

Name: Anirban Saha

Designation: Assistant Professor

Institute: Assam Engineering College

Department: Mechanical Engineering

Date of birth: 20-09-1991

Mobile: (+91)9954624484

E-mail ID: searchanir@gmail.com, anirban.mech@aec.ac.in

Educational Qualifications:

Degree	Year	University/Institute	Class	Branch/ Specialization
B.E.	2014	Jorhat Engineering College	1 st	Mechanical Engineering
M.Tech.	2017	IIT Guwahati	1 st	Computer Assisted Manufacturing

Professional Experience:

Designation	Organization	From	To
Assistant Professor	Assam Engineering College	21-07-2025	Present
Assistant Professor (Contractual)	Assam Engineering College	29-12-2017	22-05-2025

Publications:

Book Chapter

1. Kutum R., Singh P., **Saha A.** (2021) Comparative Study of Jute Fiber and PET Fiber-Reinforced Concrete. In: Bora P.K., Nandi S., Laskar S. (eds) Emerging Technologies for Smart Cities. Lecture Notes in Electrical Engineering, vol 765. Springer, Singapore. https://doi.org/10.1007/978-981-16-1550-4_16
2. Kutum R., Singh P., **Saha A.** (2021) Experimental Study on Recycled Polyethylene Terephthalate (PET) Bottle Fibre Reinforced Concrete. In: Kalamdhad A.S. (eds) Integrated Approaches Towards Solid Waste Management. Springer, Cham. https://doi.org/10.1007/978-3-030-70463-6_9

Member of Organizing Committee of FDP/Seminar/Conference/Workshop:

1. One week Faculty Development Program (FDP) on Quality and Quality Engineering from 3rd –7th December, 2019
2. One week Faculty Development Program (FDP) on Project Management from 3rd –7th February, 2020

3. 2 days workshop on Introduction to Bio Mechanics from 26th - 27th September 2019
4. Four days MATLAB Hands on Workshop from 3–6 April, 2018
5. One day Seminar on ‘Environment, Air Pollution and Noise’ on 23.02.2018
6. One day Seminar on ‘Creativity in Design and Innovation at the Grassroot Level’ on 17.02.2018

Post Graduate Thesis Guided:

1. Effects of PET, HDPE and Jute Fibers as Coarse aggregate on the Concrete blocks.

Interaction with Outside World:

Academic

1. External Examiner for Manufacturing Practical Workshop at Girijananda Chowdhury University, Assam
2. External Examiner for Mechanical Measurement and Instrumentation Practical Examination at GIMT, Azara.
3. Organizing member of Industry visit for students at Brahmaputra Automobile, Bamunimaidan, Guwahati
4. Organizing member of Industry visit for students at Karbi Langpi Hydro Electric Project.
5. Organizing member of Industry visit for students at Nezone Tubes, Byrnihat.

Non Academic

1. Presiding Officer in Gaon Panchayat Election of Assam
2. EVMC Officer for 35- New Guwahati LAC in Lok Shabha Elections, 2024.
3. Officer for verification of Presiding Officer’s diary for 35- New Guwahati LAC in Lok Shabha Elections, 2024.

Short Term Course (STC)/ FDP attended:

Serial No	Title of the Course	Organizer	Course Duration
1	FDP on ‘Quality and Quality Control’	Department of Mechanical Engineering, Assam Engineering College	One week
2	FDP on ‘Outcome Based Education’	Department of Electrical Engineering, Assam Engineering College	Five Days
3	FDP on ‘Sensitization towards UHV for Effective Teaching Learning Process’	Department of Computer Applications, Assam Engineering College	One week
4	Faculty Development Program on 3D Printing	Department of Mechanical and Industrial & Production	One week

		Engineering, Assam Engineering College.	
5	Faculty Development Program on Quality and Quality Engineering	Department of Mechanical and Industrial & Production Engineering, Assam Engineering College.	One week
6	Faculty Development Programme on “Advances in Mechanical Engineering”	ASTU In Association with Department of Mechanical Engineering GIMT, Guwahati	One week
7	Faculty Development Programme on “Manufacturing automation”	NPTEL-AICTE	Four week
8	Faculty Development Programme on Recent Trends in green Energy Utilization	Department of Mechanical and Industrial & Production Engineering, Assam Engineering College.	One week
9	Faculty Development Programme on Project Management	Department of Mechanical and Industrial & Production Engineering, Assam Engineering	One week
10	Course on Digital Transformation in Teaching Learning Process	TEQIP III, NPIU	Two week
11	Training programme on “Advanced Pedagogy& Digital Tool for TEQIP Faculty Members”	IIT Kharagpur	One Week
12	Short Term Course on “Mechanics Of Composites For Engineering Applications”	Department of Mechanical Engineering, IIT Guwahati	One week
13	Faculty development programme on “Recent Advancement in Welding and Allied Processes	AEC, Guwahati and PSG College of Technology, Coimbatore.	Two weeks
14	FDP on “Manufacturing of Composites”	NPTEL-AICTE	One week
15	GYAN course on ‘Advances in Ultra-precision Machining Processes’	IIT Guwahati	Two weeks

Conference/Workshop/Seminar attended:

Serial No	Title	Organizer	Duration
1	Workshop on Standardization	Department of Mechanical Engineering, Assam Engineering College	One day
2	Training on 'ECBC Rules and Compliance Procedure'	Assam State Designated Agency in association with Department of Mechanical Engineering, Assam Engineering College	Two days
3	Faculty Induction workshop	IIT Kharagpur	One week
4	Sensitization Workshop on "Collaborative Research Scheme (CRS)"	DUIET, Dibrugarh University & SPIU-NE.	. One day
5	Seminar on Creativity in Design and Innovation at the Grass Root Level	Department of Mechanical and Industrial & Production Engineering, Assam Engineering College	One day
6	Seminar on Environment, Air Pollution and Noise	Department of Mechanical and Industrial & Production Engineering, Assam Engineering College	One day