Shri Balasaheb Mane Shikshan Prasarak Mandal's, Ambap's

ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRICAL ENGINEERING

PROGRAMME OUTCOME ATTAINMENT AND GAP ASSESSMENT

2022-23 Pass out Batch

Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Basic Civil and Mechanical Engineering	2.88													
Basic Electrical Engineering	2.81	1.87			1.87			0.94	1.87					
Engineering Communication								1.25	1.30	1.10		1.10		
Computer Programming in C	1.65	0.82					0.82		0.82					
Engineering Chemistry	1.87	0.94					0.94		0.94					
Engineering Chemistry Lab	1.87	0.94					0.94		0.94					
Energy and Environment Engineering	1.91	0.96					0.96		0.96			0.92		
Engineering Physics	1.87	0.93					0.93		0.93					
Engineering Graphics	2.70	2.68								2.68				
Engineering Graphics Lab	2.9	2.9								2.9				
Engineering Mathematics-I	1.85	1.23	0.62						0.62			0.62		
Engineering Mathematics-II	2.72	1.81												
Workshop Practices	1.72	0.96					0.96		0.96		0.96	1.15		
Engineering Mathematics-III	2.5	1.6	1.7											
Network Analysis and Synthesis	2.4	2.0	1.4	1.8										
Fluid Mechanics and Thermal Engineering	1.8	1.8	1.8	1.8										

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FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRICAL ENGINEERING

Measurement and Instrumentation	2.0	2.7	1.5	1.8		0.9	1.8					0.9		
Elective=I Electrical Engineering Materials	2.4	1.8	2.7		1.8									
Basic Human Rights	2.5	1.7							1.9					
Engineering Economics	1.8	2.4			1.8							2.7		
Network Analysis and Synthesis Lab	1.2	0.9	0.7						0.5	0.3	0.3	0.8		
Measurement and Instrumentation Lab	1.6	1.4	1.5	1.5	2.3			0.8	1.5	1.5		1.5		
Field Training	1.1	1.1	0.5	0.9		0.9		1.2	0.8		0.5	1.1		0.6
Electrical Machine-I	2.2	1.4	0.9		0.9	0.9	0.9		0.9					
Power System-I	2.8	1.9			1.5									
Electrical Installation and Estimation	2.2	2.3			1.9	1.9			1.9					
Numerical Methods and Programming	1.9	2.2	2.4	1.3	1.9									
Elective –II Analog and Digital electronics	2.2	1.4	0.9		0.9	0.9	0.9		0.9					
Elective –III Introduction to Non-conventional Energy Resources	2.8					2.2	2.6							
Electrical Machine-I Lab	1.5	1.5	0.0	1.5			1.5				1.5			
Power System lab - I	1.4	1.4	1.4	1.4	2.1			0.7	1.4	1.4		1.4		
Numerical Methods and Programming Lab	0.7	1.8	1.6	1.1	1.6									
Elective-II Lab Analog and Digital electronics Lab	0.8	0.9	1.0	0.6	1.0					0.6		1.0		
Electrical Machine-II	2.1	1.3	0.9		0.9	0.9	0.9		0.9	0.9		1.1		
Power System-II	2.7	2.4	1.8		2.7									

Microprocessor and Microcontroller	2.1	1.8	1.2	0.8										
Advances in Renewable Energy Sources.	1.8	1.3					1.9						0.8	1.6
Power Plant Engineering.	2.7	1.1				0.9	2.5							
Control System	1.1	1.1	1.1	1.1	1.7			0.6	1.1	1.1		1.1		
Principles of Electrical Machine Design	2.4	1.9	2.3		2.5							2.1		
Power Electronics	0.9	0.9	0.8	0.7	1.0			0.3	0.6	0.6		0.9		
Industrial automation and Control	1.5	0.6	0.9	0.6	0.0	0.4	0.3	0.3	0.4	0.0		0.0		
Switch Gear and Protection	1.0	0.7	0.7	0.8	0.8				0.5					
Project Management	1.5	1.1	1.4	1.1	1.1						1.1			
Control System-II Lab	1.7			1.5										
Principles of Electrical Machine Design Lab	1.2	1.3		2.2	2.2				0.7					
Power Electronics Lab	1.5	1.4			1.7			0.6	0.6	0.6	0.6	0.8		
Power System Operation & Control	1.1	1.1	1.1	1.1						0.5	1.1	1.1		
High Voltage Engineering	2.7	3.0		2.0										
Electrical Drives	1.4	1.4	1.9	1.4									1.4	
Elective-IX Electrical Traction & Utilization	1.5	0.0	0.0	1.5	2.2									
High Voltage Engineering Lab	2.0	1.7	1.9		2.3									
Electrical Drives Lab	1.3	1.1	1.2		1.4							1.3		
Seminar	1.5	2.2	1.5											
Project Part-I	1.4	1.1	0.6									0.7		

