

540, Dum Dum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074

### **Department of Mechanical Engineering**

#### STUDENT FEEDBACK FORM ON CURRICULUM

#### **Academic Year:**

Dear Student,

This questionnaire is designed to gather information about various parts of the program for **B.Tech** in **Mechanical 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.

Name:					
Branch:					
Mailing	Mailing Address:				
Vill./C	ity:		State:	Pin code:	
Contac	t No.:		Email:		

#### **Programme Educational Objectives (PEOs):**

**PEO I:** To enhance the knowledge of the under graduates with fundamental Science of Engineering & Department & Dep

**PEO II:** To develop high level of technical competency combined with research and problem-solving skills to generate innovative solutions in Mechanical Engineering and/or related interdisciplinary areas.

**PEO III:** To expand capability of methodological approach for taking decision and designing.

**PEO IV:** To promote awareness towards socio-economic and energy related challenges and enhance professional as well as communication skill and perform as a team.



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### **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 com- munity 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.



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### **Student Feedback Form:**

QN	Question	Strongly	Agree (3)	Somewhat	Disagree
		Agree (4)		Agree (2)	(1)
1	How do you rate the sequence of the course in the current semester with the courses studied in the previous semester?				
2	How do you rate the syllabus of the course that you have studied about the competencies expected out of the course?				
3	How do you rate the relevance of the units in the syllabus relevant to the course?				
4	How do you rate the distribution of the contact hours among the course components (Learning-Tutorial-Practical)?				
5	How do you rate the offering of the electives in terms of their relevance to the specialization streams?				
6	How do you rate the electives offered about Technological advancements?				
7	How do you rate the relevance of the textbooks and reference books by their International recognition to the courses?				
8	How do you rate the domain used for designing the experiments for the LAB components?				
9	How do you rate the experiments about the real life Applications?				



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### **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?			

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### **Department of Automobile Engineering**

#### STUDENT FEEDBACK FORM ON CURRICULUM

#### **Academic Year:**

Dear Student,

This questionnaire is designed to gather information about various parts of the program for **B.Tech** in **Automobile 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.

Name:				
Branch:				
Mailing Address:				
Vill./City:	State:	Pin code:		
Contact No.:	Email:			

#### **Programme Educational Objectives (PEOs):**

**PEO1:** Graduates will be working as professionals in different Automobile Engineering sectors like design, operations, systems, and production.

**PEO2:** Graduates will be solving complex problems to innovate new solutions using modern tools with the ethical responsibility to meet society requirements.

**PEO3:** Graduates will be engaged in lifelong learning by doing higher studies, research and being members of professional societies.



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### **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 com- munity 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.
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### **Student Feedback Form:**

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		Agree (4)		Agree (2)	(1)
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7	How do you rate the relevance of the textbooks and reference books by their International recognition to the courses?				
8	How do you rate the domain used for designing the experiments for the LAB components?				
9	How do you rate the experiments about the real-life Applications?				



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### **Suggestions/Revisions:**

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

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#### **Department of Civil Engineering**

#### STUDENT FEEDBACK FORM ON CURRICULUM

#### Academic Year:

Dear Student,

This questionnaire is designed to gather information about various parts of the program for **B.Tech** in **Civil 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.

Name:				
Branch:				
Mailing Address:				
Vill./City:	State:	Pin code:		
Contact No.:	Email:			

#### **Programme Educational Objectives (PEOs):**

- **PEO I:** Graduates of Civil Engineering department shall become successful in their professional through strong foundation in core principles and ability of analyzing and solving complex engineering problem in real life.
- **PEO II:** Graduates will excel in the field of higher studies through lifelong learning.
- **PEO III:** Graduates will excel in effective communication, teamwork, and leadership, enabling them to work collaboratively in multidisciplinary settings and take on leadership roles within their organizations.

### **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.



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- 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.
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- 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 com- munity 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.
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### **Student Feedback Form:**

QN	Question	Strongly	Agree (3)	Somewhat	Disagree
		Agree (4)		Agree (2)	(1)
1	How do you rate the sequence of the course in the current semester with the courses studied in the previous semester?				
2	How do you rate the syllabus of the course that you have studied about the competencies expected out of the course?				
3	How do you rate the relevance of the units in the syllabus relevant to the course?				
4	How do you rate the distribution of the contact hours among the course components (Learning-Tutorial-Practical)?				
5	How do you rate the offering of the electives in terms of their relevance to the specialization streams?				
6	How do you rate the electives offered about Technological advancements?				
7	How do you rate the relevance of the textbooks and reference books by their International recognition to the courses?				
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9	How do you rate the experiments about the real life Applications?				



