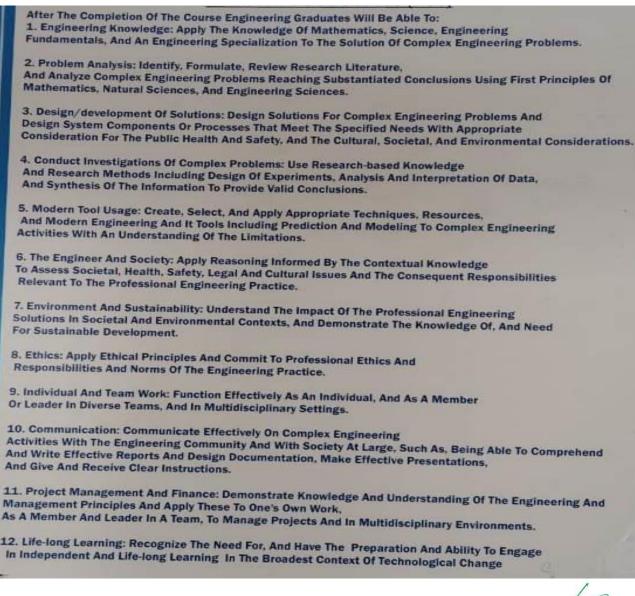


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2.6.1 Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

PO's of Department of Civil Engineering



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PO's of Department Of Electrical Electronics Engineering

After The Completion Of The Course Engineering Graduates Will Be Able To:	
1. Engineering Knowledge: Apply The Knowledge Of Mathematics, Science, Engineering	
Fundamentals, And An Engineering Specialization To The Solution Of Complex Engineering Problems.	
2. Problem Analysis: Identify, Formulate, Review Research Literature,	
And Analyze Complex Engineering Problems Reaching Substantiated Conclusions Using First Principles	OF
Mathematics, Natural Sciences, And Engineering Sciences.	0.
3. Design/development Of Solutions: Design Solutions For Complex Engineering Problems And	
Design System Components Or Processes That Meet The Specified Needs With Appropriate	
Consideration For The Public Health And Safety. And The Cultural, Societal, And Environmental Consideration	ations
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 The 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 Medaling To Complex Engineering	
Activities With An Understanding Of The Limitations.	
6. The Engineer And Society: Apply Reasoning Informed By The Contextual Knowledge	
To Assess Societal, Realth, Safety, Legal And Cultural lesues And The Concentrant Desness thinks	
Relevant To The Professional Engineering Practice.	
7. Environment And Sustainability: Understand The Impact Of The Professional Engineering	
Southons in Societal And Environmental Contexts And Demonstrate The Viscouladay of A state	
For Sustainable Development.	
8. Ethics: Apply Ethical Principles And Commit To Professional Ethics And	
Responsibilities And Norms Of The 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.	
0. Communication: Communicate Effectively On Complex Engineering	
cuvities with The Engineering Community and With Society At Lands	
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nd Give And Receive Clear Instructions.	
1. Project Management And Finance: Demonstrate Knowledge And Understanding Of The Engineering And	
lanagement Principles And Apply These To One's Own Work.	d
A Member And Leader In A Team, To Manage Projects And In Multidisciplinary Environments.	
2. Life-long Learning: Recognize The Need For And Have The Despective And Have	
Independent And Life-long Learning In The Broadest Context Of Technological Change	
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PO's of Department Of Mechanical Engineering