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FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRICAL ENGINEERING

Field Training /Internship/Industrial Training III	1.8	0.9	2.1	1.8		1.8	1.8	1.8			1.8	0.9		
Entrepreneurship Essentials	0.9	2.2		2.7	0.9	0.9	1.8	0.9		2.7				
Introduction to Industry 4.0 and Industrial Internet of Things	1.8	2.7	1.3	1.8										
Project - II	**2.6**	**2.8**		**2.3**		**2.4**				**2.8**	**2.8**			3.0
PO Attainment through Results	**1.8**	**1.5**	**1.3**	**1.4**	**1.5**	**1.1**	**1.2**	**0.8**	**0.9**	**1.2**	**1.2**	**1.1**	**1.1**	**1.7**
80 % of PO Attainment through results (A)	**1.5**	**1.2**	**1.0**	**1.1**	**1.2**	**0.9**	**1.0**	**0.6**	**0.8**	**1.0**	**1.0**	**0.9**	**0.9**	**1.4**
Aluminy Survey(B)	**3.0**	**3.0**	**3.0**	**3.0**	**3.0**	**3.0**	**3.0**	**3.0**	**3.0**	**3.0**	**3.0**	**3.0**	**3.0**	**3.0**
10% Aluminy Survey	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**
Employers Survey	**3.0**	**2.0**	**2.0**	**2.0**	**3.0**	**2.0**	**2.0**	**3.0**	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**
10% Employers Survey ©	**0.3**	**0.2**	**0.2**	**0.2**	**0.3**	**0.2**	**0.2**	**0.3**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**
A+B+C	**2.1**	**1.7**	**1.5**	**1.6**	**1.8**	**1.4**	**1.5**	**1.2**	**1.3**	**1.5**	**1.5**	**1.4**	**1.4**	**1.9**
Target Value	**2.3**	**2.1**	**1.9**	**2.0**	**2.4**	**1.9**	**1.8**	**1.6**	**1.7**	**1.8**	**1.9**	**1.8**	**1.5**	**1.6**
Gap Value	**-0.3**	**-0.3**	**-0.4**	**-0.3**	**-0.6**	**-0.4**	**-0.4**	**-0.4**	**-0.4**	**-0.3**	**-0.4**	**-0.4**	**-0.1**	**0.3**

Ashokrao Mane Group of Institutions * Electrical Engineering Department * Vathar Tarf Vadgaon *

HOD
Electrical Engineering
AMGOI, Faculty of Engineering
Vathar Tarf Vadgaon,
Tal. Hatkanangale, Dist. Kolhapur

Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's
ASHOKRAO MANE GROUP OF INSTITUTIONS
Department of Electrical Engineering
Academic Year:2020-2021
Sem IV

Course Name: Electrical Machine-I (BTEEC401)

Sr.No.	COURSE OUTCOME
C401.1	Understand construction & operating principle of 1 phase transformer.
C401.2	Working and construction of 3 phase transformrr.
C401.3	Understand operating principle of DC generators and DC
C401.4	Analyze the operating principles of DC motors.
C401.5	Understand special Motors.

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	1			1							1		
CO2	3	1			1							1		
CO3	3	2			1				1	1		2		
CO4	1		1			1	1					1		
CO5	2	2										1		
Avg.	2.4	1.5	1		1	1	1		1	1		1		

DBATU MARKING STRUCTURE	Internal Examination		End Semester Examination (ESE)
	CA1	10	60
	CA2	10	
	MSE	20	

Attainment Level of CA1, CA2, ESE

	CA1	CA2	ESE
NO. OF STUDENTS APPEARED	113	113	113
THRESHOLD MARKS	107	107	112
%	94.69	94.69027	99.11504
Attainment level	3	3	3

