



# SASURIE COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Near NH544, Coimbatore Bypass, Near Vijayamangalam Tollgate, TirupurS 638056

## NAAC DOCUMENTS

### QUALITY INDICATOR FRAME WORK

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#### CRITERION - 1

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#### CURRICULAR ASPECTS

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SUBMITTED BY

# IQAC

INTERNAL QUALITY ASSURANCE CELL

### SASURIE COLLEGE OF ENGINEERING



**1.2 Academic Flexibility(30)**

**1.2.1 Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)**

**AND**

**1.2.2 Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years**

<b>VAC Title:</b>	<b>SOCIAL RESPONSIBILITY IN ENGINEERING</b>				
<b>Resource Person:</b>	Mr. P. Manikandan, Training centre Incharge, Southern Scientific Instruments, Chennai - 600077.		Mrs. Lakshmi priya, Manager, Southern Scientific Instruments, Chennai - 600077.		
<b>Date of conduct from:</b>	<b>14.10.2019</b>	<b>To:</b>	<b>18.10.2019</b>	<b>Duration:</b>	<b>30Hours</b>
<b>Organized Department:</b>	<b>SCIENCE AND HUMANITIES</b>				
<b>Participant Year:</b>	<b>1/1</b>	<b>Semester:</b>	<b>ODD</b>	<b>No. of Students Registered:</b>	<b>56</b>
<b>Venue:</b>	<b>Lecture halls of I – S&amp;H</b>				

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DEPARTMENT OF SCIENCE AND HUMANITIES

Ref: SCE / S&H /Students / VAC / 2019 – 2020 / ODD


07.10.2019

**CIRCULAR**

In order to bridge the curricular gap between the Academic Syllabus and Industry requirements, Department of Science and Humanities and IQAC of our Institution in association with Southern Scientific Instruments, is organizing a **Value Added Course (VAC)** for the students of S&H, on the title “**Social Responsibility in Engineering**” from **14.10.2019 to 18.10.2019**. At the end of the VAC, course completion certificates will be issued to the eligible participants as per the following norms.

- Students, who are securing **more than 70% on total score in the VAC test** and secured more than 75% in VAC attendance is eligible to receive the course completion certificate for the VAC attended.

<b>Resource Person Details</b>	Mr.P.Manikandan Training centre incharge, Southern Scientific Instruments, Chennai-600077.	Mrs.Lakshmipriya, Manager, Southern Scientific Instruments, Chennai-600077.
<b>Venue</b>	Lecture halls of I - S&H	

  
HoD/S&H

  
17/10/19  
PRINCIPAL

Copy to:

1. Chairman & Secretary for information
2. Principal office
3. IQAC Co-Ordinator
4. Class In charges - I & II year of S&H
5. I & II year of S&H Students
6. S&H Notice Board
7. Department File

  
Dr.M.VIJAYAKUMAR ME., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tirupur (Dt).

DEPARTMENT OF SCIENCE AND HUMANITIES

Ref: SCE / S&H /Students / VAC / 2019 – 2020 / ODD

07.10.2019

**SYLLABUS - VALUE ADDED COURSE**

**“Social Responsibility in Engineering”**

**From 14.10.2019 to 18.10.2019(5 days)**


**Duration : 30 Hours**


**Academic Year : 2019 -2020 / ODD**

S.No.	Topics Covered	Duration (In Hours)	Date
1	Introduction to Social Responsibility in Engineering	3	14.10.2019
2	Ethics in Engineering	3	14.10.2019
3	Sustainable Engineering Practices	3	15.10.2019
4	Community Engagement and Outreach	3	15.10.2019
5	Corporate Social Responsibility (CSR) in Engineering Firms	3	16.10.2019
6	Global Perspectives on Social Responsibility	3	16.10.2019
7	Humanitarian Engineering	3	17.10.2019
8	Inclusive Design and Accessibility	3	17.10.2019
9	Environmental Impact Assessment	3	18.10.2019
10	Professional Codes of Ethics in Engineering	3	18.10.2019
<b>Total Hours</b>		<b>30</b>	

After successful completion of 30 hours VAC, the assessment test for the VAC titled “Social Responsibility in Engineering” will be conducted on 18.10.2019.

  
 VAC Coordinator

  
 HoD/S&H

  
**Dr.M.VIJAYAKUMAR** ME., Ph.D.,  
 PRINCIPAL  
**SASURIE COLLEGE OF ENGINEERING,**  
 Vijayamangalam - 638 056, Tirupur (Dt).