Afte	r The Completion Of The Course Engineering Graduates Will Be Able To:
Fund	ngineering Knowledge: Apply The Knowledge Of Mathematics, Science, Engineering famentals, And An Engineering Specialization To The Solution Of Complex Engineering Problems.
	oblem Analysis: Identify, Formulate, Review Research Literature,
And	Analyze Complex Engineering Problems Reaching Substantiated Conclusions Using First Principles Of nematics, Natural Sciences, And Engineering Sciences.
Desig	sign/development Of Solutions: Design Solutions For Complex Engineering Problems And on System Components Or Processes That Meet The Specified Needs With Appropriate
and the second second	ideration For The Public Health And Safety, And The Cultural, Societal, And Environmental Considerations.
4. Co	nduct Investigations Of Complex Problems: Use Research-based Knowledge
And s	Research Methods Including Design Of Experiments, Analysis And Interpretation Of Data, Synthesis Of The Information To Provide Valid Conclusions.
5. Mo	dern Tool Usage: Create, Select, And Apply Appropriate Techniques, Resources,
	Modern Engineering And It Tools Including Prediction And Modeling To Complex Engineering ties With An Understanding Of The Limitations.
6. The	Engineer And Society: Apply Reasoning Informed By The Contextual Knowledge
10 433	ant To The Professional Engineering Practice.
7. Envi	ronment And Sustainability: Understand The Impact Of The Professional Engineering
COTO LE	ons in Societal And Environmental Contexts, And Demonstrate The Knowledge Of, And Need stainable Development.
8. Ethic	cs: Apply Ethical Principles And Commit To Professional Ethics And
Respo	nsibilities And Norms Of The Engineering Practice.
9. Indiv	idual And Team Work: Function Effectively As An Individual, And As A Member
or Leau	ler In Diverse Teams, And In Multidisciplinary Settings.
10. Con	nmunication: Communicate Effectively On Complex Engineering
And Wri	es With The Engineering Community And With Society At Large, Such As, Being Able To Comprehend te Effective Reports And Design Documentation, Make Effective Presentations, e And Receive Clear Instructions.
11. Proje	act Management And Eleance: Demonstrate King to a
	ect Management And Finance: Demonstrate Knowledge And Understanding Of The Engineering And ment Principles And Apply These To One's Own Work,
	mber And Leader In A Team, To Manage Projects And In Multidisciplinary Environments.
12. Life-I	ong Learning: Recognize The Need For, And Have The Preparation And Ability To Engage
m moep	endent And Life-long Learning In The Broadest Context Of Technological Change

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PO's of Department Of Electronics and Communication Engineering

After The Completion Of The Course Engineering Graduate	s Will Be Able To:
1. Engineering Knowledge: Apply The Knowledge Of Mathe Fundamentals, And An Engineering Specialization To The	ematics, Science, Engineering
2. Problem Analysis: Identify, Formulate, Review Research	Literature,
And Analyze Complex Engineering Problems Reaching Sub Mathematics, Natural Sciences, And Engineering Sciences	stantiated Conclusions Using First Principles Of s.
3. Design/development Of Solutions: Design Solutions For Design System Components Or Processes That Meet The S	Complex Engineering Problems And
Consideration For The Public Health And Safety, And The C	ultural, Societal, And Environmental Considerations.
4. Conduct Investigations Of Complex Problems: Use Resea	arch-based Knowledge
And Research Methods Including Design Of Experiments, And Synthesis Of The Information To Provide Valid Conclus	Analysis And Interpretation Of Data
5. Modern Tool Usage: Create, Select, And Apply Appropriat	e Techniques, Resources
And Modern Engineering And It Tools Including Prediction Activities With An Understanding Of The Limitations.	And Modeling To Complex Engineering
6. The Engineer And Society: Apply Reasoning Informed By	The Contextual Knowledge
To Assess Societal, Health, Safety, Legal And Cultural Issue Relevant To The Professional Engineering Practice.	s And The Consequent Responsibilities
7. Environment And Sustainability: Understand The Impact C	With Derfe days and a
Solutions In Societal And Environmental Contexts, And Dem For Sustainable Development.	onstrate The Knowledge Of, And Need
8. Ethics: Apply Ethical Principles And Commit To Profession	al Ethics And
Responsibilities And Norms Of The Engineering Practice.	and and and
9. Individual And Team Work: Function Effectively As An India	vidual And As A Mombus
Or Leader In Diverse Teams, And In Multidisciplinary Setting	s.
10. Communication: Communicate Effectively On Complex E	ngineering
Activities with The Engineering Community And With Context	
And Write Effective Reports And Design Documentation, Mak And Give And Receive Clear Instructions.	e Effective Presentations,
11. Project Management And Finance: Demonstrate Knowled Management Principles And Apply These To One's Own Work	ige And Understanding Of The Toring
Management Principles And Apply These To One's Own Work,	go And Understanding Of The Engineering And
As A Member And Leader In A Team, To Manage Projects And	
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 Cont	ext Of Technological Change
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PO's of Department Of Computer Science And Engineering

