1.4.2 Feedback collected, analyzed and action taken and feedback available on website

<u>TO WHOMSOEVER IT MAY CONCERN</u>

This is to certify that Mohamed Sathak A J College of Engineering has adopted a Feedback System through Online using Google forms for review of curriculum and takes suggestions from stakeholders like students, teachers, employers, alumni for each programme and it will improve to fine-tune the teaching learning process and the curriculum through value added courses, inculcating content beyond syllabus in theory and lab courses.

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Chennai-603 103.

No:34, Rajiv Gandhi Road (OMR), IT Highway, Siruseri IT Park, Chennai - 603 103.

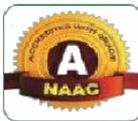044-2747 0024   99400 04500   principal@msajce-edu.in   www.msajce-edu.in   **MSAJCE**

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FEEDBACK POLICY

Mohamed Sathak AJ College of Engineering understands that teaching learning process for the continuous refinement. To capacitate this process of continuous refinement, our institution has adopted afeedback system that takes suggestion from stockholders such as students, teachers, alumni and employer of each programme for every academic year. Once feedback is collected, analyze the feedbacks, valuable suggestion given were considered, necessary actions was executed and submit action taken report to the appropriate bodies.

FEEDBACK COLLECTION PROCESS:

- Feedback form with complete curriculum based questionnaires is designed in Google Forms.

- Feedback links are shared with stockholders for collection of feedback and specific time limit has been allotted for the process.

- In feedback Questionnaire generally ten to twenty questions are asked and they are required to give the remarks like Excellent, Very Good, Satisfactory, and Unsatisfactory.

Process	Remarks
Feedback Collection	Applicable to all courses collected through Google Forms
Feedback Receiver	Head of the department
Frequency of feedback collection	Once in a year
Metrics used for calculation	5-Excellent, 4-Very Good, 3-Good, 2-Satisfactory, 1-Unsatisfactory
Target (%)	80%(Excellent & Very Good)
Action Taken / Corrective Measures Taken	Below 80%

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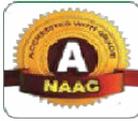
FEEDBACK ANALYSIS PROCESS:

- The Feedback given by the stockholders consolidated and analyzed. The analysis report has been generated by stockholder wise and reviewed in department meeting along with the department IQAC Coordinator and come out with necessary action.

- For each questions, target has been set before the collection of feedback. In the analysis report all the suggestions and comments given by the stockholder are forwarded to the department advisory board. Also recommend taking the necessary action to include the real time problem solving skills in the curriculum and syllabi that would enable the students meet the industry requirements.

- If the response is below the target level, special committee has been formed to take required corrective actions.

EXECUTION OF ACTION / CORRECTIVE MEASURES TAKEN:

- The special committee is formed to plan the road map and executes the action proposed by IQAC.

- Technical Training and COE classes are being conducted to improve their skills.

- Various clubs has been inaugurated for the welfare of the students.

- Many sophisticated equipment's were purchased to carry out active research.

- Industry internship is introduced in the curriculum, Provision is made to do project completely in industry.

- Technical classes are conducted to students and Mock interview, Quizzes are conducted through COE.

- Carrier guidance programmes and aptitude class were conducted through our Centre of excellence.

- Signed MOU with various companies for conducting workshops, seminar and internship programme.

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- Case study assignments were given to the students. This helped them to acquire problem solving skills.

- Extra communication skills courses are given to students as Value Added courses.

- General aptitude and technical training classes are conducted through COE.

- Academic audit was conducted in the department level and the inputs received were documented and suggestions were taken forward.

- Special workshops are conducted to the students on coding, Mat lab, python, robotics etc…

- Each Action taken is documented. At the end of the academic year analysis report and action taken report are made available in website.

- More events and training were conducted from second year itself for higher studies or placements.