**DEPARTMENT OF SCIENCE AND HUMANITIES**  
**STUDENTS PARTICIPATION LIST - VALUE ADDED COURSE**


**“Social Responsibility in Engineering”**

**From 14.10.2019 to 18.10.2019 (5 days)**

**Duration : 30 Hours**

**Academic Year : 2019 -2020 / ODD**

S.No.	Reg No.	Name of the Student	Year / Branch
1.	732419104001	ABBARNA N	I/CSE
2.	732419104002	ADITHYA S	I/CSE
3.	732419104003	DEEPA T	I/CSE
4.	732419104004	DHEENAMANI E	I/CSE
5.	732419104005	DHINESH KUMAR R	I/CSE
6.	732419104006	ELANGO VAN P	I/CSE
7.	732419104007	GAYATHIRI R	I/CSE
8.	732419104008	GOMATHI J	I/CSE
9.	732419104009	HARI PRASANTH E K	I/CSE
10.	732419104010	HARIPRASATH R	I/CSE
11.	732419104011	INZAMAMULHAQ A	I/CSE
12.	732419104012	JOHNSON KOILRAJ J	I/CSE
13.	732419104013	KAMALEYSWARAN G	I/CSE
14.	732419104014	KANNAN M	I/CSE
15.	732419104015	KARTHIKEYAN P	I/CSE
16.	732419104016	KAVITHALAKSHMI V	I/CSE
17.	732419104017	KAVYA P	I/CSE
18.	732419104018	LAVANYA C	I/CSE
19.	732419104019	MEGANATHAN R	I/CSE
20.	732419104021	MUHIL A K	I/CSE
21.	732419104022	NAVEENA B	I/CSE
22.	732419104023	NIVETHA K	I/CSE
23.	732419104024	PRIYA S	I/CSE
24.	732419104025	RAJA C	I/CSE
25.	732419104026	ROBINSON R	I/CSE
26.	732419104027	SABAREESWARI R	I/CSE
27.	732419104028	SASI KUMAR P	I/CSE
28.	732419104029	SIVAM B	I/CSE
29.	732419104030	SORNALAKSHMI K	I/CSE
30.	732419104031	SUBASHI P	I/CSE


  
**Dr.M.VIJAYAKUMAR ME., Ph.D.,**  
 PRINCIPAL  
 SASURIE COLLEGE OF ENGINEERING,  
 Vijayamangalam - 638 050, Tirupur (Dt).




**STUDENTS PARTICIPATION LIST - VALUE ADDED COURSE**

S.No.	Reg No.	Name of the Student	Year / Branch
31.	732419104032	SUBHASHINI N	I/CSE
32.	732419104033	SUGI A	I/CSE
33.	732419104034	SURIYA R	I/CSE
34.	732419104035	SURYA R	I/CSE
35.	732419106001	FEMEY S	I/ECE
36.	732419106002	KEERTHIKA R	I/ECE
37.	732419106003	MOWNEESH N	I/ECE
38.	732419106004	SARANYA DEVI V	I/ECE
39.	732419106005	UMESH KUMAR S	I/ECE
40.	732419106006	YOGESH S	I/ECE
41.	732419105001	AJITH KUMAR S	I/EEE
42.	732419105002	DINESH M	I/EEE
43.	732419105003	MOHAN S	I/EEE
44.	732419105004	NAVEENKUMAR A	I/EEE
45.	732419105005	PRAVEEN KUMAR M	I/EEE
46.	732419114001	AMUJ.RAJ P	I/MFCH
47.	732419114002	ARUNKUMAR B	I/MFCH
48.	732419114003	KAVIKRISHNAN P	I/MECH
49.	732419114004	KISHORE B	I/MECH
50.	732419114006	PAVENDHAR S	I/MECH
51.	732419114007	PRIYADHARSHAN G	I/MECH
52.	732419114008	SELVENTHIRAN S	I/MECH
53.	732419114009	SIVAKRISHNAN V	I/MECH
54.	732419114010	THIRUNAVUKKARASU S	I/MECH
55.	732419103001	PRAKASH V	I/CIVIL
56.	732419103002	VIPIN H	I/CIVIL

  
VAC Coordinator

  
HoD/S&H

  
Dr. M. VIJAYAKUMAR ME., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tirupur (Dt).

**DEPARTMENT OF SCIENCE AND HUMANITIES**  
**STUDENTS ATTENDANCE LIST-VALUE ADDED COURSE**

**“Social Responsibility in Engineering”**  
**From 14.10.2019 to 18.10.2019(5days)**

**Duration: 30 Hours**

**Academic Year: 2019-2020/ODD**

S.No	Reg No.	Name of the Student	Year/ Branch	14.10.2019		15.10.2019		16.10.2019		17.10.2019		18.10.2019		No. of Hours Attended	Signature of the Student
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
1.	732419104001	ABBARNA N	I CSE	/	/	/	/	/	/	/	/	/	/		
2.	732419104002	ADITHYA S	I CSE	/	/	/	/	a	a	/	/	/	/	30	Adithyan
3.	732419104003	DEEPA T	I CSE	/	/	/	/	/	/	/	/	/	/	27	Deepa T
4.	732419104004	DHEENAMANI E	I CSE	/	/	/	/	/	/	/	/	/	/	30	Dheena M
5.	732419104005	DHNESHKUMAR R	I CSE	/	/	/	/	/	/	/	/	/	/	30	Dhinesh K
6.	732419104006	ELANGO VAN P	I CSE	/	/	/	/	/	/	/	/	/	/	30	Elango V
7.	732419104007	GAYATHIRI R	I CSE	/	/	a	/	/	/	/	/	/	/	27	Gayathiri R
8.	732419104008	GOMATHI J	I CSE	/	a	a	/	/	/	/	/	/	/	24	Gomathi J
9.	732419104009	HARIPRASANTHE K	I CSE	/	/	/	/	/	/	/	/	/	/	27	Hariprasanth K
10.	732419104010	HARIPRASATH R	I CSE	a	/	/	/	/	/	/	/	/	/	27	Hariprasath R
11.	732419104011	INZAMAMULHAQ A	I CSE	/	/	/	/	/	/	/	/	/	/	30	Inzamamulhaq A
12.	732419104012	JOHNSONKOILRAJ J	I CSE	/	/	/	/	/	/	/	/	/	a	24	Johnsonkoilraj J
13.	732419104013	KAMALEYSWARAN G	I CSE	/	/	/	/	/	/	/	/	/	/	30	Kamaleyswaran G