After The Comp	letion Of The Course Engineering Graduates Will Be Able To:
1. Engineering	Knowledge: Apply The Knowledge Of Mathematics, Science, Engineering
Fundamentals,	And An Engineering Specialization To The Solution Of Complex Engineering Problems.
2. Problem Anal	lysis: Identify, Formulate, Review Research Literature,
And Analyze Co	mplex Engineering Problems Reaching Substantiated Conclusions Using First Principles Of
Mathematics, N	atural Sciences, And Engineering Sciences.
3. Design/devel	opment Of Solutions: Design Solutions For Complex Engineering Problems And
Design System (Components Or Processes That Meet The Specified Needs With Appropriate
Consideration F	or The Public Health And Safety. And The Cultural, Societal, And Environmental Consideration
4. Conduct Inves	tigations Of Complex Problems: Use Research-based Knowledge
And Research N	lethods Including Design Of Experiments, Analysis And Interpretation Of Data,
And Synthesis 0	f The Information To Provide Valid Conclusions.
5. Modern Tool U	sage: Create, Select, And Apply Appropriate Techniques, Resources,
and modern chg	incering and it loois including Prediction and Medaling To Complex Engineering
Activities With A	n Understanding Of The Limitations.
6. The Engineer A	and Society: Apply Reasoning Informed By The Contextual Knowledge
in Haseas anciett	al, Health, Safety, Legal And Cultural Issues And The Consequent Responsibilities Professional Engineering Practice.
7. Environment Ar	nd Sustainability: Understand The Impact Of The Professional Engineering
oonationa in aucie	and And Environmental Contexts And Demonstrate The Viscouladay of the time
For Sustainable D	evelopment.
8. Ethics: Apply Et	thical Principles And Commit To Professional Ethics And
Responsibilities A	And Norms Of The Engineering Practice.
. Individual And T	eam Work: Function Effectively As An Individual, And As A Member
r Leader In Diver	se Teams, And In Multidisciplinary Settings.
0. Communicatio	n: Communicate Effectively On Complex Engineering
cuvities with the	Engineering Community And With Society At Lands Control of the
nd Give And Rece	ive Clear Instructions.
L. Project Manage	ement And Finance: Demonstrate Knowledge And Understanding Of The Engineering And
A Member And L	eader In A Team, To Manage Projects And In Multidisciplinary Environments.
Life-long Learnin	ng: Recognize The Need For And Have The Proposition to Lating and
Independent And	d Life-long Learning In The Broadest Context Of Technological Change
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PO's of Department Of Computer Science And Engineering (AI &ML)

