



AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

Nizara Educational Campus, Muthapudupet, Avadi IAF, Chennai – 600 055.

Ph: 044 – 26842627 / 26842086

DEPARTMENT OF INFORMATION TECHNOLOGY

NAME & INITIALS	Dr. ANJAN KUMAR SAHU	
DESIGNATION	ASSISTANT PROFESSOR	
EDUCATIONAL QUALIFICATION	Ph.D.	
EXPERIENCE	16.7 YEARS	
DATE OF JOINING	09.08.2004	
EMAIL ID	anjan_sahu@yahoo.co.in	
AREA OF SPECIALISATION	REFRIGERATION AND THERMAL SCIENCES	

EDUCATIONAL QUALIFICATION

DEGREE	BRANCH / SPECIALIZATION	INSTITUTION	UNIVERSITY	YEAR
Ph.D	REFRIGERATION	UNIVERSITY COLLEGE OF ENGINEERING, BURLA, SAMBALPUR, ODISHA.	SAMBALPUR UNIVERSITY, ODISHA.	2018
M.Tech	THERMAL SCIENCES	NATIONAL INSTITUTE OF TECHNOLOGY, CALICUT, KERALA.	NIT CALICUT, KERALA	2003
A.M.I.E.	MECHANICAL ENGINEERING	GIE, ST THOMAS MOUNT, CHENNAI.	INSTITUTION OF ENGINEERS INDIA, CALCUTTA, WEST BENGAL.	1997
B.Sc	CHEMISTRY	GOVERNMENT COLLEGE ANGUL, ODISHA.	UTKAL UNIVERSITY, ODISHA.	1990
HSC	SCIENCE	GOVERNMENT COLLEGE ANGUL, ODISHA.	COUNCIL OF HIGHER SECONDARY EDUCATION (CHSE) ODISHA.	1987
SSLC	MATHEMATICS AND SCIENCE	SARANGA DHAR HIGH SCHOOL, KAMAKHYA NAGAR, ODISHA.	BOARD OF SECONDARY EDUCATION (BSE) ODISHA.	1985

PROFESSIONAL MEMBERSHIPS

ASSOCIATE MEMBER OF INSTITUTION OF ENGINEERS (INDIA), MEMBERSHIP NUMBER-AM-095789-8.

INTERNATIONAL ASSOCIATION OF ENGINEERS (IAENG), MEMBERSHIP NUMBER-242820

INSTITUTE OF RESEARCH ENGINEERS AND DOCTORS (IRED), MEMBERSHIP NUMBER-SNM-10100059726

FDP ATTENDED

Participated one week short term training program (**STTP**) “**Advances and Practices in Heating, Ventilation, Air-Conditioning and Refrigeration**” organized by Department of Mechanical Engineering, Dr. Babasaheb Amedkar Technological University, Lonere, Raigad, Maharashtra under aegis of Technical Education Quality Improvement Program (**TEQIP-II**) January 8-12, 2013.

Participated in the faculty development program (**FDP**) “**Engineering Graphics**” at Aalim Muhammed Salegh College of Engineering, Avadi-IAF, Chennai, Tamilnadu on 1st and 2nd July 2013.

Participated in the faculty development program (**FDP**) “**Effective classroom Interaction**” at Aalim Muhammed Salegh College of Engineering, Avadi-IAF, Chennai, Tamilnadu on 9th August 2008.

WORKSHOPS ATTENDED

Participated in Two Days **National Level Workshop** on “**Recent Trends in Automobile Engineering**” on 19th & 20th July 2019 at Prathyusha Engineering College, Poonamallee-Tiruvallur Road, Tiruvallur, Tamilnadu – 602025.

Attended one day Training Program on “**Quality Management System for Automotive Industry – TS 16949-2009**” conducted at VIT University on 27th September 2010.

SEMINARS ATTENDED

Attended Seminar “International Intellectual Convergence on Advances in Sciences and Engineering (**IIASE**)” at Aalim Muhammed Saalegh College of Engineering Chennai, India, March 3-4, 2017.

PUBLICATION DETAILS

Anjan Kumar Sahu, Neeraj Agrawal, Prasant Nanda, “A parametric study of transcritical CO₂ simple cooling cycle and combined power cycle”, Int. J. of low Carbon Technologies, vol.12, no.4, 1 December 2017, pp.383-391.

Anjan Kumar Sahu, Neeraj Agrawal, Prasant Nanda. “Thermodynamic studies of transcritical CO₂ and N₂O combined power refrigeration cycles”, Indian. J. of Science and Technology”, vol.10, no.28, July 2017. pp.1-9.

Prasant Nanda, **Anjan Kumar Sahu**, Neeraj Agrawal, “A Comparative Performance study of Combined Cooling Heating and Power Transcritical CO₂ and N₂O Cycles, Int. J. of Emerging Tech. and Adv. Engineering, vol.7, no.8, August 2017, pp. 414-422.

Anjan Kumar Sahu, Prasant Nanda, “ A Thermodynamic Performance Study of Simple Cooling and Combined Power Transcritical N₂O cycles, Int. J. for Research in Engineering Application & Management , vol.4, no.3, June 2018, pp. 408-415.

CONFERENCE DETAILS

Anjan Kumar Sahu, Neeraj Agrawal, Prasant Nanda, Mohd. F. Shabir. “A comparative thermodynamic study of transcritical CO₂ and N₂O simple cooling cycles” International Intellectual Convergence on Advances in Sciences and Engineering (**IIASE**), Chennai, India, March 3-4, 2017.

Anjan Kumar Sahu, M. Mohamed Yasir, M. Mohamed Marshath, F. Mohammed Fahad and Safat Ahamed “Generation of Drinking Water from Humid Atmospheric Air in Coastal Region”

Student Projects Scheme Seminar Cum Exhibition **(2018-2019) proceedings**, Tamil Nadu State Council for Science and Technology **(TNSCST)**, Chennai.

ACHIEVEMENT DETAILS

Qualified **GATE** in Mechanical Engineering with Score **90.10**.in the year 2001.