**Dr.M.VIJAYAKUMAR** ME., Ph.D.,

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S.No	Reg No.	Name of the Student	Year/ Branch	14.10.2019		15.10.2019		16.10.2019		17.10.2019		18.10.2019		No. of Hours Attended	Signature of the Student
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
14.	732419104014	KANNAN M	VCSE	/	/	/	/	/	/	/	/	/	/	30	Kannan M
15.	732419104015	KARTHIKEYAN P	VCSE	/	/	/	a	/	/	/	/	/	/	27	Karthikeyan P
16.	732419104016	KAVITHALAKSHMI V	VCSE	/	/	/	/	/	/	/	/	/	/	30	Kavitha V
17.	732419104017	KAVYA P	VCSE	/	a	/	/	/	/	/	/	/	/	27	Kavya P
18.	732419104018	LAVANYA C	VCSE	/	/	/	/	/	/	/	/	/	/	30	Lavanya C
19.	732419104019	MEGANATHAN R	VCSE	/	/	/	/	/	/	/	/	/	/	30	Meganathan R
20.	732419104021	MUHILA K	VCSE	/	/	a	/	/	/	/	/	/	/	27	Muhila K
21.	732419104022	NAVEENA B	VCSE	/	/	/	/	/	/	/	/	/	/	30	Naveena B
22.	732419104023	NIVETHA K	VCSE	/	/	/	/	/	/	/	/	/	/	30	Nivetha K
23.	732419104024	PRIYA S	VCSE	/	/	/	/	/	/	/	/	/	/	30	Priya S
24.	732419104025	RAJA C	VCSE	/	/	/	/	a	a	/	/	/	/	24	Raja C
25.	732419104026	ROBINSON R	VCSE	/	/	/	/	/	/	a	/	/	/	27	Robinson R
26.	732419104027	SABAREESWARI R	VCSE	/	/	/	/	/	/	/	/	/	/	30	Sabareeswari R
27.	732419104028	SASIKUMAR P	VCSE	a	a	/	/	/	/	/	/	/	/	24	Sasikumar P
28.	732419104029	SIVAM B	VCSE	/	/	/	/	/	/	/	/	/	/	30	Sivam B
29.	732419104030	SORNALAKSHMI K	VCSE	/	/	a	/	/	/	/	/	/	/	27	Sornalakshmi K
30.	732419104031	SUBASH P	VCSE	/	/	/	/	/	/	a	a	/	/	24	Subash P
31.	732419104032	SUBHASHINI N	VCSE	/	/	/	/	/	/	/	/	a	/	27	Subhashini N

Dr.M.VIJAYAKUMAR ME., Ph.D.,  
PRINCIPAL




SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 633 056, Tirupur (Ct).



**STUDENTS ATTENDANCE LIST- VALUE ADDED COURSE**

S.No	Reg No.	Name of the Student	Year/ Branch	14.10.2019		15.10.2019		16.10.2019		17.10.2019		18.10.2019		No. of Hours Attended	Signature of the Student
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
32.	732419104033	SUGI A	I/CSE	/	/	/	/	a	a	/	/	/	/	24	Sugi
33.	732419104034	SURIYA R	I/CSE	/	/	a	/	/	/	/	/	/	/	27	Suriya
34.	732419104035	SURYA R	I/CSE	/	/	/	/	/	/	a	/	/	/	27	Surya R
35.	732419106001	FEMEY S	I/ECE	/	/	/	/	/	/	/	/	/	/	30	FEMEY S
36.	732419106002	KEERTHIKA R	I/ECE	/	a	/	/	/	/	/	/	/	/	27	Keerthika R
37.	732419106003	MOWNEESH N	I/ECE	/	/	a	a	/	/	/	/	/	/	24	Mowneesh N
38.	732419106004	SARANYADEVI V	I/ECE	/	/	/	/	/	/	/	/	/	a	27	Saranyadevi V
39.	732419106005	UMESHKUMAR S	I/ECE	/	/	/	/	/	/	/	/	/	/	30	Umesh Kumar S
40.	732419106006	YOGESH S	I/ECE	/	/	/	a	/	/	/	/	/	/	27	Yogesh S
41.	732419105001	AJITHKUMAR S	I/EEE	/	/	/	/	/	/	/	/	/	/	30	Ajith Kumar S
42.	732419105002	DINESH M	I/EEE	/	/	/	/	/	/	/	/	/	/	30	Dinesh M
43.	732419105003	MOHAN S	I/EEE	/	/	/	/	/	/	/	/	/	/	30	Mohan S
44.	732419105004	NAVEENKUMAR A	I/EEE	a	a	/	/	/	/	/	/	/	/	24	Naveenkumar A
45.	732419105005	PRAVEENKUMAR M	I/EEE	/	/	/	/	/	/	/	/	/	/	30	Praveenkumar M
46.	732419114001	AMULRAJ P	I/MECH	/	/	/	/	/	/	/	/	/	/	30	Amulraj P
47.	732419114002	ARUNKUMAR B	I/MECH	/	/	/	/	/	/	a	a	/	/	24	Arunkumar B
48.	732419114003	KAVIKRISHNAN P	I/MECH	/	/	/	/	/	/	/	/	a	a	24	Kavikrishnan P
49.	732419114004	KISHORE B	I/MECH	/	/	/	a	/	/	/	/	/	/	24	Kishore B

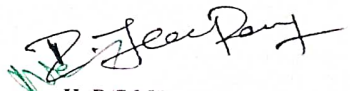
Dr.M.VIJAYAKUMAR ME., Ph.D.,  
PRINCIPAL

 SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 633 056, Tirupur (Dt).