Attainment Level of MSE

Total Number of Students	113	113	113	113	113	113	113	113	113
Number of Students attended the Question	113	113	113	113	113	113	97	60	72
Number of Students attended the threshold value	94	88	78	79	109	107	93	55	65
Percentage Attended Questions	83	77.9	69	69.9	96.5	94.7	95.9	91.7	90.3
Attainment Level	3	3	3	3	3	3	3	3	3

Direct Assessment

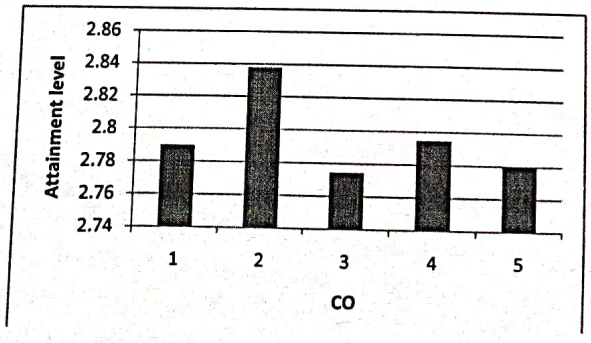
CO'S	Assessment Tool (Internal Examination/External Examination)	Internal Examination (IE)		External Examination (EE)	Direct CO Attainment=((0.4*IE Attainment Level)+(0.6*EE Attainment Level)
		Attainment Level	Average Attainment level	Attainment level	
CO1	CA1	3	3.00	3	3
	MSE	3			
CO2	CA1	3	3	3	3
	MSE	3			
CO3	CA2	3	3	3	3
CO4	CA2	3	3	3	3
CO5	CA2	3	3	3	3

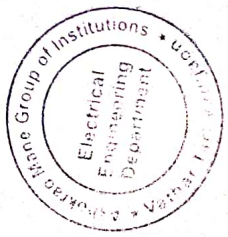
Indirect CO Attainment

Computation of CO Indirect Attainment in the course:					
COs	CO1	CO2	CO3	CO4	CO5
Student Answered Level 1	23	19	31	26	29
Student Answered Level 2	37	26	27	29	29
Student Answered Level 3	19	34	21	24	21
Total Student Participated	79	79	79	79	79
CO Attainment	1.95	2.19	1.87	1.97	1.898734

Overall CO Attainment=((0.2*IA Attainment Level)+(0.8*DA Attainment Level)

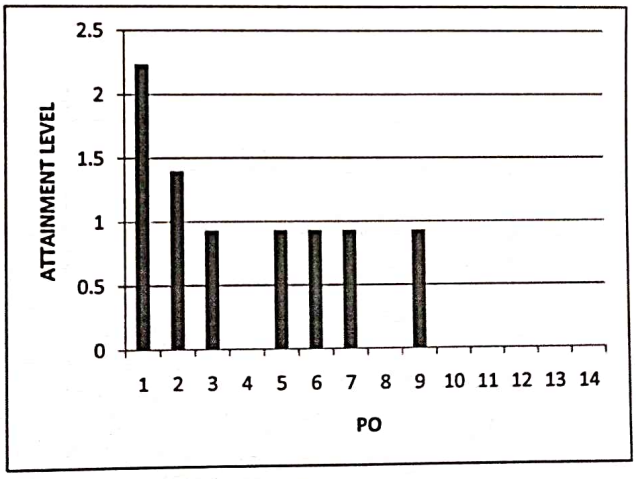
CO	DA	IA	Overall
CO1	3	1.949367	2.789873
CO2	3	2.189873	2.837975
CO3	3	1.873418	2.774684
CO4	3	1.974684	2.794937
CO5	3	1.898734	2.779747
		Average	2.795443





PO Attainment

PO	Attainment Level	
PO1	2.236354	YES
PO2	1.397722	YES
PO3	0.931814	YES
PO4		NA
PO5	0.931814	YES
PO6	0.931814	YES
PO7	0.931814	YES
PO8		NA
PO9	0.931814	YES
PO10		NA
PO11		NA
PO12		NA
PO13		NA
PO14		NA



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ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRICAL ENGINEERING

Program Exit Survey Form

Academic Year: 2022-23

Name: Shailaja Shantinath Patil Class/Roll No. 74

Year of Graduation: 2022-23 E-mail ID Shailajap290@gmail.com

Contact Number: 9511683430.

Dear Students,

The Program Exit Survey is conducted with every AMGOI student who is graduating. For the continuous improvement of the department, it is very important for us to get feedback from you while leaving the institute. We appreciate your participation to fill it out. Please take a moment to complete this feedback form.

