

# VIKAS COLLEGE OF ENGINEERING AND TECHNOLOGY



(Sponsored by SARASWATHI VIDYA PEETAM)  
 (Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakimada)  
 Certified by ISO 9001:2015:: Accredited by NAAC with 'B+' Grade.  
 NUNNA-521212, Vijayawada Rural, N.T.R Dt., A.P. India.  
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## 1.3.1 The List and description of course which address the Professional Ethics, Gender, Human values, Environment and Sustainability into the Curriculum

### Regulation R20


#### DEPARTMENT OF CIVIL ENGINEERING

Program code	Program Name	Course code	Course Name
<b>I B.Tech II Semester</b>			
A01	CIVIL ENGINEERING	MC1201	Environmental Science (M.C)
<b>II B.Tech I Semester</b>			
A01	CIVIL ENGINEERING	MC301	Constitution of India
<b>II B.Tech II Semester</b>			
A01	CIVIL ENGINEERING	PC403	Environmental Engineering
	CIVIL ENGINEERING	PC404	Managerial Economics & Financial Analysis
	CIVIL ENGINEERING	PC405	Environmental Engineering Lab
<b>III B.Tech I Semester</b>			
A01	CIVIL ENGINEERING	MC501	Mandatory Course (AICTE Suggested) Professional Ethics And Human Values
<b>III B.Tech II Semester</b>			
A01	CIVIL ENGINEERING	MC	Computational Tools Mandatory Course(AICTE) (EMPLOYABILITY SKILLS)
<b>IV B.Tech I Semester</b>			
A01	CIVIL ENGINEERING	HSC701	Humanities and Social Science

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**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

Program code	Program Name	Course code	Course Name
<b>I B.Tech II Semester</b>			
A02	ELECTRICAL & ELECTRONICS ENGINEERING	Mandatory course	Constitution of India
<b>II B.Tech I Semester</b>			
A02	ELECTRICAL & ELECTRONICS ENGINEERING	MC	Professional Ethics And Human Values
<b>II B.Tech II Semester</b>			
A02	ELECTRICAL & ELECTRONICS ENGINEERING	HSMC	Managerial Economics & Financial Analysis
<b>III B.Tech I Semester</b>			
A02	ELECTRICAL & ELECTRONICS ENGINEERING	SC	Soft skill course: Employability Skills
	ELECTRICAL & ELECTRONICS ENGINEERING	MC	Environmental Science
<b>III B.Tech II Semester</b>			
A02	ELECTRICAL & ELECTRONICS ENGINEERING	MC	Research methodology
<b>IV B.Tech I Semester</b>			
A02	ELECTRICAL & ELECTRONICS ENGINEERING	HSMC	Universal Human Values-2: Understanding Harmony

  
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**DEPARTMENT OF MECHANICAL ENGINEERING**

Program code	Program Name	Course code	Course Name
<b>I B.Tech I Semester</b>			
A03	MECHANICAL ENGINEERING	MC - 1	Environmental science
<b>I B.Tech II Semester</b>			
A03	MECHANICAL ENGINEERING	MC - 2	Constitution of India
<b>II B.Tech I Semester</b>			
A03	MECHANICAL ENGINEERING	MC - 3	Essence of Indian Traditional Knowledge
<b>III B.Tech I Semester</b>			
A03	MECHANICAL ENGINEERING	OE-1	1.Sustainable Energy Technology
A03	MECHANICAL ENGINEERING	PE-1	4.Renewable Energy Source
A03	MECHANICAL ENGINEERING	MC-4	Professional Ethics and Human Values
<b>III B.Tech II Semester</b>			
A03	MECHANICAL ENGINEERING	MC - 5	Research Methodology and IPR
<b>IV B.Tech I Semester</b>			
A03	MECHANICAL ENGINEERING	HSMC	Universal Human Values-2: Understanding Harmony

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**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**