**STUDENTS ATTENDANCE LIST-VALUE ADDED COURSE**

S.No	Reg No.	Name of the Student	Year/ Branch	14.10.2019		15.10.2019		16.10.2019		17.10.2019		18.10.2019		No. of Hours Attended	Signature of the Student
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
50.	732419114006	PAVENDHAR S	I/MECH	/	/	/	/	/	/	/	/	/	/	30	Pavendhar S
51.	732419114007	PRIYADHARSHAN G	I/MECH	/	/	/	a	/	/	/	/	/	/	27	Priyadharshan G
52.	732419114008	SELVENTHIRAN S	I/MECH	/	/	/	/	a	a	/	/	/	/	24	Selventhiran S
53.	732419114009	SIVAKRISHNAN V	I/MECH	/	/	/	/	/	/	/	/	/	/	30	Sivakrishnan V
54.	732419114010	THIRUNAVUKKARASU S	I/MECH	/	/	/	/	/	/	/	/	/	/	30	Thirunavukkarasu S
55.	732419103001	PRAKASH V	I/CIVIL	a	a	/	/	/	/	/	/	/	/	24	Prakash V
56.	732419103002	VIPIN H	I/CIVIL	/	/	/	/	/	/	/	a	/	/	27	Vipin H

  
VACCoordinator

  
HoD/S&H  
Dr. M. VIJAYAKUMAR ME., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayalingam - 605 005, Chennai - 60.

### Report on Value Added Course

Title:	Social Responsibility in Engineering				
Resource Person:	Mr.P.Manikandan Training centre incharge, Southern Scientific Instruments, Chennai-600077.		Mrs.Lakshmipriya, Manager, Southern Scientific Instruments, Chennai-600077.		
Date of conduct from :	14.10.2019	To:	18.10.2019	Duration:	30 Hours
Organized by :	SCIENCE AND HUMANITIES and IQAC in association with Southern Scientific Instruments				
Academic Year:	2019 – 2020		Semester:	ODD	
Participant Year:	I year-S&H		No. of Students Participated :	56	
Venue:	Lecture halls of I - S&H				

### Outcome of Value Added Course (VAC)

At the end of the Course, Students can be able to

- Articulate the concept of social responsibility in the context of engineering and its significance in contemporary society.
- Identify and analyze ethical considerations in engineering scenarios and make informed decisions based on ethical principles.
- Understand the concept of Corporate Social Responsibility (CSR) and apply it to engineering firms.
- Acquire skills in conducting environmental impact assessments for engineering projects.
- Apply professional codes of ethics in engineering, demonstrating a commitment to ethical behavior and responsibility in their professional practice.

### Assessment Process

- Students, who are securing more than 70% on total score in the VAC test and secured more than 75% in VAC attendance is eligible to receive the course completion certificate for the VAC attended
- Total Score = (0.5 \*Attendance in VAC out of 100 percentage + 0.5 \*Test mark in VAC out of 100 marks)

No. of students successfully completed the VAC course is **56 Students** based on the above assessment process.

P. Sivaramani  
VAC Co-ordinator

*P. Jayaram*  
HoD/ S&H

*W. Jayasankar*  
Principal

*W. Jayasankar*

Dr.M.VIJAYAKUMAR ME., Ph.D.,  
PRINCIPAL




DEPARTMENT OF SCIENCE AND HUMANITIES

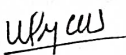
**Certificate of Participation**

This is to Certify that Mr./Ms. VIPIN.H I CIVIL has successfully completed the Value Added Course titled "Social Responsibility in Engineering" Organized by the *Department of Science and Humanities* in association with IQAC of Sasurie College of Engineering and Southern Scientific Instruments from 14.10.2019 to 18.10.2019 (5 days).

  
Co-ordinator

  
Head of the Department

  
Dr.M.VIJAYAKUMAR ME., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 633 056, Tirupur (Dt).

  
Principal

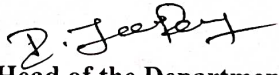



DEPARTMENT OF SCIENCE AND HUMANITIES


**Certificate of Participation**

This is to Certify that Mr./Ms. AMULRAJ.P I MECH has successfully completed the Value Added Course titled "Social Responsibility in Engineering" Organized by the *Department of Science and Humanities* in association with IQAC of Sasurie College of Engineering and Southern Scientific Instruments from 14.10.2019 to 18.10.2019 (5 days).

  
Co-ordinator

  
Head of the Department

  
Dr.M.VIJAYAKUMAR ME., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tiruppur (Dt).