FACILITIES PROVIDED IN THE INSTITUTE

SCALE: 5-VERY GOOD; 4-GOOD; 3-NEUTRAL; 2-BAD; 1-VERY BAD

	5	4	3	2	1	Comments
1. Quality of the facilities provided: -						
i. Classrooms (Projector, Teaching Aid etc)	☐	☑	☐	☐	☐	
ii. Laboratories (Quality and quantity of instruments, sufficient hands on practice, space)	☐	☑	☐	☐	☐	
iii. Computing facilities (No. of terminals, software)	☐	☑	☐	☐	☐	
iv. Library (Reading room, reference books, timely availability)	☐	☑	☐	☐	☐	
v. Internet facility (Speed, connectivity)	☐	☑	☐	☐	☐	
2. Administrative & other facilities:-						
i. Central Office (No. of windows, Availability and timely service)	☐	☐	☑	☐	☐	
ii. T & P Cell (Training facilities and placement opportunities)	☐	☐	☑	☐	☐	
iii. Stores	☐	☑	☐	☐	☐	
iv. Canteen facility	☐	☑	☐	☐	☐	
v. Sports(Facilities for indoor/outdoor games)	☐	☑	☐	☐	☐	
vi. Facilities for Co-curricular activities (workshops, STTPs, expert lectures etc.)	☐	☑	☐	☐	☐	
vii. Facilities for Extra-curricular activities (NSS, sports, cultural activities etc.)	☑	☐	☐	☐	☐	
3. Rate your department's performance in keeping speed with recent trends and developments in your field	☐	☑	☐	☐	☐	
4. Quality of advise by the staff with respect to Academic and Career Planning	☑	☐	☐	☐	☐	

ACADEMIC AND OTHER SKILLS DEVELOPED DURING GRADUATION

SCALE: 5- STRONGLY AGREE; 4 – AGREE; 3 – NEUTRAL; 2 -DISAGREE; 1 – STRONGLY DISAGREE

	5	4	3	2	1	Comments
A. Upon graduation you						
1. possess the necessary depth and breadth in mathematics, science, and engineering to solve complex engineering problems (PO1)	☑	☐	☐	☐	☐	
2. Apply problem-solving and creative abilities involving processes and technological systems. (PO2).	☑	☐	☐	☐	☐	
3. Design complex engineering system and develop the solutions that meet the specified needs of society considering public health, safety, cultural and environmental issues (PO3, PO6).	☐	☑	☐	☐	☐	
4. conduct investigations of complex problems by designing, analyzing and synthesizing experiments to provide valid conclusions (PO4)	☐	☑	☐	☐	☐	
5. apply skills to use modern engineering and IT tools, creative abilities, positive self-concepts, and individual potentials(PO5)	☐	☑	☐	☐	☐	
6. Understand importance of society and environment to provide solution for sustainable development in professional engineering (PO7) .	☐	☑	☐	☐	☐	
7. apply values and ethics as they relate to engineering practice(PO8)	☑	☐	☐	☐	☐	
8. work effectively as an individual or as a leader in a diverse teams (PO9)	☐	☑	☐	☐	☐	
9. communicate effectively with engineering community on complex engineering activities and write documents /reports effectively (PO10)	☐	☑	☐	☐	☐	
10. Demonstrate knowledge and understanding of project management and financial issues (PO11).	☐	☑	☐	☐	☐	
11. engage in independent and life-long learning in the broadest context of contemporary issues (PO12)	☐	☑	☐	☐	☐	
12. Understand contemporary issues in electrical power like power trading and PLC.(PSO1)	☑	☐	☐	☐	☐	
13. Understand the importance and implementation of Nonconventional Energy Sources(PSO2)	☐	☑	☐	☐	☐	

B. Will you recommend other aspirants to join this institute? Yes ☑ No ☐

C. Your Future plans: Further Education/ Employment in Industry/ Own business/ Government Service/ Defense services/ Social service

D. Suggestions for overall development of the institute.

Date: 21/06/2023.

Place: Vathar.