After The Completion Of The Course Engineering Graduates Will Be Able T	·o:
1. Engineering Knowledge: Apply The Knowledge Of Mathematics, Science	e. Engineering
Fundamentals, And An Engineering Specialization To The Solution Of Com	plex Engineering Problems.
2. Problem Analysis: Identify, Formulate, Review Research Literature,	
And Analyze Complex Engineering Problems Reaching Substantiated Conc	dusions Using First Principles Of
Mathematics, Natural Sciences, And Engineering Sciences.	clusions using rirst randiples of
3. Design/development Of Solutions: Design Solutions For Complex Engine	eering Problems And
Design System Components Or Processes That Meet The Specified Needs	With Appropriate
Consideration For The Public Health And Safety, And The Cultural, Societal	, And Environmental Considerations.
4. Conduct Investigations Of Complex Problems: Use Research-based Know	viedge
And Research Methods Including Design Of Experiments Analysic And Inte	erpretation Of Data.
And Synthesis Of The Information To Provide Valid Conclusions.	
5. Modern Tool Usage: Create, Select, And Apply Appropriate Techniques, R	lesources
And modern Engineering And it loois including Prediction And Modeling Te	Complex Engineering
Activities With An Understanding Of The Limitations.	
6. The Engineer And Society: Apply Reasoning Informed By The Contextual I	Knowledge
To Assess Societal, Health, Safety, Legal And Cultural lesues and The Conce	equent Responsibilities
Relevant To The Professional Engineering Practice.	
7. Environment And Sustainability: Understand The Impact Of The Profession	nal Engineering
and Demonstrate The Ka	nai Eigneering
For Sustainable Development.	iomedge of, And Need
8. Ethics: Apply Ethical Principles And Commit To Professional Ethics And	
Responsibilities And Norms Of The Engineering Practice.	
9. Individual And Team Work: Function Effectively As An Individual, And As A	
Or Leader In Diverse Teams, And In Multidisciplinary Settings.	Member
10. Communication: Communicate Effectively On Complex Engineering	
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And Write Effective Reports And Design Documentation, Make Effective Pres And Give And Receive Clear Instructions.	As, being Able to Comprehend sentations,
11. Project Management And Finance: Demonstrate Knowledge and	
11. Project Management And Finance: Demonstrate Knowledge And Underst Management Principles And Apply These To One's Own Work,	tanding Of The Engineering And
As A Member And Leader In A Team, To Manage Projects And In Multidisciplin	nary Environmente
12. Life-long Learning: Recognize The Need For, And Have The Preparation An	nd Ability To Engage
In Independent And Life-long Learning In The Broadest Context Of Technolo	gical Change
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PO's of Department Of Computer Science And Engineering (Data Science)

After The Comple	tion Of The Course Engineering Graduates Will Be Able To:
Fundamentals, An	owledge: Apply The Knowledge Of Mathematics, Science, Engineering d An Engineering Specialization To The Solution Of Complex Engineering Problems.
and the second second second second	is: Identify, Formulate, Review Research Literature,
And Analyze Comp	ex Engineering Problems Reaching Substantiated Conclusions Using First Principles Of ural Sciences, And Engineering Sciences.
Design System Co	ment Of Solutions: Design Solutions For Complex Engineering Problems And mponents Or Processes That Meet The Specified Needs With Appropriate
CONTRACTOR AND INCOME.	The Public Health And Safety, And The Cultural, Societal, And Environmental Considerations.
4. Conduct Investig	ations Of Complex Problems: Use Research-based Knowledge
And Synthesis Of 1	hods Including Design Of Experiments, Analysis And Interpretation Of Data, he Information To Provide Valid Conclusions.
5. Modern Tool Usa	ge: Create, Select, And Apply Appropriate Techniques, Resources,
and modern Engin	eering And It Tools Including Prediction And Modeling To Complex Engineering Inderstanding Of The Limitations.
6. The Engineer And	Society: Apply Reasoning Informed By The Contextual Knowledge
ro nascos societai,	Health, Safety, Legal And Cultural Issues And The Consequent Responsibilities ofessional Engineering Practice.
7. Environment And	Sustainability: Understand The Impact Of The Professional Engineering
Solutions In Societa For Sustainable Dev	And Environmental Contexts And Demonstrate The Knewledge of a state
8. Ethics: Apply Ethi Responsibilities App	cal Principles And Commit To Professional Ethics And I Norms Of The Engineering Practice.
9. Individual And Tea Or Leader In Diverse	m Work: Function Effectively As An Individual, And As A Member Teams, And In Multidisciplinary Settings.
10. Communication:	Communicate Effectively On Complex Engineering
Activities with The E	eports And Design Documentation Make Effective Device Asle To Comprehend
11. Project Managem	ent And Finance: Demonstrate Knowledge And Understanding Of The Engineering And
	es And Apply These To One's Own Work. der In A Team, To Manage Projects And In Multidisciplinary Environments.
In Independent And L	Recognize The Need For, And Have The Preparation And Ability To Engage ife-long Learning In The Broadest Context Of Technological Change