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### **Suggestions/Revisions:**

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

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	Signature of the Student
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Thank you for your va	luable feedback



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## Department of Electronics and Communication Engineering STUDENT FEEDBACK FORM ON CURRICULUM

#### **Academic Year:**

Dear Student,

This questionnaire is designed to gather information about various parts of the program for **B.Tech** in **Electronics and Communication 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.

Name:		
Branch:		
Mailing Address:		
Vill./City:	State:	Pin code:
Contact No.:	Email:	

#### **Programme Educational Objectives (PEOs):**

**PEO1:** Knowledge of Basic Engineering Sciences: To demonstrate professional accomplishment in industry and academic organizations by demonstrating competence in mathematics, engineering fundamentals, electronics and communication engineering, and related subjects.

**PEO2: Engineering Design Skills:** To provide the students with the required problem-solving abilities for general engineering design practice.

**PEO3: Problem Solving Ability:** To develop engineering graduates who can solve problems and go onto advanced study and research in various fields.

**PEO4: Programming Skills:** Exercising the computer programming skills in writing, testing and maintaining the programs for transforming every student to find employment in the field of Electronics, Science & Electronics, Science



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**PEO5: Technical Dexterity:** To provide the knowledge of designing, building, and testing electronics systems for given specifications using hardware and software techniques in contemporary research and current industry trends.

**PEO6: Professional Competence:** To implant professional and ethical mindset, strong communication skills, teamwork skills, leadership traits, management abilities in the students for a successful professional career and societal needs.

### **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.
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- 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.
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- **x. Communication:** Communicate effectively on complex engineering activities with the engineering com- munity 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.
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### **Student Feedback Form:**

QN	Question	Strongly	Agree (3)	Somewhat	Disagree
		Agree (4)		Agree (2)	(1)
1	How do you rate the sequence of the course in the current semester with the courses studied in the previous semester?				
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### **Suggestions/Revisions:**

QN	Question	Yes	No	If 'YES' specify the content
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MAKAUT Curriculur	n Link: <u>https://</u>	<u>/makautexan</u>	n.net/aicte_d	etails/aicteugdetails.html
				Signature of the Student
	Thank you	for your val	uable feedba	ck



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### **Department of Electrical Engineering**

#### STUDENT FEEDBACK FORM ON CURRICULUM

#### **Academic Year:**

Dear Student,

This questionnaire is designed to gather information about various parts of the program for **B.Tech** in **Electrical 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.

Name:				
Branch:				
Mailing Add	lress:			
Vill./City:			State:	Pin code:
Contact No.:		F	Email:	

#### **Programme Educational Objectives (PEOs):**

- **PEO I:** Graduates will possess expertise in problem analysis, solving, designing, skills and necessary information for a successful career in the field of Electrical Engineering.
- **PEO II:** Graduates will accomplish practical acquaintance in modern designing tools, technologies and Engineering software in Electrical Engineering.
- **PEO III:** Graduates will be outstanding in communication, teamwork and multidisciplinary approach related to engineering issues in social context.
- **PEO IV:** Graduates will excel in competitive environment towards leadership and life-long learning which is needed for a successful professional career.

#### Program Outcomes (POs): Engineering Graduates will be able to:



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

QN	Question	Strongly	Agree (3)	Somewhat	Disagree
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### **Suggestions/Revisions:**

QN	Question	Yes	No	If 'YES' specify the content
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					Signature	of the Student
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### **Department of Electrical Engineering**

### ALUMNI FEEDBACK FORM ON CURRICULUM Academic Year:

#### Dear Alumni,

This questionnaire is designed to gather information about different parts of the B. Tech. program in Automobile Engineering. The information you submit will be used as valuable input to enhance the program. Please respond to the following questions on a scale of 1 to 4, with 1 representing disagree and 4 representing strong agreement. This report will be kept confidential.

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

### **Program Educational Objectives (PEOs)**

PEO1: Graduates will possess expertise in problem analysis, solving, designing, skills and necessary information for a successful career in the field of Electrical Engineering.

PEO2: Graduates will accomplish practical acquaintance in modern designing tools, technologies and Engineering software in Electrical Engineering.

PEO3: Graduates will be outstanding in communication, teamwork and multidisciplinary approaches related to engineering issues in a social context.

PEO4: Graduates will excel in a competitive environment towards leadership and life-long learning which is needed for a successful professional career.