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ANALYSIS OF FEEDBACK 2023-24
STUDENT FEEDBACK ON CURRICULUM
PERCENTAGE OF RESPOSES RUBRICS WISE QUESTION WISE

Q.no	Questions	Excellent	Very Good	Good	Fair	Poor
1	Rate the sequence of the courses as per the courses studied in the previous semesters	23	31	40	5	1
2	Rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course	28	25	42	4	1
3	Rate the relevance of the units in Syllabus relevant to the course	33	27	35	3	2
4	Rate the sequence of the units in the course	29	27	36	5	1
5	Rate the allocation of the credits to the courses	28	27	39	5	1
6	Rate the distribution of the contact hours among the course components (Lecture-Tutorial Lectures-Practical)	27	28	38	7	0
7	Rate the offering of the electives in terms of their relevance to the specialization streams	29	26	38	5	2
8	Rate the electives offered in relation to the Technological	26	24	38	7	5
9	Rate the relevance of the Text Books and reference books by their International recognition to the Courses	30	24	36	6	4

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10	Rate the Size of syllabus in terms of the load on the student	24	23	40	11	2
11	Rate the courses in terms of extra learning or self learning considering the design of the courses	25	28	41	5	1
12	Rate the courses in terms of sequence of offering considering whether the preceding courses have been covered.	29	28	37	4	2
13	Rate the loading of the courses in a semester	28	25	40	6	1
14	Rate the evaluation scheme designed for each of the course	28	24	42	5	1
15	Rate the objectives stated for each of the course	24	25	43	7	1
16	Rate competencies expected out of the course	28	28	36	6	2
17	Rate the composition of the courses in terms of Basic science, Engineering science, Humanities, Discipline core, discipline elective, open elective, project	37	28	28	5	2
18	Rate the percentage of courses having LAB components	27	25	41	6	1
19	Rate the domain used for designing the experiments for the LAB components	29	25	39	4	2
20	Rate the experiments in relation to the real life Applications	28	28	37	6	1