  
Principal

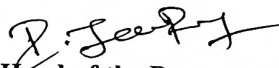


DEPARTMENT OF SCIENCE AND HUMANITIES

**Certificate of Participation**

This is to Certify that Mr./Ms. MOHAN.S I EEE has successfully completed the Value Added Course titled "Social Responsibility in Engineering" Organized by the *Department of Science and Humanities* in association with IQAC of Sasurie College of Engineering and Southern Scientific Instruments from 14.10.2019 to 18.10.2019 (5 days).

  
Co-ordinator

  
Head of the Department

  
Dr.M.VIJAYAKUMAR M.E., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tirupur (Dt).

  
Principal

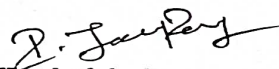


DEPARTMENT OF SCIENCE AND HUMANITIES

Certificate of Participation

This is to Certify that Mr./Ms. YOGESH.S I ECE has successfully completed the Value Added Course titled "Social Responsibility in Engineering" Organized by the *Department of Science and Humanities* in association with IQAC of Sasurie College of Engineering and Southern Scientific Instruments from 14.10.2019 to 18.10.2019 (5 days).

  
Co-ordinator

  
Head of the Department

  
Principal  
Dr.M.VIJAYAKUMAR M.E., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 639 053, Tiruppur (Dt).

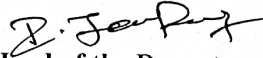


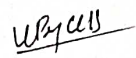
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Vijayamangalam - 638 056, Tirupur (Dt).



DEPARTMENT OF SCIENCE AND HUMANITIES

**TEST QUESTION PAPER - VALUE ADDED COURSE**

**“Social Responsibility in Engineering”**

**From 14.10.2019 to 18.10.2019 (5 days)**

**Duration : 30 Hours**

**Academic Year : 2019 -2020 / ODD**

**Date of Test : 18.10.2019**

**MULTIPLE CHOICE QUESTIONS (25 X 1 = 25 Marks)**

**Name of the Student:**


**Year/Sem:**

**AU Register Number:**


**Answer all the questions:**

1. What is the significance of social responsibility in the field of engineering?
  - a. Optional consideration
  - b. Limited impact
  - c. Essential for sustainable development
  - d. Irrelevant
  
2. Which term refers to the application of ethical principles in engineering practices?
  - a. Social activism
  - b. Ethical engineering
  - c. Professional integrity
  - d. Engineering ethics
  
3. In sustainable engineering, what does the term "green engineering" primarily focus on?
  - a. Economic factors
  - b. Environmental considerations
  - c. Social equity
  - d. Technological innovation
  
4. How can engineers effectively engage with local communities?
  - a. Isolation from community activities
  - b. Limited communication
  - c. Active involvement and collaboration
  - d. Solely focusing on engineering tasks





  
**Dr.M.VIJAYAKUMAR ME., Ph.D.,**  
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Vijayamangalam - 638 056, Tirupur (Dt).

5. What does CSR stand for in the context of engineering firms?
  - a. Customer Service Responsibility
  - b. Corporate Social Responsibility
  - c. Community Support and Recognition
  - d. Centralized Structural Resilience
  
6. Which perspective involves examining social responsibility in the context of global engineering projects?
  - a. Localized view
  - b. International lens
  - c. Regional focus
  - d. National perspective
  
7. Humanitarian engineering primarily aims to address challenges in:
  - a. Urban planning
  - b. Wealthy communities
  - c. Underserved populations
  - d. Corporate environments
  
8. What does "inclusive design" in engineering emphasize?
  - a. Exclusive solutions
  - b. Accessibility and diversity
  - c. Limited user groups
  - d. Elitist designs
  
9. Which assessment method helps identify potential environmental risks in engineering projects?
  - a. Cost-benefit analysis
  - b. Environmental Impact Assessment (EIA)
  - c. Market research
  - d. Social impact analysis
  
10. Professional codes of ethics in engineering are designed to:
  - a. Stifle creativity
  - b. Ensure compliance with regulations
  - c. Promote responsible and ethical behavior
  - d. Ignore ethical considerations
  
11. What is the primary goal of a socially responsible engineering firm?
  - a. Maximizing profits
  - b. Reducing environmental impact
  - c. Ignoring community needs
  - d. Avoiding ethical considerations

  
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Vijayamangalam - 638 056, Tirupur (Dt).

12. In humanitarian engineering, what role does technology play?
  - a. Limited role
  - b. Sole focus
  - c. Supportive tool
  - d. Obstacle
  
13. How can engineers contribute to sustainable development in their projects?
  - a. Prioritize short-term gains
  - b. Disregard environmental impact
  - c. Integrate social, economic, and environmental considerations
  - d. Focus solely on technical aspects
  
14. In community engagement, effective communication involves:
  - a. One-way information flow
  - b. Minimal interaction
  - c. Active listening and collaboration
  - d. Avoiding community input
  
15. What does the term "social equity" refer to in the context of engineering?
  - a. Unequal distribution of resources
  - b. Equal opportunities for all
  - c. Limited social involvement
  - d. Exclusive benefits for select groups
  
16. Which aspect is crucial for designing products that are accessible to diverse populations?
  - a. Limited functionality
  - b. Universal design principles
  - c. Niche targeting
  - d. Exclusivity
  
17. Which global challenge emphasizes the importance of social responsibility in engineering?
  - a. Technological stagnation
  - b. Climate change
  - c. Economic recession
  - d. Political instability
  