#### **Program Outcomes (POs)** Engineering Graduates will be able to:

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



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- 2. **Problem analysis:** Identify, formulate, research literature and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
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### **Alumni Feedback Form:**

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat Agree (2)	Disagree (1)
1	The present curriculum is aligned with departmental mission				
2	The curriculum developed to prepare students for competitive exams like GATE				
3	The curriculum satisfies students need				
4	Employability is given importance in curriculum design and development				
5	Options for choosing electives are adequate				
6	The curriculum allows multidisciplinary growth of students				
7	The curriculum focuses on design methodology, research and innovation				

### **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 <a href="http://makautexam.net/newsyllabus.html">http://makautexam.net/newsyllabus.html</a>



540, Dum Dum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074	
****** Thanks for your valuable Feedback ******	



Engineering College
Engineering College 540, Dum Dum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074



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### **Department of Mechanical Engineering**

## ALUMNI FEEDBACK FORM ON CURRICULUM Academic Year:

Dear Alumni,

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

#### **Program Educational Objectives (PEOs)**

**PEO I:** To enhance the knowledge of the graduates with fundamental Science of Engineering & Enginee

**PEO II:** To develop a high level of technical competency combined with research and problem-solving skills to generate innovative solutions in Mechanical Engineering and/or related interdisciplinary areas.

**PEO III:** To expand the capability of a methodological approach for making decisions and designing.

**PEO IV:** To promote awareness towards socio-economic and energy-related challenges and enhance professional as well as communication skills and perform as a team

### **Program Outcomes (POs)**

**Engineering Graduates will be able to:** 

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



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- 2. **Problem analysis:** Identify, formulate, research literature and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- **3. 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.
- **4. 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.
- **5. 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.
- **6. 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.
- **7. Environment and sustainability:** Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.
- **8. Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
- **9. Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.
- **10.** Communication: Communicate effectively on complex engineering activities with the engineering com- munity 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.
- 11. 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.
- **12. 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.



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### **Alumni Feedback Form:**

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat Agree (2)	Disagree (1)
1	The present curriculum is aligned with departmental mission				
2	The curriculum developed to prepare students for competitive exams like GATE				
3	The curriculum satisfies students need				
4	Employability is given importance in curriculum design and development				
5	Options for choosing electives are adequate				
6	The curriculum allows multidisciplinary growth of students				
7	The curriculum focuses on design methodology, research and innovation				

### **Suggestions/Revisions:**

QΝ	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 <a href="http://makautexam.net/newsyllabus.html">http://makautexam.net/newsyllabus.html</a>



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****** Thanks for your valuable Feedback ******



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540, Dum Dum Road, Surer Math (Near Dum Dum Jn. Station),

#### **Department of Automobile Engineering**

## ALUMNI FEEDBACK FORM ON CURRICULUM Academic Year:

#### Dear Alumni,

This questionnaire is designed to gather information about different parts of the B. Tech. program in Automobile Engineering. The information you submit will be used as valuable input to enhance the program. Please respond to the following questions on a scale of 1 to 4, with 1 representing disagree and 4 representing strong agreement. This report will be kept confidential.

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

#### **Program Educational Objectives (PEOs)**

**PEO I:** Graduates will be working as professionals in different Automobile Engineering sectors like design, operations, systems, and production.

**PEO II:** Graduates will be solving complex problems to innovate new solutions using modern tools with the ethical responsibility to meet society requirements.

**PEO III:** Graduates will be engaged in lifelong learning by doing higher studies, research and being members of professional societies.

#### **Program Outcomes (POs)**

**Engineering Graduates will be able to:** 

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



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- 2. **Problem analysis:** Identify, formulate, research literature and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- **3. 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.
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### **Alumni Feedback Form:**

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat Agree (2)	Disagree (1)
1	The present curriculum is aligned with departmental mission				
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5	Options for choosing electives are adequate				
6	The curriculum allows multidisciplinary growth of students				
7	The curriculum focuses on design methodology, research and innovation				

### **Suggestions/Revisions:**

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

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	Signature of the Correspondent
****** Thanks for your valuable Feedback *	*****



# **Dr. Sudhir Chandra Sur Degree**

Engineering College 540, Dum Dum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074	
Kolkata-700074	



540, Dum Dum Road, Surer Math (Near Dum Dum Jn. Station),

#### **Department of Civil Engineering**

### ALUMNI FEEDBACK FORM ON CURRICULUM Academic Year:

Dear Alumni,

This questionnaire is designed to gather information about different parts of the B. Tech. program in Automobile Engineering. The information you submit will be used as valuable input to enhance the program. Please respond to the following questions on a scale of 1 to 4, with 1 representing disagree and 4 representing strong agreement. This report will be kept confidential.