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ISO 9001:2015
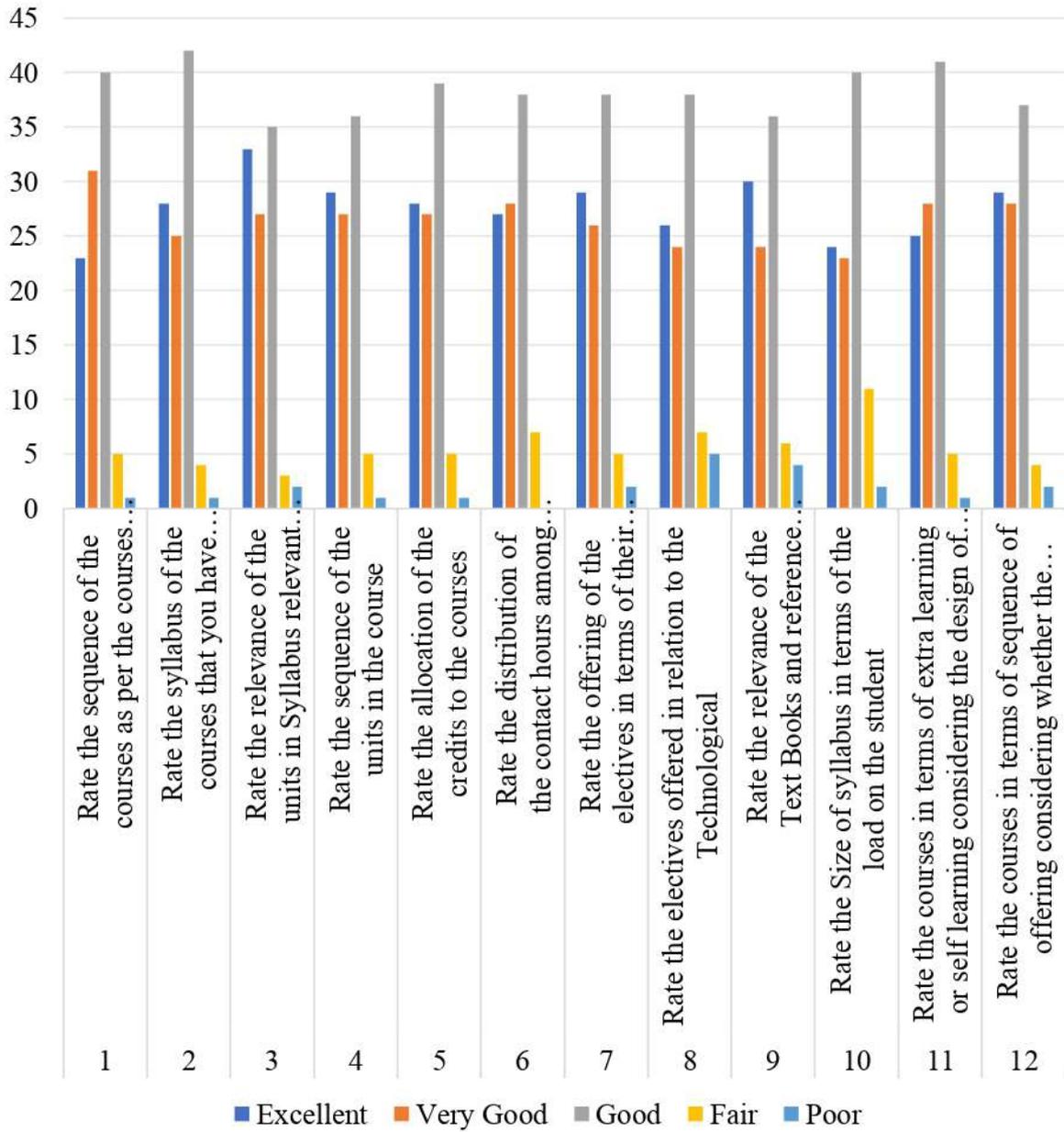Certified by IRQS
NABCB
QM 006
NAAC

STUDENT FEEDBACK ON CURRICULUM

Bar chart titled "STUDENT FEEDBACK ON CURRICULUM" with vertical axis from 0 to 45 and horizontal axis numbered 1 to 12. Legend: Excellent, Very Good, Good, Fair, Poor.

Horizontal axis labels:
1. Rate the sequence of the courses as per the courses...
2. Rate the syllabus of the courses that you have...
3. Rate the relevance of the units in Syllabus relevant...
4. Rate the sequence of the units in the course
5. Rate the allocation of the credits to the courses
6. Rate the distribution of the contact hours among...
7. Rate the offering of the electives in terms of their...
8. Rate the electives offered in relation to the Technological
9. Rate the relevance of the Text Books and reference...
10. Rate the Size of syllabus in terms of the load on the student
11. Rate the courses in terms of extra learning or self learning considering the design of...
12. Rate the courses in terms of sequence of offering considering whether the...

ANALYSIS OF FEEDBACK 2023-24
FACULTY FEEDBACK ON CURRICULUM
PERCENTAGE OF RESPOSES RUBRICS WISE QUESTION WISE

Q.no	Questions	Excellent	Very Good	Good	Fair	Poor
1	The curriculum and Syllabus are well organized and suitable to the program	63	28	9	0	0
2	Rate the clarity and appropriateness of program outcomes specific to the program	68	25	7	0	0
3	Rate the sequencing of courses offered in the curriculum	64	25	11	0	0
4	Rate the availability of department library and ICT tools like LCD projectors, software.	57	32	11	0	0
5	Rate effectiveness the system and processes followed by the university for the design and development of curriculum	61	35	4	0	0
6	Rate the distribution of the contact hours among the course components (Lecture Tutorial Lectures-Practical)	47	39	14	0	0
7	Rate balancing of the theory and practical courses in the curriculum	57	32	11	0	0
8	Rate the courses in curriculum which improve students knowledge and skills through experiential learning	52	27	15	5	1
9	Provision to update and revise curriculum on regular basis	67	33	9	0	0
10	Rate the electives offered in the program encompass technological advancements	68	22	9	0	0
11	Rate the electives offered in the program encompass technological advancements	55	39	5	1	0
12	Rate the activities like industry visits, guest lectures and workshops conducted in the department which encourages students learning of courses in the curriculum	63	27	8	2	0