18. What is the primary purpose of environmental impact assessments?
  - a. Minimizing social impact
  - b. Identifying potential environmental risks
  - c. Ignoring environmental concerns
  - d. Maximizing economic benefits

  
 **Dr.M.VIJAYAKUMAR** ME., Ph.D.,  
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19. What does the term "ethical dilemma" mean in the context of engineering?
- Straightforward decisions
  - Conflict between ethical principles
  - Ignoring ethics
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20. How does humanitarian engineering differ from traditional engineering practices?
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  - Addresses challenges in wealthy communities
  - Emphasizes community well-being over profits
  - Ignores ethical considerations
21. In CSR, what is the broader impact of responsible business practices on society?
- Limited impact
  - Positive contributions to society
  - No impact on society
  - Negative consequences
22. What is the role of inclusivity in design for engineering projects?
- Restricting user groups
  - Focusing on niche markets
  - Considering diverse user needs
  - Ignores user preferences
23. How can engineers demonstrate their commitment to ethical behavior?
- Ignoring professional codes of ethics
  - Prioritizing personal interests
  - Adhering to professional codes of ethics
  - Avoiding ethical considerations
24. What role does community input play in sustainable engineering?
- Limited relevance
  - Active participation and collaboration
  - Ignored completely
  - Minor consideration
25. What is the primary motivation for engineers to engage in social responsibility initiatives?
- Financial gain
  - Professional development
  - Positive societal impact
  - Avoiding legal consequences

DEPARTMENT OF SCIENCE AND HUMANITIES

**TEST QUESTION ANSWER KEY - VALUE ADDED COURSE**

**“Social Responsibility in Engineering”**

**From 14.10.2019 to 18.10.2019 (5 days)**

**Duration : 30 Hours**

**Academic Year : 2019 -2020 / ODD**

**Date of Test : 18.10.2019**

c	c	6	b	11	b	16	b	21	b
2	d	7	c	12	c	17	b	22	c
3	b	8	b	13	c	18	b	23	c
4	c	9	b	14	c	19	b	24	b
5	b	10	c	15	b	20	c	25	c

  
VAC Coordinator

  
**Dr.M.VIJAYAKUMAR ME., Ph.D.,**  
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 **SASURIE COLLEGE OF ENGINEERING,**  
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DEPARTMENT OF SCIENCE AND HUMANITIES

**TEST QUESTION PAPER - VALUE ADDED COURSE**

**“Social Responsibility in Engineering”**

**From 14.10.2019 to 18.10.2019 (5 days)**

**Duration : 30 Hours**

**Academic Year : 2019 -2020 / ODD**

**Date of Test : 18.10.2019**

**MULTIPLE CHOICE QUESTIONS (25 X 1 = 25 Marks)**

Name of the Student: Deepa.T

Year/Sem: I / I (CSE)

AU Register Number: 732419104003

Answer all the questions:

1. What is the significance of social responsibility in the field of engineering?
  - a. Optional consideration
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2. Which term refers to the application of ethical principles in engineering practices?
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  - a. Isolation from community activities
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  - d. Solely focusing on engineering tasks

19  
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25

*AD*

*M*  
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- c. Community Support and Recognition
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6. Which perspective involves examining social responsibility in the context of global engineering projects?

- a. Localized view
- b. International lens
- c. Regional focus
- d. National perspective

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*M*

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DEPARTMENT OF SCIENCE AND HUMANITIES

**TEST QUESTION PAPER - VALUE ADDED COURSE**

**“Social Responsibility in Engineering”**

**From 14.10.2019 to 18.10.2019 (5 days)**

**Duration : 30 Hours**

**Academic Year : 2019 -2020 / ODD**

**Date of Test : 18.10.2019**

**MULTIPLE CHOICE QUESTIONS (25 X 1 = 25 Marks)**

Name of the Student: **Mownesh.N**

Year/Sem: **I / I (ECE)**

AU Register Number: **73 241 910 6003**

Answer all the questions:

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21  
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25

*MD*

*M*

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*Mo*

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DEPARTMENT OF SCIENCE AND HUMANITIES

TEST QUESTION PAPER - VALUE ADDED COURSE

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**From 14.10.2019 to 18.10.2019 (5 days)**

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**Academic Year : 2019 -2020 / ODD**

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MULTIPLE CHOICE QUESTIONS (25 X 1 = 25 Marks)

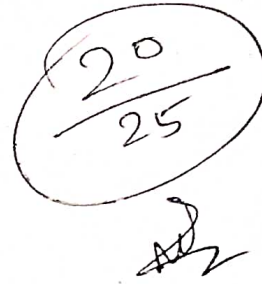
Name of the Student: Dinesh. M

Year/Sem: I / I (EEE)

AU Register Number: 732419105002

Answer all the questions:

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*Me*

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Vijayamangalam - 638 056, Tirupur (Dt).





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*Me*

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DEPARTMENT OF SCIENCE AND HUMANITIES

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**MULTIPLE CHOICE QUESTIONS (25 X 1 = 25 Marks)**

Name of the Student: **AMULRAJ . P**

Year/Sem: **I / I (Mech)**

AU Register Number: **732419114001**

**Answer all the questions:**

1. What is the significance of social responsibility in the field of engineering?
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  - d. Engineering ethics
  
3. In sustainable engineering, what does the term "green engineering" primarily focus on?
  - a. Economic factors
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  - a. Isolation from community activities
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  - d. Solely focusing on engineering tasks

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**Dr.M.VIJAYAKUMAR** M.E., Ph.D.,  
PRINCIPAL  
**SASURIE COLLEGE OF ENGINEERING,**  
Vijayamangalam - 638 056, Tirupur (Dt).