	<b>Total Experience:</b>	
State:		Pin code:
Email:		
	State: Email:	State:

### Program Educational Objectives (PEOs)

PEO I: Graduates of the Civil Engineering department shall become successful in their professional through a strong foundation in core principles and the ability to analyze and solve complex engineering problems in real life.

PEO II: Graduates will excel in the field of higher studies through lifelong learning.

PEO III: Graduates will excel in effective communication, teamwork, and leadership, enabling them to work collaboratively in multidisciplinary settings and take on leadership roles within their organizations.

### **Program Outcomes (POs)**

Engineering Graduates will be able to:

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



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- 2. **Problem analysis:** Identify, formulate, research literature and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- **3. 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.
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- 12. 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.



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### **Alumni Feedback Form:**

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat Agree (2)	Disagree (1)
1	The present curriculum is aligned with departmental mission				
2	The curriculum developed to prepare students for competitive exams like GATE				
3	The curriculum satisfies students need				
4	Employability is given importance in curriculum design and development				
5	Options for choosing electives are adequate				
6	The curriculum allows multidisciplinary growth of students				
7	The curriculum focuses on design methodology, research and innovation				

### **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?			

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		Signature of the Correspondent
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# **Dr. Sudhir Chandra Sur Degree**

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V	540, Dum Dum Road, Surer Math (Near Dum Dum Jn. Station),
Kolkata-700074	



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### **Department of Electronics and Communication Engineering**

### ALUMNI FEEDBACK FORM ON CURRICULUM Academic Year:

#### Dear Alumni,

This questionnaire is designed to gather information about different parts of the B. Tech. program in Automobile Engineering. The information you submit will be used as valuable input to enhance the program. Please respond to the following questions on a scale of 1 to 4, with 1 representing disagree and 4 representing strong agreement. This report will be kept confidential.

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

### **Program Educational Objectives (PEOs)**

**PEO1:** Knowledge of Basic Engineering Sciences: To demonstrate professional accomplishment in industry and academic organizations by demonstrating competence in mathematics, engineering fundamentals, electronics and communication engineering, and related subjects.

**PEO2: Engineering Design Skills:** To provide the students with the required problem-solving abilities for general engineering design practice.

**PEO3: Problem Solving Ability:** To develop engineering graduates who can solve problems and go onto advanced study and research in various fields.

**PEO4: Programming Skills:** Exercising the computer programming skills in writing, testing and maintaining the programs for transforming every student to find employment in the field of Electronics, Science & Electronics, Electr

**PEO5: Technical Dexterity:** To provide the knowledge of designing, building, and testing electronics systems for given specifications using hardware and software techniques in contemporary research and current industry trends.

**PEO6: Professional Competence:** To implant professional and ethical mindset, strong communication skills, teamwork skills, leadership traits, management abilities in the students for a successful professional career and societal needs.



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### **Program Outcomes (POs)**

### **Engineering Graduates will be able to:**

- **1. Engineering knowledge:** Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- 2. **Problem analysis:** Identify, formulate, research literature and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- **3. 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.
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- **7. Environment and sustainability:** Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.
- **8. Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
- **9. Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.
- **10.** 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.



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- **11. 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.
- **12. 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.

### **Alumni Feedback Form:**

QN	Question	Strongly Agree (4)	Agree (3)	Somewhat Agree (2)	Disagree (1)
1	The present curriculum is aligned with departmental mission				
2	The curriculum developed to prepare students for competitive exams like GATE				
3	The curriculum satisfies students need				
4	Employability is given importance in curriculum design and development				
5	Options for choosing electives are adequate				
6	The curriculum allows multidisciplinary growth of students				
7	The curriculum focuses on design methodology, research and innovation				

### **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?			

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**Signature of the Correspondent** 



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### **Department of Mechanical 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 Mechanical Engineering**. The information provided by you will be used as important feedback for improvement of the programmed. 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.

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

### **Programme Educational Objectives (PEOs)**

**PEO1:** To enhance the knowledge of the under graduates with fundamental Science of Engineering & Technical abilities.

**PEO2:** To develop high level of technical competency combined with research and problem-solving skills to generate innovative solutions in Mechanical Engineering and/or related interdisciplinary areas.

**PEO3:** To expand capability of methodological approach for taking decision and designing.

**PEO4:** To promote awareness towards socio-economic and energy related challenges and enhance professional as well as communication skill and perform as a team.