Program code	Program Name	Course code	Course Name
<b>I B.Tech II Semester</b>			
A04	ELECTRONICS & COMMUNICATION ENGINEERING	MC	Environmental science
<b>II B.Tech II Semester</b>			
A04	ELECTRONICS & COMMUNICATION ENGINEERING	HS	Managerial Economics & Financial Analysis
A04	ELECTRONICS & COMMUNICATION ENGINEERING	SC	Soft Skills
A04	ELECTRONICS & COMMUNICATION ENGINEERING	MC	Constitution of India
<b>III B.Tech I Semester</b>			
A04	ELECTRONICS & COMMUNICATION ENGINEERING	MC	Indian Traditional Knowledge
<b>III B.Tech II Semester</b>			
A04	ELECTRONICS & COMMUNICATION ENGINEERING	MC	Research Methodology
<b>IV B.Tech I Semester</b>			
A04	ELECTRONICS & COMMUNICATION ENGINEERING	HS	*Humanities and Social Science Elective

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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

Program code	Program Name	Course code	Course Name
<b>I B.Tech II Semester</b>			
A05	COMPUTER SCIENCE & ENGINEERING	MC	Environmental science
<b>II B.Tech I Semester</b>			
A05	COMPUTER SCIENCE & ENGINEERING	MC	Constitution of India
<b>II B.Tech II Semester</b>			
A05	COMPUTER SCIENCE & ENGINEERING	HS	Managerial Economics and Financial Accountancy
<b>III B.Tech I Semester</b>			
A05	COMPUTER SCIENCE & ENGINEERING	MC	Employability Skills-I
<b>III B.Tech II Semester</b>			
A05	COMPUTER SCIENCE & ENGINEERING	MC	Employability Skills-II
<b>IV B.Tech I Semester</b>			
A05	COMPUTER SCIENCE & ENGINEERING	HS	Universal Human Values 2: Understanding

  
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**DEPARTMENT OF AGRICULTURAL ENGINEERING**

Program code	Program Name	Course code	Course Name
<b>I B.Tech II Semester</b>			
A35	AGRICULTURAL ENGINEERING	MC1201	Environmental science
<b>II B.Tech I Semester</b>			
A35	AGRICULTURAL ENGINEERING	MC	Constitution of India
<b>II B.Tech II Semester</b>			
A35	AGRICULTURAL ENGINEERING	HSS	Managerial Economics and Financial Analysis
<b>III B.Tech I Semester</b>			
A35	AGRICULTURAL ENGINEERING	PC	Surface water hydrology
A35	AGRICULTURAL ENGINEERING	MC	Professional Ethics and Human Values
A35	AGRICULTURAL ENGINEERING	SOC	Soft Skill
<b>III B.Tech II Semester</b>			
A35	AGRICULTURAL ENGINEERING	PE	Watershed Management
A35	AGRICULTURAL ENGINEERING	PE	Human Engineering and Safety
A35	AGRICULTURAL ENGINEERING	PC	PC Soil and Water Conservation Engineering Lab
A35	AGRICULTURAL ENGINEERING	MC	MC Employability Skills
<b>IV B.Tech I Semester</b>			
A35	AGRICULTURAL ENGINEERING	PE	Design of Soil and Water Conservation and Farm Systems
A35	AGRICULTURAL ENGINEERING	HSS	Universal Human Values: 2 Understanding Harmony
A35	AGRICULTURAL ENGINEERING	PE	Dairy and Food Engineering

  
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**DEPARTMENT OF CSE - ARTIFICIAL INTELLIGENCE & MACHINE LEARNING**

Program code	Program Name	Course code	Course Name
<b>I B.Tech I Semester</b>			
A42	CSE-ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	MC1101	Environmental Science
<b>I B.Tech II Semester</b>			
A42	CSE-ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	MC1201	Constitution of India
<b>II B.Tech II Semester</b>			
A42	CSE-ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	HS	Managerial Economics and Financial Accountancy
<b>III B.Tech I Semester</b>			
A42	CSE-ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	MC	Employability Skills-I
<b>III B.Tech II Semester</b>			
A42	CSE-ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	MC	Employability Skills-II
<b>IV B.Tech II Semester</b>			
A42	CSE-ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	HS	Universal Human Values 2: Understanding Harmony

  
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**DEPARTMENT OF CSE - DATA SCIENCE**