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PO's of Department Of Cyber Secury

 Engineering Knowledge: Apply The Knowledge Of Mathematics, Science, Engineering Fundamentals, And An Engineering Specialization To The Solution Of Complex Engineering Problems. Problem Analysis: Identify, Formulate, Review Research Literature, And Analyze Complex Engineering Problems Reaching Substantiated Conclusions Using First Principles Of Mathematics, Natural Sciences, And Engineering Sciences. Design/development Of Solutions: Design Solutions For Complex Engineering Problems And Design System Components Or Processes That Meet The Specified Needs With Appropriate Consideration For The Public Health And Safety, And The Cultural, Societal, And Environmental Consideration 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 The Information To Provide Valid Conclusions.
 Problem Analysis: Identify. Formulate, Review Research Literature, And Analyze Complex Engineering Problems Reaching Substantiated Conclusions Using First Principles Of Mathematics. Natural Sciences, And Engineering Sciences. Design/development Of Solutions: Design Solutions For Complex Engineering Problems And Design System Components Or Processes That Meet The Specified Needs With Appropriate Consideration For The Public Health And Safety. And The Cultural, Societal, And Environmental Considerate 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 The Information To Provide Valid Conclusions.
And Analyze Complex Engineering Problems Reaching Substantiated Conclusions Using First Principles O 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 The Specified Needs With Appropriate Consideration For The Public Health And Safety, And The Cultural, Societal, And Environmental Considerate 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 The Information To Provide Valid Conclusions.
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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 The Information To Provide Valid Conclusions.
 Consideration For The Public Health And Safety. And The Cultural, Societal, And Environmental Consideration 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 The Information To Provide Valid Conclusions.
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 The Information To Provide Valid Conclusions.
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 The Information To Provide Valid Conclusions.
And Synthesis Of The Information To Provide Valid Conclusions.
And Synthesis Of the 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 Medaling To Complex Engineering
Activities With An Understanding Of The Limitations.
6. The Engineer And Society: Apply Reasoning Informed By The Contextual Knowledge
To Assess Societal, Health, Safety, Legal And Cultural lesues and The Concentrate Designment Designment
Relevant To The Professional Engineering Practice.
7. Environment And Sustainability: Understand The Impact Of The Professional Engineering
and Demonstrate The Knewledge of A state
For Sustainable Development.
8. Ethics: Apply Ethical Principles And Commit To Professional Ethics And
Responsibilities And Norms Of The 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.
0. Communication: Communicate Effectively On Complex Engineering
cuvities with The Engineering Community And With Society At Lands
and Write Effective Reports And Design Documentation, Make Effective Presentations, and Give And Receive Clear Instructions.
1. Project Management And Finance: Demonstrate Knowledge And Understanding Of The Engineering And
anagement Principles And Apply These To One's Own Work.
A Member And Leader In A Team, To Manage Projects And In Multidisciplinary Environments.
Life-long Learning: Recognize The Need For And Have The Proposition to Lating
Independent And Life-long Learning In The Broadest Context Of Technological Change
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PO's of Department Of MBA

PO 1.	engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	
PO 2.1	complex engineering problems. Problem Analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.	
PO 3.1	Design / development of Solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified	
	needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.	
PO 4, 0	Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.	
PO5.	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and II tools including prediction and modeling to complex engineering activities with an understanding of the limitations.	
PO 6.	The engineer and Society: Apply reasoning informed be decenterated knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	
PO7.	Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	
PO 8.	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	
PO 9.	Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	
PO 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.	
PO 11.	Project management and finance: Demonstrate knowledge and understanding of the 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.	
PO12.	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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