#### **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 analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.



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- 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.
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- **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.
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- 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 com- munity 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 (3)	Somewhat	Disagree
		Agree (4)		Agree (2)	(1)



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1	How do you rate the relevance of the courses in the		
	program?		
2	How do you rate the competence of the courses		
	related to the industry that are included in the		
	program?		
3	How do you rate the sequence of the units in the		
	syllabus?		
4	How do you rate the allocation of the credits and		
	contact hours (Lecture-Tutorial-Planning) to the		
	courses?		
5	How do you rate the offering of the electives about		
	technological advancements?		
6	How do you rate the courses which are skills related to		
	the industry included in the programs?		
7	How do you rate the applicability of the domains and		
	the tools used for designing the experiments in terms		
	of existing practices in the Industry?		
8	How do you rate the experiments in terms of their		
	relevance to the real-life application?		
9	Rate the courses in terms of extra learning of self-		
	learning considering the design of the courses.		
10	Rate the offering of the courses about the		
	specialization streams.		
11	Options for choosing electives are adequate.		 _
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### 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?			

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	Signature of the Correspondent
Thank you for your valuable feedba	ack



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### **Department of Automobile 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 Automobile Engineering**. The information provided by you will be used as important feedback for improvement of the programmed. 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.

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

### **Programme Educational Objectives (PEOs)**

**PEO I:** Graduates will be working as professionals in different Automobile Engineering sectors like design, operations, systems, and production.

**PEO II:** Graduates will be solving complex problems to innovate new solutions using modern tools with the ethical responsibility to meet society requirements.

**PEO III:** Graduates will be engaged in lifelong learning by doing higher studies, research and being members of professional societies.

#### **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 analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
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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.
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- 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



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QN	Question	Strongly	Agree (3)	Somewhat	Disagree
		Agree (4)		Agree (2)	(1)
1	How do you rate the relevance of the courses in the				
	program?				
2	How do you rate the competence of the courses				
	related to the industry that are included in the				
	program?				
3	How do you rate the sequence of the units in the				
	syllabus?				
4	How do you rate the allocation of the credits and				
	contact hours (Lecture-Tutorial-Planning) to the				
	courses?				
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	technological advancements?				
6	How do you rate the courses which are skills related to				
	the industry included in the programs?				
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### **Suggestions/Revisions**

QN	Question	Yes	No	If 'YES' specify the content
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	Signature of the Correspondent				
Thank you for your valuable feedback					



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### **Department of Civil 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 Civil Engineering**. The information provided by you will be used as important feedback for improvement of the programmed. 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.

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

### **Programme Educational Objectives (PEOs)**

- **PEO I:** Graduates of Civil Engineering department shall become successful in their professional through strong foundation in core principles and ability of analyzing and solving complex engineering problem in real life.
- **PEO II:** Graduates will excel in the field of higher studies through lifelong learning.
- **PEO III:** Graduates will excel in effective communication, teamwork, and leadership, enabling them to work collaboratively in multidisciplinary settings and take on leadership roles within their organizations.

#### **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 analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.



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- 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.
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Faculty/Academicians Feedback Form



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QN	Question	Strongly	Agree (3)	Somewhat	Disagree
		Agree (4)		Agree (2)	(1)
1	How do you rate the relevance of the courses in the				
	program?				
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	related to the industry that are included in the				
	program?				
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	the industry included in the programs?				
7	How do you rate the applicability of the domains and				
	the tools used for designing the experiments in terms of existing practices in the Industry?				
8	How do you rate the experiments in terms of their				
	relevance to the real-life application?				
9	Rate the courses in terms of extra learning of self-				
	learning considering the design of the courses.				
10	Rate the offering of the courses about the				
	specialization streams.				
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?			

yllabus is appended for yo	our reference and is also available at	http:	//makautexam.net/	/new s	yllabus.htm
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	Signature of the Correspondent
Thank you for your valuable feedba	ack



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### **Department of Electronics & Communication 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 Electronics & Communication Engineering**. The information provided by you will be used as important feedback for improvement of the programmed. 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.

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

### **Programme Educational Objectives (PEOs)**

**PEO1:** Knowledge of Basic Engineering Sciences: To demonstrate professional accomplishment in industry and academic organizations by demonstrating competence in mathematics, engineering fundamentals, electronics and communication engineering, and related subjects.

**PEO2**: **Engineering Design Skills:** To provide the students with the required problem-solving abilities for general engineering design practice.

**PEO3**: **Problem Solving Ability:** To develop engineering graduates who can solve problems and go onto advanced study and research in various fields.