FACULTY FEEDBACK ON CURRICULUM

	Excellent	Very Good	Good	Fair	Poor
1	63	28	9		
2	68	25	7		
3	64	25	11		
4	57	32	11		
5	61	35	4		
6	47	39	14		
7	57	32	11		
8	52	27	15	5	
9	67	33	9		
10	68	22	9		
11	55	39	5	1	
12	63	27	8	2	

Categories:
1. The curriculum and Syllabus are well…
2. Rate the clarity and appropriateness of…
3. Rate the sequencing of courses offered in the…
4. Rate the availability of department library and…
5. Rate effectiveness the system and processes…
6. Rate the distribution of the contact hours among the…
7. Rate balancing of the theory and practical…
8. Rate the courses in curriculum which…
9. Provision to update and revise curriculum on…
10. Rate the electives offered in the program…
11. Rate the electives offered in the program…
12. Rate the activities like industry visits, guest…

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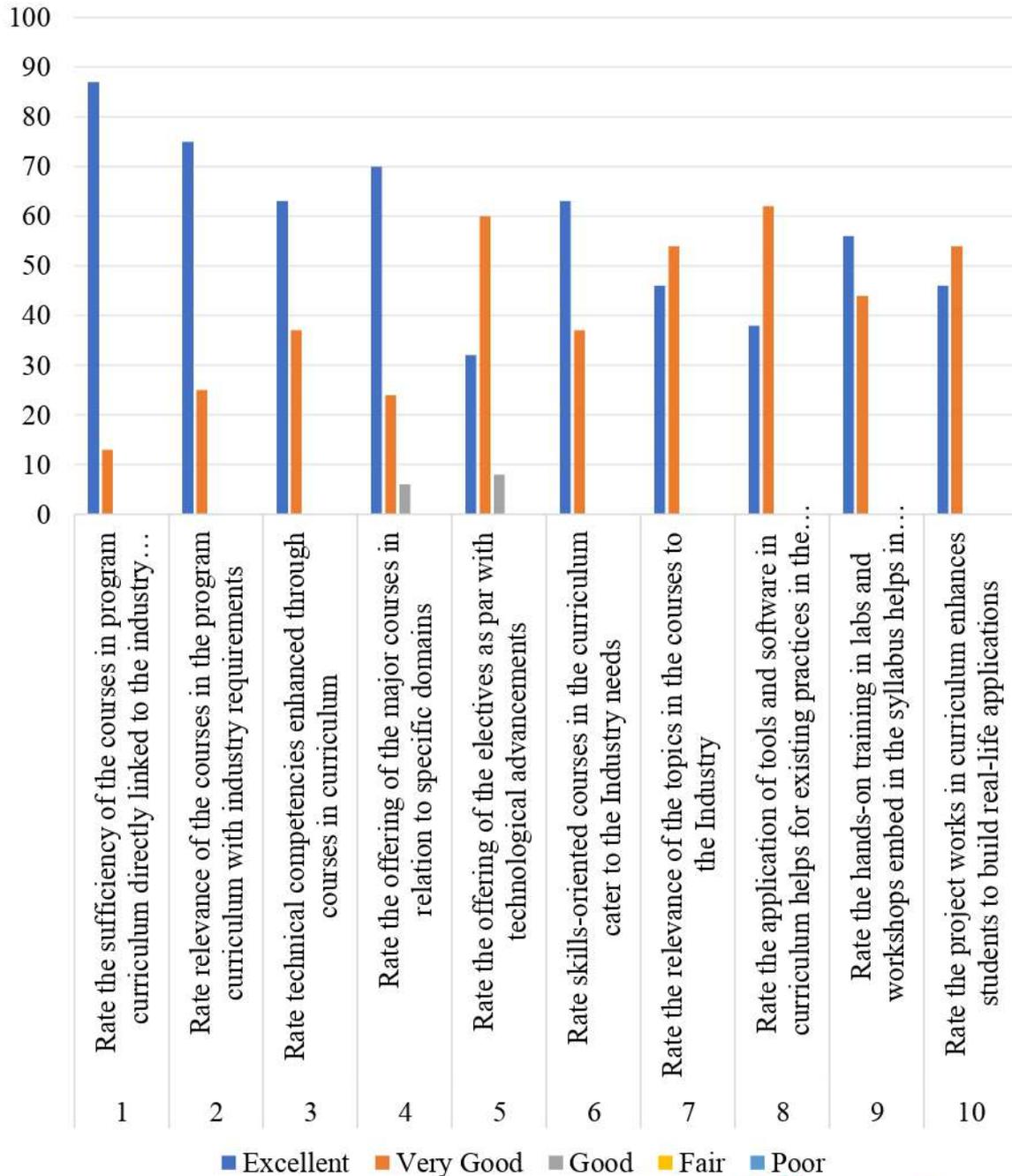34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
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ANALYSIS OF FEEDBACK 2023-24
EMPLOYER FEEDBACK ON CURRICULUM
PERCENTAGE OF RESPOSES RUBRICS WISE QUESTION WISE