Signature of student

Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's
ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR
FACULTY OF ENGINEERING
DEPARTMENT OF ELECTRICAL ENGINEERING

Program Exit Survey Form

Academic Year: 2022-23

Name: Ms. Sneha Dilip Patil Class/Roll No. B.Tech 75

Year of Graduation: 2023 E-mail ID patilsneha794@gmail.com

Contact Number: 9373870668

Dear Students,

The Program Exit Survey is conducted with every AMGOI student who is graduating. For the continuous improvement of the department, it is very important for us to get feedback from you while leaving the institute. We appreciate your participation to fill it out. Please take a moment to complete this feedback form.

FACILITIES PROVIDED IN THE INSTITUTE

SCALE: 5-VERY GOOD; 4-GOOD; 3-NEUTRAL; 2-BAD; 1-VERY BAD

	5	4	3	2	1	Comments
1. Quality of the facilities provided: -						
i. Classrooms (Projector, Teaching Aid etc)	☐	☑	☐	☐	☐	
ii. Laboratories (Quality and quantity of instruments, sufficient hands on practice, space)	☐	☑	☐	☐	☐	
iii. Computing facilities (No. of terminals, software)	☐	☐	☑	☐	☐	
iv. Library (Reading room, reference books, timely availability)	☐	☑	☐	☐	☐	
v. Internet facility (Speed, connectivity)	☐	☑	☐	☐	☐	
2. Administrative & other facilities:-						
i. Central Office (No. of windows, Availability and timely service)	☐	☑	☐	☐	☐	
ii. T & P Cell (Training facilities and placement opportunities)	☐	☐	☐	☑	☐	
iii. Stores	☐	☐	☐	☑	☐	
iv. Canteen facility	☐	☐	☐	☑	☐	
v. Sports(Facilities for indoor/outdoor games)	☐	☐	☑	☐	☐	
vi. Facilities for Co-curricular activities (workshops, STTPs, expert lectures etc.)	☐	☐	☑	☐	☐	
vii. Facilities for Extra-curricular activities (NSS, sports, cultural activities etc.)	☐	☐	☑	☐	☐	
3. Rate your department's performance in keeping speed with recent trends and developments in your field	☐	☐	☑	☐	☐	
4. Quality of advise by the staff with respect to Academic and Career Planning	☐	☐	☑	☐	☐	

ACADEMIC AND OTHER SKILLS DEVELOPED DURING GRADUATION

SCALE: 5- STRONGLY AGREE; 4 – AGREE; 3 – NEUTRAL; 2 -DISAGREE; 1 – STRONGLY DISAGREE

	5	4	3	2	1	Comments
A. Upon graduation you						
1. possess the necessary depth and breadth in mathematics, science, and engineering to solve complex engineering problems (PO1)	☐	☐	☑	☐	☐	
2. Apply problem-solving and creative abilities involving processes and technological systems. (PO2).	☐	☐	☑	☐	☐	
3. Design complex engineering system and develop the solutions that meet the specified needs of society considering public health, safety, cultural and environmental issues (PO3, PO6).	☐	☑	☐	☐	☐	
4. conduct investigations of complex problems by designing, analyzing and synthesizing experiments to provide valid conclusions (PO4)	☐	☐	☑	☐	☐	
5. apply skills to use modern engineering and IT tools, creative abilities, positive self-concepts, and individual potentials(PO5)	☐	☐	☑	☐	☐	
6. Understand importance of society and environment to provide solution for sustainable development in professional engineering (PO7) .	☐	☑	☐	☐	☐	
7. apply values and ethics as they relate to engineering practice(PO8)	☐	☑	☐	☐	☐	
8. work effectively as an individual or as a leader in a diverse teams (PO9)	☐	☑	☐	☐	☐	
9. communicate effectively with engineering community on complex engineering activities and write documents /reports effectively (PO10)	☐	☐	☑	☐	☐	
10. Demonstrate knowledge and understanding of project management and financial issues (PO11).	☐	☑	☐	☐	☐	
11. engage in independent and life-long learning in the broadest context of contemporary issues (PO12)	☐	☐	☑	☐	☐	
12. Understand contemporary issues in electrical power like power trading and PLC.(PSO1)	☐	☑	☐	☐	☐	
13. Understand the importance and implementation of Nonconventional Energy Sources(PSO2)	☐	☑	☐	☐	☐	

B. Will you recommend other aspirants to join this institute? Yes ☑ No ☐

C. Your Future plans: Further Education/ Employment in Industry/ Own business/ Government Service/ Defense services/ Social service

D. Suggestions for overall development of the institute.

Date: 6-6-2023

Place: Vathar

Signature of student

Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRICAL ENGINEERING

ALUMNI SURVEY

Name : Miss. Shilpa Bajirao Mali

Organization : Dy. DYPCAET, Talsande

Program & Discipline: Electrical Engg.