**PEO4**: **Programming Skills**: Exercising the computer programming skills in writing, testing and maintaining the programs for transforming every student to find employment in the field of Electronics, Science & Technology.

**PEO5: Technical Dexterity:** To provide the knowledge of designing, building, and testing electronics systems for given specifications using hardware and software techniques in contemporary research and current industry trends.

**PEO6: Professional Competence**: To implant professional and ethical mindset, strong communication skills, teamwork skills, leadership traits, management abilities in the students for a successful professional career and societal needs.



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### **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 analyze 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 com- munity 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.



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- 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 (3)	Somewhat	Disagree
		Agree (4)		Agree (2)	(1)
1	How do you rate the relevance of the courses in the				
	program?				
2	How do you rate the competence of the courses				
	related to the industry that are included in the				
	program?				
3	How do you rate the sequence of the units in the				
	syllabus?				
4	How do you rate the allocation of the credits and				
	contact hours (Lecture-Tutorial-Planning) to the courses?				
_	-cuises.				
5	How do you rate the offering of the electives about				
	technological advancements?				
6	How do you rate the courses which are skills related to				
7	the industry included in the programs?				
/	How do you rate the applicability of the domains and				
	the tools used for designing the experiments in terms of existing practices in the Industry?				
8	How do you rate the experiments in terms of their				
0	relevance to the real-life application?				
9	Rate the courses in terms of extra learning of self-				
7	learning considering the design of the courses.				
10	Rate the offering of the courses about the				
10	specialization streams.				
11	Options for choosing electives are adequate.				
11	options for encosing electives are adequate.				
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Suggestions/	Revisions
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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?			

•	curriculum?			
Sylla	bus is appended for your reference and is also	) availabl	e at <u>http</u>	o://makautexam.net/new_syllabus.html
				Signature of the Correspondent
	Thank you for	your va	aluable	feedback



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### **Department of Electrical 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 Electrical Engineering**. The information provided by you will be used as important feedback for improvement of the programmed. 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.

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

#### **Programme Educational Objectives (PEOs)**

- **PEO I:** Graduates will possess expertise in problem analysis, solving, designing, skills and necessary information for a successful career in the field of Electrical Engineering.
- **PEO II:** Graduates will accomplish practical acquaintance in modern designing tools, technologies and Engineering software in Electrical Engineering.
- **PEO III:** Graduates will be outstanding in communication, teamwork and multidisciplinary approach related to engineering issues in social context.
- **PEO IV:** Graduates will excel in competitive environment towards leadership and life-long learning which is needed for a successful professional career.

### **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 analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics,



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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 com- munity 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



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QN	Question	Strongly	Agree (3)	Somewhat	Disagree
		Agree (4)		Agree (2)	(1)
1	How do you rate the relevance of the courses in the program?				
2	How do you rate the competence of the courses related to the industry that are included in the program?				
3	How do you rate the sequence of the units in the syllabus?				
4	How do you rate the allocation of the credits and contact hours (Lecture-Tutorial-Planning) to the courses?				
5	How do you rate the offering of the electives about technological advancements?				
6	How do you rate the courses which are skills related to the industry included in the programs?				
7	How do you rate the applicability of the domains and the tools used for designing the experiments in terms of existing practices in the Industry?				
8	How do you rate the experiments in terms of their relevance to the real-life application?				
9	Rate the courses in terms of extra learning of self-learning considering the design of the courses.				
10	Rate the offering of the courses about the specialization streams.				
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	r your reference and i	s also available at <a href="http://">http://</a>	//makautexam.net/	/new_syllabus.html
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	Signature of the Correspondent
Thank you for your valuable feedba	ack



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## **Department of Electrical Engineering**

#### STUDENT FEEDBACK FORM ON CURRICULUM

#### **Academic Year:**

Dear Student,

This questionnaire is designed to gather information about various parts of the program for **B.Tech** in **Electrical 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.

Name:					
Branch:					
Mailing Add	lress:				
Vill./City:			State:	Pin code:	
Contact No.:		F	Email:		

#### **Programme Educational Objectives (PEOs):**

- **PEO I:** Graduates will possess expertise in problem analysis, solving, designing, skills and necessary information for a successful career in the field of Electrical Engineering.
- **PEO II:** Graduates will accomplish practical acquaintance in modern designing tools, technologies and Engineering software in Electrical Engineering.
- **PEO III:** Graduates will be outstanding in communication, teamwork and multidisciplinary approach related to engineering issues in social context.
- **PEO IV:** Graduates will excel in competitive environment towards leadership and life-long learning which is needed for a successful professional career.