Q.No	Questions	Excellent	Very Good	Good	Fair	Poor
1	Rate the sufficiency of the courses in program curriculum directly linked to the industry skill sets	87	13	0	0	0
2	Rate relevance of the courses in the program curriculum with industry requirements	75	25	0	0	0
3	Rate technical competencies enhanced through courses in curriculum	63	37	0	0	0
4	Rate the offering of the major courses in relation to specific domains	70	24	6	0	0
5	Rate the offering of the electives as par with technological advancements	32	60	8	0	0
6	Rate skills-oriented courses in the curriculum cater to the Industry needs	63	37	0	0	0
7	Rate the relevance of the topics in the courses to the Industry	46	54	0	0	0
8	Rate the application of tools and software in curriculum helps for existing practices in the Industry	38	62	0	0	0
9	Rate the hands-on training in labs and workshops embed in the syllabus helps in solving industry problems	56	44	0	0	0
10	Rate the project works in curriculum enhances students to build real-life applications	46	54	0	0	0

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EMPLOYER FEEDBACK ON CURRICULUM

Bar chart showing employer feedback ratings (Excellent, Very Good, Good, Fair, Poor) across 10 questions:

1. Rate the sufficiency of the courses in program curriculum directly linked to the industry… — Excellent 87, Very Good 13
2. Rate relevance of the courses in the program curriculum with industry requirements — Excellent 75, Very Good 25
3. Rate technical competencies enhanced through courses in curriculum — Excellent 63, Very Good 37
4. Rate the offering of the major courses in relation to specific domains — Excellent 70, Very Good 24, Good 6
5. Rate the offering of the electives as par with technological advancements — Excellent 32, Very Good 60, Good 8
6. Rate skills-oriented courses in the curriculum cater to the Industry needs — Excellent 63, Very Good 37
7. Rate the relevance of the topics in the courses to the Industry — Excellent 46, Very Good 54
8. Rate the application of tools and software in curriculum helps for existing practices in the… — Excellent 38, Very Good 62
9. Rate the hands-on training in labs and workshops embed in the syllabus helps in… — Excellent 56, Very Good 44
10. Rate the project works in curriculum enhances students to build real-life applications — Excellent 46, Very Good 54