Program code	Program Name	Course code	Course Name
<b>I B.Tech I Semester</b>			
A44	CSE- DATA SCIENCE	MC1101	Environmental Science
<b>I B.Tech II Semester</b>			
A44	CSE- DATA SCIENCE	MC1201	Constitution of India
<b>II B.Tech I Semester</b>			
A44	CSE- DATA SCIENCE	MC	Essence of Indian Traditional Knowledge
<b>II B.Tech II Semester</b>			
A44	CSE- DATA SCIENCE	HS	Managerial Economics and Financial Accountancy
<b>III B.Tech I Semester</b>			
A44	CSE- DATA SCIENCE	MC	Employability Skills-I
<b>III B.Tech II Semester</b>			
A44	CSE- DATA SCIENCE	MC	Employability Skills-II
<b>IV B.Tech I Semester</b>			
A44	CSE- DATA SCIENCE	HS	Universal Human Values 2: Understanding Harmony

  
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### Regulation R23

#### DEPARTMENT OF CIVIL ENGINEERING

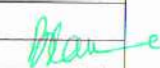
Program code	Program Name	Course code	Course Name
<b>I B.Tech I Semester</b>			
A01	CIVIL ENGINEERING	BS&H	NSS/NCC/Scouts & Guides/Community Service
<b>I B.Tech II Semester</b>			
A01	CIVIL ENGINEERING	MC301	Constitution of India

#### DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Program code	Program Name	Course code	Course Name
<b>I B.Tech I Semester</b>			
A02	ELECTRICAL & ELECTRONICS ENGINEERING	BS&H	NSS/NCC/Scouts & Guides/Community Service
<b>I B.Tech II Semester</b>			
A02	ELECTRICAL & ELECTRONICS ENGINEERING	-	Health and wellness, Yoga and Sport

#### DEPARTMENT OF MECHANICAL ENGINEERING

Program code	Program Name	Course code	Course Name
<b>I B.Tech I Semester</b>			
A03	MECHANICAL ENGINEERING	BS&H	NSS/NCC/Scouts & Guides/Community Service
<b>I B.Tech II Semester</b>			
A03	MECHANICAL ENGINEERING	MC301	Constitution of India

  
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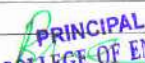
Program code	Program Name	Course code	Course Name
<b>I B.Tech I Semester</b>			
A04	ELECTRONICS & COMMUNICATION ENGINEERING	BS&H	NSS/NCC/Scouts & Guides/Community Service
<b>I B.Tech II Semester</b>			
A04	ELECTRONICS & COMMUNICATION ENGINEERING	-	Health and wellness, Yoga and Sports

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

Program code	Program Name	Course code	Course Name
<b>I B.Tech I Semester</b>			
A05	COMPUTER SCIENCE & ENGINEERING	BS&H	Health and wellness, Yoga and Sports
<b>I B.Tech II Semester</b>			
A05	COMPUTER SCIENCE & ENGINEERING	-	NSS/NCC/Scouts & Guides/Community Service

**DEPARTMENT OF AGRICULTURAL ENGINEERING**

Program code	Program Name	Course code	Course Name
<b>I B.Tech II Semester</b>			
A35	AGRICULTURAL ENGINEERING	BS&H	NSS/NCC/Scouts & Guides/Community Service
<b>II B.Tech I Semester</b>			
A35	AGRICULTURAL ENGINEERING	-	Health and wellness, Yoga and Sports


  
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**DEPARTMENT OF CSE - ARTIFICIAL INTELLIGENCE & MACHINE LEARNING**

Program code	Program Name	Course code	Course Name
<b>I B.Tech I Semester</b>			
A42	CSE-ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	BS&H	NSS/NCC/Scouts & Guides/Community Service
<b>I B.Tech II Semester</b>			
A42	CSE-ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	-	Health and wellness, Yoga and Sports

**DEPARTMENT OF CSE - DATA SCIENCE**

Program code	Program Name	Course code	Course Name
<b>I B.Tech I Semester</b>			
A44	CSE- DATA SCIENCE	BS&H	NSS/NCC/Scouts & Guides/Community Service
<b>I B.Tech II Semester</b>			
A44	CSE- DATA SCIENCE	-	Health and wellness, Yoga and Sports

  
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