#### Program Outcomes (POs): Engineering Graduates will be able to:



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- 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.
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- 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 com- munity 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.



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### **Student Feedback Form:**

QN	Question	Strongly	Agree (3)	Somewhat	Disagree
		Agree (4)		Agree (2)	(1)
1	How do you rate the sequence of the course in the current semester with the courses studied in the previous semester?				
2	How do you rate the syllabus of the course that you have studied about the competencies expected out of the course?				
3	How do you rate the relevance of the units in the syllabus relevant to the course?				
4	How do you rate the distribution of the contact hours among the course components (Learning-Tutorial-Practical)?				
5	How do you rate the offering of the electives in terms of their relevance to the specialization streams?				
6	How do you rate the electives offered about Technological advancements?				
7	How do you rate the relevance of the textbooks and reference books by their International recognition to the courses?				
8	How do you rate the domain used for designing the experiments for the LAB components?				
9	How do you rate the experiments about the real life Applications?				



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## **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?			

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					Signature	of the Student
	Th	ank you fo	r your valı	ıable feedba	ack	



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### **Department of Mechanical Engineering**

### STUDENT FEEDBACK FORM ON CURRICULUM

#### **Academic Year:**

Dear Student,

This questionnaire is designed to gather information about various parts of the program for **B.Tech** in **Mechanical 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.

Name:						
Branch:						
Mailing	Mailing Address:					
Vill./C	ity:		State:	Pin code:		
Contac	t No.:		Email:			

#### **Programme Educational Objectives (PEOs):**

**PEO I:** To enhance the knowledge of the under graduates with fundamental Science of Engineering & Department & Dep

**PEO II:** To develop high level of technical competency combined with research and problem-solving skills to generate innovative solutions in Mechanical Engineering and/or related interdisciplinary areas.

**PEO III:** To expand capability of methodological approach for taking decision and designing.

**PEO IV:** To promote awareness towards socio-economic and energy related challenges and enhance professional as well as communication skill and perform as a team.



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### **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 com- munity 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.



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### **Student Feedback Form:**

QN	Question	Strongly	Agree (3)	Somewhat	Disagree
		Agree (4)		Agree (2)	(1)
1	How do you rate the sequence of the course in the current semester with the courses studied in the previous semester?				
2	How do you rate the syllabus of the course that you have studied about the competencies expected out of the course?				
3	How do you rate the relevance of the units in the syllabus relevant to the course?				
4	How do you rate the distribution of the contact hours among the course components (Learning-Tutorial-Practical)?				
5	How do you rate the offering of the electives in terms of their relevance to the specialization streams?				
6	How do you rate the electives offered about Technological advancements?				
7	How do you rate the relevance of the textbooks and reference books by their International recognition to the courses?				
8	How do you rate the domain used for designing the experiments for the LAB components?				
9	How do you rate the experiments about the real life Applications?				



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## **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?			

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				-	Signature of th	e Student
	Thanl	k you for you	ır valuable i	feedback	ζ	



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### **Department of Automobile Engineering**

### STUDENT FEEDBACK FORM ON CURRICULUM

#### **Academic Year:**

Dear Student,

This questionnaire is designed to gather information about various parts of the program for **B.Tech** in **Automobile 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.

Name:						
Branch:						
Mailing Address:						
Vill./City:	State:	Pin code:				
Contact No.:	Email:					

#### **Programme Educational Objectives (PEOs):**

**PEO1:** Graduates will be working as professionals in different Automobile Engineering sectors like design, operations, systems, and production.

**PEO2:** Graduates will be solving complex problems to innovate new solutions using modern tools with the ethical responsibility to meet society requirements.

**PEO3:** Graduates will be engaged in lifelong learning by doing higher studies, research and being members of professional societies.



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### **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 com- munity 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.



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### **Student Feedback Form:**

QN	Question	Strongly	Agree (3)	Somewhat	Disagree
		Agree (4)		Agree (2)	(1)
1	How do you rate the sequence of the course in the current semester with the courses studied in the previous semester?				
2	How do you rate the syllabus of the course that you have studied about the competencies expected out of the course?				
3	How do you rate the relevance of the units in the syllabus relevant to the course?				
4	How do you rate the distribution of the contact hours among the course components (Learning-Tutorial-Practical)?				
5	How do you rate the offering of the electives in terms of their relevance to the specialization streams?				
6	How do you rate the electives offered about Technological advancements?				
7	How do you rate the relevance of the textbooks and reference books by their International recognition to the courses?				
8	How do you rate the domain used for designing the experiments for the LAB components?				
9	How do you rate the experiments about the real-life Applications?				