Legend: Excellent, Very Good, Good, Fair, Poor

ANALYSIS OF FEEDBACK 2023-24
ALUMNI FEEDBACK ON CURRICULUM
PERCENTAGE OF RESPOSES RUBRICS WISE QUESTION WISE

Q.No	Questions	Excellent	Very Good	Good	Fair	Poor
1	Rate relevance of the courses in curriculum to industry specific needs	52	28	10	6	4
2	Rate the courses that you have learnt in relation to your current Job	53	27	9	7	3
3	Rate the skills and competencies derived from the courses which enhances employability skills	65	25	8	2	0
4	Rate the sequence of the courses in the programs	34	50	9	6	1
5	Rate the offering of the courses in relation to the specific domains	44	23	18	8	7
6	Rate the electives selected in curriculum strengthen skills leads to technological developments	40	32	16	7	5
7	Rate the courses which are skills oriented suits to the Industry requirements	66	10	16	8	0
8	Rate relevance of the tools and software specified in curriculum to excel in job or higher studies	54	22	13	7	4
9	Rate the standard of lab experiments for solving industry problems	63	20	17	0	0
10	Rate the courses in curriculum which directly helps to design and build real life applications	58	22	13	6	1

ALUMNI FEEDBACK ON CURRICULUM

Categories (X-axis):
1. Rate relevance of the courses in curriculum to industry…
2. Rate the courses that you have learnt in relation to your…
3. Rate the skills and competencies derived from…
4. Rate the sequence of the courses in the programs
5. Rate the offering of the courses in relation to the specific…
6. Rate the electives selected in curriculum strengthen skills…
7. Rate the courses which are skills oriented suits to the…
8. Rate relevance of the tools and software specified in…
9. Rate the standard of lab experiments for solving…
10. Rate the courses in curriculum which directly helps to…

Legend: ■ Excellent ■ Very Good ■ Good ■ Fair ■ Poor
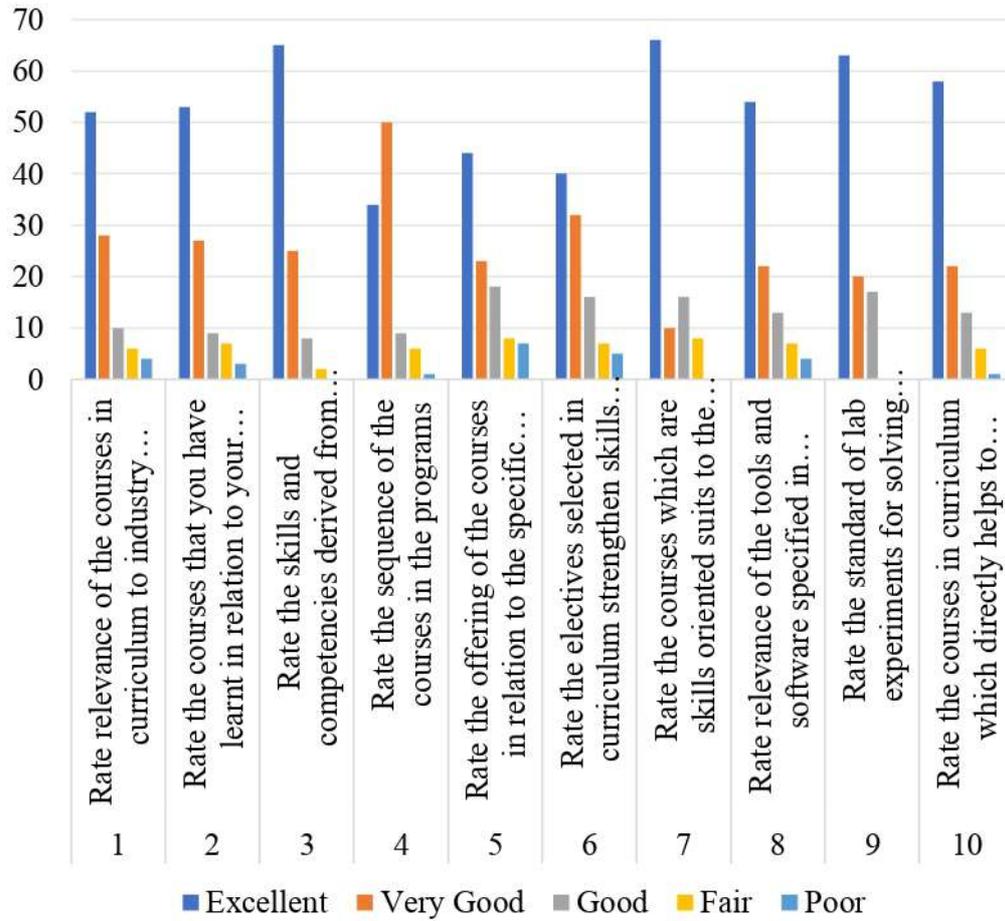
DEPARTMENT OF CIVIL ENGINEERING