Designation: Ass.H. prof.

Year of Graduation: 2014

Experience: 9 Years.

You are requested to peruse the program education objectives, program outcomes and curriculum for giving your prudent feedback on the following by marking (√) in the appropriate box. Note: 1 is low and 5 is high

I. KNOWLEDGE:

i. The extent of knowledge of mathematics and basic sciences useful in your career exploration and progression.

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

ii. Depth of core courses relevant to your professional aspiration

1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☑

iii. The diversity of electives offered helped in expanding the breadth of knowledge.

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

II. SKILLS

a. Analyze complex engineering problems acquired during the program for providing solutions in your career

1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☑

b. Design solutions, system components or processes for complex engineering problems to meet the specified needs

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

c. synthesis of knowledge, design skills and analysis and interpretation of data to provide valid conclusions

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

d. The level of communication skills developed during the program useful in your profession.

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

III. APPLICATION

i. Competency to apply modern tools and technologies in your profession

1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☑

ii. The level of comfort in decision making and project management skills in your profession.

1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☑

IV. ATTITUDE

i. Function effectively as an individual and as a member or leader in diverse teams

1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☑

ii. Awareness to societal responsibilities relevant to the profession while providing solutions

1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☑

iii. Understanding of the impact of the professional engineering solutions in compliance to environmental consciousness

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

iv. Application of ethical principles and code in profession

1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☑

v. Attitude to upgrade your skills and knowledge through quality improvement programs and higher education.

1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☑

Suggestions for change of syllabus in the existing courses and inclusion of new courses/ technologies/ tools etc to be included in the curriculum:

Date: 18/04/2023

Time:

Signature

Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRICAL ENGINEERING

ALUMNI SURVEY

Name : Patil Suhas Krishnaat. Organization : Tata Motors.

Program & Discipline: Electrical Designation: Manager

Year of Graduation: 2014 Experience: 8 yrs

You are requested to peruse the program education objectives, program outcomes and curriculum for giving your prudent feedback on the following by marking (√) in the appropriate box. Note: 1 is low and 5 is high

I. KNOWLEDGE:

i. The extent of knowledge of mathematics and basic sciences useful in your career exploration and progression.

1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☑

ii. Depth of core courses relevant to your professional aspiration

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

iii. The diversity of electives offered helped in expanding the breadth of knowledge.

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

II. SKILLS

a. Analyze complex engineering problems acquired during the program for providing solutions in your career

1 ☐ 2 ☐ 3 ☑ 4 ☐ 5 ☐

b. Design solutions, system components or processes for complex engineering problems to meet the specified needs

1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☑

c. synthesis of knowledge, design skills and analysis and interpretation of data to provide valid conclusions

1 ☐ 2 ☐ 3 ☑ 4 ☐ 5 ☐

d. The level of communication skills developed during the program useful in your profession.

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

III. APPLICATION

i. Competency to apply modern tools and technologies in your profession

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

ii. The level of comfort in decision making and project management skills in your profession.

1 ☐ 2 ☐ 3 ☑ 4 ☐ 5 ☐

IV. ATTITUDE

i. Function effectively as an individual and as a member or leader in diverse teams

1 ☐ 2 ☐ 3 ☑ 4 ☐ 5 ☐

ii. Awareness to societal responsibilities relevant to the profession while providing solutions

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

iii. Understanding of the impact of the professional engineering solutions in compliance to environmental consciousness

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

iv. Application of ethical principles and code in profession

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

v. Attitude to upgrade your skills and knowledge through quality improvement programs and higher education.

1 ☐ 2 ☐ 3 ☑ 4 ☐ 5 ☐

Suggestions for change of syllabus in the existing courses and inclusion of new courses/ technologies/ tools etc to be included in the curriculum:

For Electric Vehicle design & development - required soft. ~~skills~~ skills like, Catia, Autocad, Solid works. English communication & positive attitude req in professional world.
↓
(wiring harness development)

Date: 18/04/23

Time: 3.45 pm.

Signature

Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRICAL ENGINEERING

EMPLOYER SURVEY

Name: Dr. Abhijeet Rajendra Shete Specialization: Power quality

Designation: Director. Name of Industry: Sharda Electronics & co

Experience: 9 yr.

