Assistant Controller of Examinations	Examination related works	Jan'2023 till date	1.0 yrs
	Examination Cell Committee member	Examination related works	Aug'2019 to Dec'2022	3.5 yrs
	Head of Department (in charge)	Departmental Administration	Jan'2010 to Jun'2013 & Jul'2015 to Jun'2018	6.5 yrs.
Industrial Experience: 8 years				
Singlo (India) Tea Co. Ltd, Sibsagar	Asst. Manager (Factory)	Process Management Maintenance	June'1999 to Jan'2003	
Sanghi Textile Ltd. (PaperMill Division) Joghghopa, Bongaigoan	Asst. Engineer	Paper Machine Department Maintenance	Nov'1996 to May'1998	
Gammon India Ltd. TTF, Tezpur	Jr. Engineer (Plant)	Maintenance of plant & equipment at site and workshop Design and Fabrication	Nov'1995 to Oct'1996	
Chapanalla Tea Estate, Nagaon	Asst. Manager (Factory)	Process Management Maintenance	Jan'1994 to Oct'1995	
Others				
CAD Centre, Nowgong Polytechnics	Coordinator & Faculty	Imparting Training in AutoCAD application to Mechanical & Civil Engineering Students	June'2004 to June'2009	

Soft Skills: Office automation, MSOffice (Word, Excel & Access), VBA programming, AutoCAD, CATIA, EES, RefPROP

Papers Presented/Published:

1. Zunaid Ahmed, "Performance Analysis of a Combined Dual-Stage Waste Heat Recovery System Integrated to an Internal Combustion Engine ", International Journal for Research in Applied Science and Engineering Technology (IJRASET), Volume 9, Issue 1, Jan 2021, Page No: 838-845, ISSN : 2321-9653.
2. Z.Ahmed and D.K.Mahanta, "Thermodynamic Analysis Of An Organic Rankine Cycle Based Waste Heat Recovery System In Cement Plant", International Journal of Scientific & Technology Research (IJSTR), Volume 8, Issue 11, November 2019, pp.769-772, ISSN 2277-8616
3. Z.Ahmed and D.K.Mahanta, "Thermodynamics Analysis of a Hybrid Solar-Biomass Power Generation System", International Conference on Renewable & Alternate Energy (ICRAE-2018), Assam Science and Technology University (ASTU), Guwahati, Assam, India, December 04-06, 2018, published in American Institute of Physics (AIP) Conference Proceedings 2091, 020003 pp. 1-6 (2019)
4. Kaustav Bharadwaz, Debashish Barman, Debottam Bhowmik and Zunaid Ahmed, "Design, Fabrication and performance evaluation of an Indirect Solar Dryer for drying agricultural products", International Research Journal of Engineering and Technology (IRJET), Volume: 04 Issue: 07, July -2017, pp.1684-1692.
5. Z.Ahmed and D.K.Mahanta, "Thermodynamic Analysis of Combined ORC-VCR Powered by Waste Energy from Diesel Engine", International Journal of Science and Research (IJSR), ISSN (Online): 2319-7064, Vol.6 Issue 6, June 2017, pp. 2619-23
6. Z.Ahmed, "Performance analysis of Organic Rankine Cycle based Solar Thermal Power Plant using different working fluids", National Conference, ETIE 2016, 8-9 April 2016, RSET, Guwahati, ISBN:978-93-83588-12-1, pp. 88-91
7. Z.Ahmed and D.K.Mahanta, "Optimizaton of an Organic Rankine cycle in energy recovery from Exhaust of a Diesel Engine", International Journal of Mechanical Engineering and Technology (IJMET), Volume 5, Issue 12, December (2014), pp. 97-109
8. Z.Ahmed and D.K.Mahanta, "Exergy Analysis of a Compression Ignition Engine", International Journal of Mechanical Engineering and Technology (IJMET), Volume 3, Issue 2, May-August (2012), pp. 633-642
9. Z.Ahmed and P.C.Baruah, "Scope of Recycling of Waste in Different Sectors", Seminar on Creating Awareness about the Environment Responsibilities of Industries and the scope of Recycling Waste, Sept. 28, 1992, Assam Engineering College, Jalukbari, Assam