ACTION TAKEN REPORT ON FEED BACK

FEEDBACK COLLECTED FROM	FEEDBACK	ACTION TAKEN
STUDENTS	Students requested for more internships and field training	Internships and field training arranged for students in companies star builders
FACULTY	Training from industry requested.	Faculty are motivated to undergo the training during summer / winter vacation period.
ALUMNI	Suggested that more career guidance programs and awareness programs on competitive & public service exams may be given.	Workshops / seminars / webinars and awareness programs were organized.
EMPLOYER	Recruiters suggested that the students may be trained in aptitude and language skills.	Training on aptitude & softskills conducted with the experts.

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

ACTION TAKEN REPORT ON FEED BACK

FEEDBACK COLLECTED FROM	FEEDBACK	ACTION TAKEN
STUDENTS	Students suggested to conduct more seminars, workshops to facilitate holistic learning.	Students were encouraged and participated in inter departmental seminars, workshops & Quiz competitions.
	More practical Support activities beyond Curriculum.	COE/VAC practical hands-on sessions arranged.
FACULTY	Support to learn/ Enhance the Coding skill.	Internal team has been built to learn coding as self-support and industry support also extended whenever required.
ALUMNI	More number of Awareness program/Trainings may be provided to face the Competitive Exams	Awareness program were conducted. Training plan to start from Third years onwards.
EMPLOYER	Motivate the students to participate in various national level competitions.	Students participated in various competition industrial competition.

DEPARTMENT OF ELECTRICAL AND COMMUNICATION ENGINEERING

ACTION TAKEN REPORT ON FEED BACK

FEEDBACK COLLECTED FROM	FEEDBACK	ACTION TAKEN
STUDENTS	Students requested for Seminar/workshop by experts from industry about Industry trends.	Training sessions and workshops were conducted. Interactive sessions were organized.
FACULTY	Support for research work for students & faculty from industry and academic experts from other institutions in India and abroad.	MOUs/Agreements were signed with reputed institutions for training and internship programs
ALUMNI	Capacity building programs may be organized for students and faculty.	FDP, workshops, industry training programs were regularly organized for students and faculty.
EMPLOYER	More industry involvement in the design and implementation of curriculum was suggested.	Industry experts were involved in the curriculum design and teaching of Value-added courses like IoT with Arduino

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACTION TAKEN REPORT ON FEED BACK

FEEDBACK COLLECTED FROM	FEEDBACK	ACTION TAKEN
STUDENTS	Need training on latest technology like electric vehicles was requested.	Value added course for electric vehicle with a credit of 1 was done in 2023-2024
	Awareness programs on higher education and competitive exams was requested	Awareness, Training sessions and Workshops were Conducted.
FACULTY	Support for research work for students & faculty from industry and academic experts from other institutions in India and abroad.	MOUs/Agreements were signed with reputed institutions for training and internship programs
ALUMNI	Active involvement of alumni in carrier guidance and training.	Online webinars, motivation programs and carrier guidance programs organized with alumni as experts
EMPLOYER	Recruiters suggested that the students may be trained in aptitude and language skills.	Training on aptitude & softskills are done with internal and external experts.

