



# ASANSOL ENGINEERING COLLEGE

Vivekananda Sarani, Kanyapur, Asansol, West Bengal 713305

**Affiliation: Maulana Abul Kalam Azad University of Technology, West Bengal**  
(Formerly Known as West Bengal University of Technology)

Approved by AICTE

## Department of Applied Electronics & Instrumentation Engineering

### FACULTY/ACADEMICIANS FEEDBACK FORM ON CURRICULUM Academic Year:

Sir/Ma'am,

This questionnaire is intended to collect information regarding various aspects of the curriculum for **B.Tech in Applied Electronics & Instrumentation Engineering**. The information provided by you will be used as important feedback for improvement of the programme. Please answer the following questions on the scale of 1 to 4, where 1 indicates Disagree and 4 indicates strongly agree.

This report will be kept confidential.

<b>Name:</b>		
<b>Branch:</b>		
<b>Present Employer:</b>		
<b>Designation:</b>		<b>Total Experience:</b>
<b>Mailing Address:</b>		
<b>Vill./City:</b>	<b>State:</b>	<b>Pin code:</b>
<b>Contact No.:</b>	<b>Email:</b>	

### Programme Educational Objectives (PEOs)

**PEO-I:** Be able to establish them as practicing professionals through effective communication and skillful management of resources as team members and should be able to demonstrate their ability to work as leaders of their profession at their workplaces.

**PEO-II:** Be receptive to new advanced technologies and attain professional competence through lifelong learning such as higher studies, registration with professional bodies, publications and other professional activities.

**PEO-III:** Contribute to the needs of the society in solving real time technical problems using engineering principles, tools and practices and develop their problem-solving skills.

**PEO-IV:** Employment or Entrepreneurship in the field of instrumentation engineering or other allied disciplines in various capacities of government or private organizations of repute.

### Program Outcomes (POs)

**Engineering Graduates will be able to:**

**i. Engineering knowledge:** Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

**ii. Problem analysis:** Identify, formulate, research literature and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.

**iii. Design/Development of Solutions:** Design solutions for complex engineering problems and design system components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal and environmental considerations.

**iv. Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of information to provide valid conclusions.

**v. Modern tool usage:** Create, select and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

**vi. The Engineer and society:** Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice.

**vii. Environment and sustainability:** Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.

**viii. Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.

**ix. Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.

**x. Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions.

**xi. Project management and finance:** Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

**xii. Life-long learning:** Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

**Faculty/Academicians Feedback Form**

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat Agree (2)	Disagree (1)
1	The present curriculum is aligned with departmental mission.				
2	Employability is given importance in curriculum design and development.				
3	The curriculum developed to prepare students for competitive exams like GATE.				
4	The curriculum satisfies students need.				
5	The curriculum allows multidisciplinary growth of students.				
6	The curriculum is well organized.				

7	The curriculum focuses on design methodology, research and innovation.				
8	Faculties are given enough freedom to contribute ideas on curriculum design and development.				
9	The system followed by the department for the design and development of curriculum is effective.				
10	The curriculum has been updated from time to time.				
11	Options for choosing electives are adequate.				

**Suggestions/Revisions**

QN	Question	Yes	No	If 'YES' specify the content
1	Is it needed to add any content on curriculum?			
2	Is it needed to delete any content on curriculum?			

Syllabus is appended for your reference and is also available at [http://makautexam.net/new\\_syllabus.html](http://makautexam.net/new_syllabus.html)

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Signature of the Correspondent

\*\*\*\*\* *Thanks for your kind cooperation and support* \*\*\*\*\*