You are requested to peruse the program education objectives, program outcomesand curriculum for giving your prudent feedback on the following by marking (√) inthe appropriate box.

Note: 1 is low and 5 is high

I. KNOWLEDGE:

i. Program covers all the requisite knowledge content suitable for employment.

1 ☐ 2 ☐ 3 ☑ 4 ☐ 5 ☐

ii. Broad curricular areas help the student in gaining knowledge for securing a job and subsequent progression

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

iii. Elective courses offered are contemporary enough to suit the needs of the organization.

1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☑

II. SKILLS

i. The standard of quality of skills to implement the project upon induction.

a) Analysis of critical real time problems

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

b) Design and development of systems, models and processes

1 ☐ 2 ☐ 3 ☑ 4 ☐ 5 ☐

c) Problem solving abilities to arrive at feasible solutions

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

ii. Curricular components – projects, seminars help the students in gaining skills to prepare project proposals and reports.

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRICAL ENGINEERING

III. APPLICATION

a) Recruiter's ability to apply their knowledge, skills and modern tools and software for appropriate solutions in the assigned project domain.

1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☑

b) Applying managerial, administrative principles with financial literacy for successful project execution

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

IV. ATTITUDE

1) The extent of individual skills and contribution to the Recruiter's team in the project.

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

2) Awareness to societal responsibilities relevant to the profession while providing solutions

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

3) Recruiter's sensitivity to social needs in bringing innovative proposal and ideas

1 ☑ 2 3 ☐ 4 ☑ 5 ☐ ☐

4) Commitment and ethical values of the Recruiter

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

5) recruiter shows enthusiasm to upgrade the skill set and knowledge for new assignments and professional development.

1 ☐ 2 ☐ 3 ☑ 4 ☐ 5 ☐

Suggestions for change of syllabus in the existing courses and inclusion of new courses/ technologies/ tools etc to be included in the curriculum:

Date: 18/10/2022

Time: 11 am

Signature

SHARDA ELECTRONICS & CO. M.I.D.C. KUPWAD SANGLI

Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRICAL ENGINEERING

EMPLOYER SURVEY

Name: Mr. Pawan C. Bidkar Specialization: M-Tech,

Designation: Technical Director Name of Industry: -Shiv Solar Company

Experience: at SSC 3years, overall 5years Industrial Experin.

You are requested to peruse the program education objectives, program outcomesand curriculum for giving your prudent feedback on the following by marking (√) inthe appropriate box.

Note: 1 is low and 5 is high

I. KNOWLEDGE:

i. Program covers all the requisite knowledge content suitable for employment.

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

ii. Broad curricular areas help the student in gaining knowledge for securing a job and subsequent progression

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

iii. Elective courses offered are contemporary enough to suit the needs of the organization.

1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☑

II. SKILLS

i. The standard of quality of skills to implement the project upon induction.

a) Analysis of critical real time problems

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

b) Design and development of systems, models and processes

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

c) Problem solving abilities to arrive at feasible solutions

1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☑

ii. Curricular components – projects, seminars help the students in gaining skills to prepare project proposals and reports.

1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☑

Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

ASHOKRAO MANE GROUP OF INSTITUTIONS, VATHAR

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRICAL ENGINEERING

III. APPLICATION

a) Recruiter's ability to apply their knowledge, skills and modern tools and software for appropriate solutions in the assigned project domain.

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

b) Applying managerial, administrative principles with financial literacy for successful project execution

1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☑

IV. ATTITUDE

1) The extent of individual skills and contribution to the Recruiter's team in the project.

1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☑

2) Awareness to societal responsibilities relevant to the profession while providing solutions

1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☑

3) Recruiter's sensitivity to social needs in bringing innovative proposal and ideas

1 ☑ 2 3 ☐ 4 ☐ 5 ☐ ☑

4) Commitment and ethical values of the Recruiter

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

5) recruiter shows enthusiasm to upgrade the skill set and knowledge for new assignments and professional development.

1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐

Suggestions for change of syllabus in the existing courses and inclusion of new courses/ technologies/ tools etc to be included in the curriculum:

If possible add Solar sector related course or take some sessions. on software like pvsyst etc.

Date: 07/01/2023

Time: 11am

For Shiv Solar Company

Signature

Partner