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## **Suggestions/Revisions:**

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

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					Signature of th	e Student
					C	
	Thank	x you for yo	ur valuable	e feedbac	k	



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### **Department of Civil Engineering**

#### STUDENT FEEDBACK FORM ON CURRICULUM

#### Academic Year:

Dear Student,

This questionnaire is designed to gather information about various parts of the program for **B.Tech** in **Civil 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.

Name:						
Branch:						
Mailing Address:						
Vill./City:	State:	Pin code:				
Contact No.:	Email:					

### **Programme Educational Objectives (PEOs):**

- **PEO I:** Graduates of Civil Engineering department shall become successful in their professional through strong foundation in core principles and ability of analyzing and solving complex engineering problem in real life.
- **PEO II:** Graduates will excel in the field of higher studies through lifelong learning.
- **PEO III:** Graduates will excel in effective communication, teamwork, and leadership, enabling them to work collaboratively in multidisciplinary settings and take on leadership roles within their organizations.

### **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.



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- 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 com- munity 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.



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### **Student Feedback Form:**

QN	Question	Strongly	Agree (3)	Somewhat	Disagree
		Agree (4)		Agree (2)	(1)
1	How do you rate the sequence of the course in the current semester with the courses studied in the previous semester?				
2	How do you rate the syllabus of the course that you have studied about the competencies expected out of the course?				
3	How do you rate the relevance of the units in the syllabus relevant to the course?				
4	How do you rate the distribution of the contact hours among the course components (Learning-Tutorial-Practical)?				
5	How do you rate the offering of the electives in terms of their relevance to the specialization streams?				
6	How do you rate the electives offered about Technological advancements?				
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8	How do you rate the domain used for designing the experiments for the LAB components?				
9	How do you rate the experiments about the real life Applications?				



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## **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?			

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					_	Signature o	of the Stud	 ent
		-Thank you	for your v	valuable fe	edback	·		



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# Department of Electronics and Communication Engineering STUDENT FEEDBACK FORM ON CURRICULUM

#### **Academic Year:**

Dear Student,

This questionnaire is designed to gather information about various parts of the program for **B.Tech** in **Electronics and Communication 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.

Name:					
Branch:					
Mailing Address:					
Vill./City:	State:	Pin code:			
Contact No.:	Email:				

#### **Programme Educational Objectives (PEOs):**

**PEO1:** Knowledge of Basic Engineering Sciences: To demonstrate professional accomplishment in industry and academic organizations by demonstrating competence in mathematics, engineering fundamentals, electronics and communication engineering, and related subjects.

**PEO2: Engineering Design Skills:** To provide the students with the required problem-solving abilities for general engineering design practice.

**PEO3: Problem Solving Ability:** To develop engineering graduates who can solve problems and go onto advanced study and research in various fields.

**PEO4: Programming Skills:** Exercising the computer programming skills in writing, testing and maintaining the programs for transforming every student to find employment in the field of Electronics, Science & Electronics, Science



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**PEO5: Technical Dexterity:** To provide the knowledge of designing, building, and testing electronics systems for given specifications using hardware and software techniques in contemporary research and current industry trends.

**PEO6: Professional Competence:** To implant professional and ethical mindset, strong communication skills, teamwork skills, leadership traits, management abilities in the students for a successful professional career and societal needs.

### **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.



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- **x. Communication:** Communicate effectively on complex engineering activities with the engineering com- munity 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.



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### **Student Feedback Form:**

QN	Question	Strongly	Agree (3)	Somewhat	Disagree
		Agree (4)		Agree (2)	(1)
1	How do you rate the sequence of the course in the current semester with the courses studied in the previous semester?				
2	How do you rate the syllabus of the course that you have studied about the competencies expected out of the course?				
3	How do you rate the relevance of the units in the syllabus relevant to the course?				
4	How do you rate the distribution of the contact hours among the course components (Learning-Tutorial-Practical)?				
5	How do you rate the offering of the electives in terms of their relevance to the specialization streams?				
6	How do you rate the electives offered about Technological advancements?				
7	How do you rate the relevance of the textbooks and reference books by their International recognition to the courses?				
8	How do you rate the domain used for designing the experiments for the LAB components?				
9	How do you rate the experiments about the real life Applications?				



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## **Suggestions/Revisions:**

QN	Question	Yes	No	If 'YES' specify the content
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