Seminars/Workshops/Training Courses Attended:

1. Four-Weeks online course, "Excel/VBA for Creative Problem Solving, Part 2", University of Colorado, Coursera, May 3, 2021
2. Four-Weeks online course, "Excel/VBA for Creative Problem Solving, Part 1", University of Colorado, Coursera, September 1, 2020
3. Online FDP, "Recent Advances in Renewable Energy & Energy Efficiency Technologies", Department of Mechanical Engineering, Mahatma Gandhi Institute of Technology, July 21 – 25, 2020
4. e-FDP, "Emerging Prospects of STEM Education in Engineering and Technology", RSET, Assam Royal Global University, July 21 – 25, 2020

5. Six-weeks online course, "Fluid Power", University of Minnesota, July 17, 2020
6. e-FDP cum Training Workshop, "Environment, Water and Disaster Risk Reduction", Sharda University & Natural Institute of Disaster Management, July 13 – 17, 2020
7. Online STTP on "Earthquake Risk Mitigation", National Institute of Disaster Management & North Eastern Hill University, July 08 – 10, 2020
8. Online STTP on "Recent Advances in Mechanical Engineering: A Research Perspective", Dept. of Mechanical Engineering (Mechatronics), MGIT, Hyderabad, July 06 – 10, 2020
9. Online STTP on "Green Building, Energy Efficiency and Energy Policy for Sustainable Future", Assam Science and Technology University, June 08 – 13, 2020
10. Online Workshop on "Online Examination Reforms Training Workshop", All India Council for Technical Education (AICTE) and KLE Technological University, Hubballi, April 15 – 18, 2020
11. Online Live FDP, "Introduction to Fusion 360", ICT Academy, April 30 – May 06, 2020
12. Faculty Development Programme on "Recent Trends in Energy Sector (with special emphasis on North-East)", Royal School of Engineering & Technology, June 18-23, 2018
13. Seminar on "Impact of Unplanned Construction Activities in Urban Areas with Special Reference to Guwahati", Royal Group of institutions, Guwahati, Assam, 24th November 2015
14. Workshop on "Virtual Labs" – Sakshat, I.I.T, Guwahati, September 21, 2015
15. Short term course on "Introduction to Numerical Computation and Experimental Mechanics (INCEM 2014)" – Assam Engineering College, Guwahati, December 9-13, 2014
16. Short term course on "Fluid Power Systems" – National Institute of Technical Teacher Training and Research (NITTTR), Kolkata, Extension Centre Guwahati, November 24-28, 2014
17. Seminar on "Frontiers in Nanotechnology" – Royal Group of Institutions, November 16, 2013
18. National Conference on "Pure and Applied Mathematics", Royal Group of Institutions, May 9-10, 2013
19. National Workshop on "Use and Deployment of NPTEL" - I.I.T. Guwahati, April 29-30, 2013
20. Regional Seminar cum Workshop on "Pedagogy" - I.I.T., Kharagpur, April 4, 2013
21. Regional Workshop on "IPR Awareness in E & IT in the North East Region" - The Institute of Engineers (I), Assam State Centre, Guwahati, March 18 – 19, 2013
22. Seminar on "Information Security and Cyber Crime" - Gyan Sagar Foundation Group of Institutions, Guwahati, March 2, 2013
23. International Workshop on "Wind Disaster Problems – Challenges Ahead" – Gyan Sagar Foundation Group of Institutions, Guwahati, February 21-22, 2013
24. "Internal Quality Auditor Training" - ABS Groups Inc., October 11 – 13, 2000

Educational Programmes Arranged:

2-day workshop on "Manufacturing Practices, Testing & Quality Control for Plastic Products & Polymeric Materials, 2018

Awards Received:

1. "Best Faculty" Award – Royal School of Engineering & Technology, 2009-10
2. "Best Faculty" Award – Royal School of Engineering & Technology, 2013-14

Zunaid Ahmed*Dated: May 09, 2024*