5. What does CSR stand for in the context of engineering firms?
- Customer Service Responsibility
  - Corporate Social Responsibility
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  - Centralized Structural Resilience
6. Which perspective involves examining social responsibility in the context of global engineering projects?
- Localized view
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7. Humanitarian engineering primarily aims to address challenges in:
- Urban planning
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  - Underserved populations
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- Exclusive solutions
  - Accessibility and diversity
  - Limited user groups
  - Elitist designs
9. Which assessment method helps identify potential environmental risks in engineering projects?
- Cost-benefit analysis
  - Environmental Impact Assessment (EIA)
  - Market research
  - Social impact analysis
10. Professional codes of ethics in engineering are designed to:
- Stifle creativity
  - Ensure compliance with regulations
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11. What is the primary goal of a socially responsible engineering firm?
- Maximizing profits
  - Reducing environmental impact
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  - Avoiding ethical considerations



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**SASURIE COLLEGE OF ENGINEERING,**  
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**SASURIE**  
COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi  
Affiliated to Anna University, Chennai

12. In humanitarian engineering, what role does technology play?
- a. Limited role
  - b. Sole focus
  - c. Supportive tool
  - d. Obstacle
13. How can engineers contribute to sustainable development in their projects?
- a. Prioritize short-term gains
  - b. Disregard environmental impact
  - c. Integrate social, economic, and environmental considerations
  - d. Focus solely on technical aspects
14. In community engagement, effective communication involves:
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- a. Unequal distribution of resources
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16. Which aspect is crucial for designing products that are accessible to diverse populations?
- a. Limited functionality
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  - c. Niche targeting
  - d. Exclusivity
17. Which global challenge emphasizes the importance of social responsibility in engineering?
- a. Technological stagnation
  - b. Climate change
  - c. Economic recession
  - d. Political instability
18. What is the primary purpose of environmental impact assessments?
- a. Minimizing social impact
  - b. Identifying potential environmental risks
  - c. Ignoring environmental concerns
  - d. Maximizing economic benefits

  
Dr. M. VIJAYAKUMAR ME., Ph.D.,  
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19. What does the term "ethical dilemma" mean in the context of engineering?
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  - b. Conflict between ethical principles
  - c. Ignoring ethics
  - d. Limited ethical considerations
20. How does humanitarian engineering differ from traditional engineering practices?
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  - c. Emphasizes community well-being over profits
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21. In CSR, what is the broader impact of responsible business practices on society?
- a. Limited impact
  - b. Positive contributions to society
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22. What is the role of inclusivity in design for engineering projects?
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23. How can engineers demonstrate their commitment to ethical behavior?
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24. What role does community input play in sustainable engineering?
- a. Limited relevance
  - b. Active participation and collaboration
  - c. Ignored completely
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25. What is the primary motivation for engineers to engage in social responsibility initiatives?
- a. Financial gain
  - b. Professional development
  - c. Positive societal impact
  - d. Avoiding legal consequences

  
**Dr. M. VIJAYAKUMAR** ME., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 633 056, Tirupur (Dt)

DEPARTMENT OF SCIENCE AND HUMANITIES

**TEST QUESTION PAPER - VALUE ADDED COURSE**

**“Social Responsibility in Engineering”**

**From 14.10.2019 to 18.10.2019 (5 days)**

**Duration : 30 Hours**

**Academic Year : 2019 -2020 / ODD**

**Date of Test : 18.10.2019**

**MULTIPLE CHOICE QUESTIONS (25 X 1 = 25 Marks)**

Name of the Student: Nipin . H

Year/Sem: I / I (Civl)

AU Register Number: 732419103002

**Answer all the questions:**

1. What is the significance of social responsibility in the field of engineering?
  - a. Optional consideration
  - b. Limited impact
  - c. Essential for sustainable development
  - d. Irrelevant
  
2. Which term refers to the application of ethical principles in engineering practices?
  - a. Social activism
  - b. Ethical engineering
  - c. Professional integrity
  - d. Engineering ethics
  
3. In sustainable engineering, what does the term "green engineering" primarily focus on?
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**SASURIE COLLEGE OF ENGINEERING.**

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NO

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**DEPARTMENT OF SCIENCE AND HUMANITIES**  
**ASSESSMENT SHEET-VALUE ADDED COURSE**

