

About the Institute

Assam Engineering College (AEC) is the pioneer of engineering education of the North East India. It was established at Jalukbari in 1955, amidst the scenic beauty of Ramsar site Deepor Beel, about 14km from the metro city of Guwahati and about 13km from the LGB International airport. AEC is an abode of learning in its 400 acre campus, bustling with academic and extra-curricular activities. Although the summer is relatively hot and humid, unpolluted atmosphere and mild breeze fetch solace to life.

Department of Mechanical Engineering and Industrial & Production Engineering

Mechanical (and Industrial & Production) Engineering Departments of AEC, Jalukbari are offering techno-managerial education under the aegis of State Technical Education, Government of Assam. It was the result of far-sighted realization of the past leaders to develop technical manpower of the north east India. As such the Mechanical Engineering Department came into existence in 1957 which was followed by the development of I. P. Engineering Department in 1998. Since then, time has remained as the silent spectator for the relentless service provided by it to the country and other parts of the globe, despite many ups and downs in its stride. The department feels proud that many of its alumni are bringing laurels to the state of Assam, not only in engineering but also in other fields as well.

About the FDP

Welding is one of the oldest fabrication technologies for joining metals and non-metals that require professional expertise. It has proved itself as inevitable in many industrial applications such as automobile, ship building, aeronautical, pipe lines, various rigid structures, home appliances etc. As welding results from the melting & coalescence of the parent materials, therefore, many issues like heat source, compatibility of materials, filler material, metallurgical changes, testing for quality of welded joints etc. result during its application. Keeping in view the vastness of the technology and complexity of the processes, several national and international standards have resulted to ensure failure-safe practice of the trade. During the recent past, a number of advanced techniques have evolved for high efficiency, productivity and for minimizing undesirable metallurgical changes. Also at the moment, welding automation and application of artificial intelligence are some of the key issues of the industry and the academia.

Under the circumstances, the present course attempts to throw some light on the fundamentals of welding and allied processes, their advancements for overcoming limitations of the conventional processes, testing & certification, industrial applications/problems and scope for academic research.



**TEQIP-III
Sponsored
Two weeks
FACULTY
DEVELOPMENT
PROGRAMME**



RECENT ADVANCEMENT IN WELDING AND ALLIED PROCESSES

13th to 24th August, 2018

**Organized by
DEPARTMENT OF MECHANICAL ENGINEERING
AND
INDUSTRIAL & PRODUCTION ENGINEERING
ASSAM ENGINEERING COLLEGE, GUWAHATI**

**In association with
PSG COLLEGE OF TECHNOLOGY, COIMBATORE**

**Coordinator
Prof. R.K. Dutta**



Registration form

Name:

Mobile Number:

Email ID:

Designation:

Department:

College Name:

Address & Phone
Number

Signature & Date
Head of the Department/Institution

Signature of Applicant

Name & Seal:

Experts on the dice

❖ AEC, Guwahati

Prof. Jayanta Pathak

Professor
Department of Civil Engg.

Dr. Farhana Parveen

Associate Professor
Department of Humanities

Experts on the dice

❖ IIT Guwahati, Guwahati

Prof. U.S. Dixit

Professor
Department of Mechanical
Engineering

Dr. P Biswas

Associate Professor
Department of Mechanical
Engineering

Dr. S Bag

Associate Professor
Department of Mechanical
Engineering

Dr. S Pal

Associate Professor
Department of Mechanical
Engineering

❖ NIT Silchar, Assam

Dr. B Das

Assistant Professor
Department of Mechanical Engineering

❖ PSG College of Technology, Coimbatore

Dr. K Asokkumar

AGM & Deputy Head
Centre of excellence in Welding
Engg. & Technology

Dr. J Krishnamoorthi

Assistant Professor & HOD I/C
Department of Metallurgical
Engineering.

Dr. J Anburaj

Assistant Professor
Department of Metallurgical
Engineering

Dr. R Sivasankari

Assistant Professor
Department of Metallurgical
Engineering

❖ Industry

Mr. K Saha

ADOR Welding Limited, Mumbai



Venue:

ASSAM ENGINEERING COLLEGE, GUWAHATI
Department of Mechanical Engineering
and Industrial & Production Engineering,
AEC Road, Jalukbari, Guwahati, 781013

Reporting Time: 8 A.M, 13-08-2018

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Registration fee

Faculty and Research Scholars: 1000/-

No fee for Faculties of AEC

Online Registration Deadline : **10-08-2018**

RegistrationLink: <https://goo.gl/r5zf6K>

On Spot Registration Subjected to the availability

Note: Participants can pay the fee in the form of Cash /DD issued in the favour of "Principal, Assam Engineering College" on 13th August at Registration Desk.