**“Social Responsibility in Engineering”**


**From 14.10.2019 to 18.10.2019(5days)**

**Duration:30 Hours**

**Academic Year:2019-2020/ODD**

S.No	Reg No.	Name of the Student	Year/ Branch	Attendance Details		VAC-MCQ TEST		OVERALL Score (100) (50%of A, +50%of B)
				No. of Hours Attended	Attendance Score(100) (A)	No. of Correct Answers	MCQ Score (100) (B)	
1.	732419104001	ABBARNA N	I/CSE	30	100	21	84	92
2.	732419104002	ADITHYA S	I/CSE	27	90	19	76	83
3.	732419104003	DEEPA T	I/CSE	30	100	19	76	88
4.	732419104004	DHEENAMANI E	I/CSE	30	100	19	76	88
5.	732419104005	DHINESHKUMAR R	I/CSE	30	100	21	84	92
6.	732419104006	ELANGOVAN P	I/CSE	27	90	21	84	87
7.	732419104007	GAYATHIRIR	I/CSE	24	80	20	80	80
8.	732419104008	GOMATHI J	I/CSE	27	90	21	84	87
9.	732419104009	HARIPRASANTHE K	I/CSE	30	100	20	80	90
10.	732419104010	HARIPRASATH R	I/CSE	27	90	19	76	83
11.	732419104011	INZAMAMULHAQ A	I/CSE	30	100	19	76	88
12.	732419104012	JOHNSONKOILRAJ J	I/CSE	24	80	20	80	80
13.	732419104013	KAMALEYSWARAN G	I/CSE	30	100	21	84	92

*M*  
**Dr.M.VIJAYAKUMAR** M.E., Ph.D.,  
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**ASSESSMENT SHEET-VALUE ADDED COURSE**

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				No. of Hours Attended	Attendance Score(100) (A)	No. of Correct Answers	MCQ Score (100) (B)	
14.	732419104014	KANNAN M	I/CSE	30	100	21	84	92
15.	732419104015	KARTHIKEYAN P	I/CSE	27	90	19	76	83
16.	732419104016	KAVITHALAKSHMI V	I/CSE	30	100	19	76	88
17.	732419104017	KAVYA P	I/CSE	27	90	21	84	87
18.	732419104018	LAVANYA C	I/CSE	30	100	21	84	92
19.	732419104019	MEGANATHAN R	I/CSE	30	100	21	84	92
20.	732419104021	MUHILA K	I/CSE	27	90	20	80	85
21.	732419104022	NAVEENA B	I/CSE	30	100	19	76	88
22.	732419104023	NIVETHA K	I/CSE	30	100	20	80	90
23.	732419104024	PRIYA S	I/CSE	30	100	21	84	92
24.	732419104025	RAJA C	I/CSE	24	80	20	80	80
25.	732419104026	ROBINSON R	I/CSE	27	90	19	76	83
26.	732419104027	SABAREESWARI R	I/CSE	30	100	19	76	88
27.	732419104028	SASIKUMAR P	I/CSE	24	80	20	80	80
28.	732419104029	SIVAM B	I/CSE	30	100	19	76	88
29.	732419104030	SORNALAKSHMI K	I/CSE	27	90	18	72	81
30.	732419104031	SUBASH P	I/CSE	24	80	20	80	80
31.	732419104032	SUBHASHINI N	I/CSE	27	90	19	76	83
32.	732419104033	SUGI A	I/CSE	24	80	20	80	80
33.	732419104034	SURIYA R	I/CSE	27	90	19	76	83

**ASSESSMENT SHEET-VALUE ADDED COURSE**

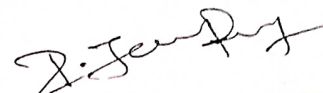
S.No	Reg No.	Name of the Student	Year/ Branch	Attendance Details		VAC-MCQ TEST		OVERALL Score (100) (50%ofA +50%ofB)
				No. of Hours Attended	Attendance Score(100) (A)	No. of Correct Answers	MCQ Score (100) (B)	
34.	732419104035	SURYA R	I/CSE	27	90	19	76	83
35.	732419106001	FEMEY S	I/ECE	30	100	20	80	90
36.	732419106002	KEERTHIKA R	I/ECE	27	90	19	76	83
37.	732419106003	MOWNEESH N	I/ECE	24	80	21	84	82
38.	732419106004	SARANYADEVI V	I/ECE	27	90	20	80	85
39.	732419106005	UMESHKUMAR S	I/ECE	30	100	21	84	92
40.	732419106006	YOGESH S	I/ECE	27	90	20	80	85
41.	732419105001	AJITHKUMAR S	I/EEE	30	100	19	76	88
42.	732419105002	DINESH M	I/EEE	30	100	20	80	90
43.	732419105003	MOHAN S	I/EEE	30	100	21	84	92
44.	732419105004	NAVEENKUMAR A	I/EEE	24	80	20	80	80
45.	732419105005	PRAVEENKUMAR M	I/EEE	30	100	18	72	86
46.	732419114001	AMULRÁJ P	I/MECH	30	100	19	76	88
47.	732419114002	ARUNKUMAR B	I/MECH	24	80	20	80	80
48.	732419114003	KAVIKRISHNAN P	I/MECH	24	80	21	84	82


  
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49.	732419114004	KISHORE B	I/MECH	27	90	19	76	83
50.	732419114006	PAVENDHAR S	I/MECH	30	100	20	80	90
51.	732419114007	PRIYADHARSHAN G	I/MECH	27	90	19	76	83
52.	732419114008	SELVENTHIRAN S	I/MECH	24	80	21	84	82
53.	732419114009	SIVAKRISHNAN V	I/MECH	30	100	18	72	86
54.	732419114010	THIRUNAVUKKARASU S	I/MECH	30	100	18	72	86
55.	732419103001	PRAKASH V	I/CIVIL	24	80	21	84	82
56.	732419103002	VIPIN H	I/CIVIL	27	90	20	80	85

  
VAC Coordinator

  
HOD/S&H

  
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