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DEPARTMENT OF MECHANICAL ENGINEERING

ACTION TAKEN REPORT ON FEED BACK

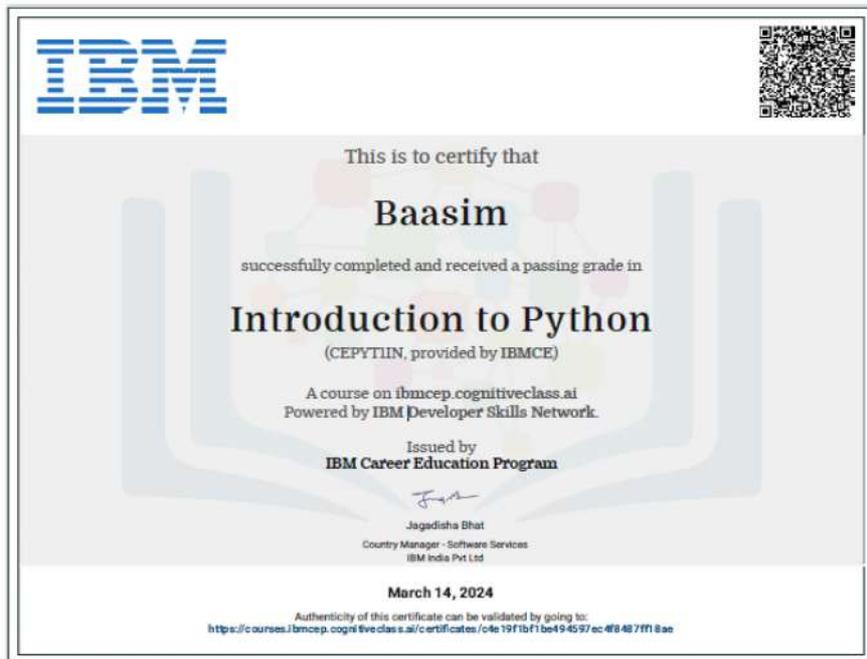| FEEDBACK COLLECTED FROM	FEEDBACK	ACTION TAKEN
STUDENTS	Students suggested conducting more seminars, workshops to facilitate holistic learning.	Workshops and seminars/webinars were organized with experts from industry
FACULTY	Opportunity for collaborative research with industry and academia was requested.	Collaborative research initiated with sister concern was initiated.
ALUMNI	Involve alumni in club activities and implement their suggestions in curriculum design of Value-added courses.	Suggestions by the alumni were considered for the development of college & students.
EMPLOYER	Recruiters suggested that the students may be trained in job skills like modelling & simulation,CNC etc .	Value added courses on Multibody dynamics were conducted

DEPARTMENT OF INFORMATION TECHNOLOGY

ACTION TAKEN REPORT ON FEED BACK

FEEDBACK COLLECTED FROM	FEEDBACK	ACTION TAKEN
STUDENTS	Activities suiting the current needs to be organized.	Various Professional society activity planned for the welfare of the students.
	Intensive training in coding for the betterment of placement	Training sessions and Workshops were conducted using Code tools for Python, AI&ML etc
FACULTY	Support/Training from the industry to know the latest development in industry.	Every faculty motivate to undergo minimum one week training in the industry.
ALUMNI	Involve alumni actively in various activities to provide suggestions to revamp the curriculum to cater to the needs of the job market	The alumni were included in various committees for the development of student and Institute.
EMPLOYER	Recruiters suggested that the students Should be strong in their aptitude skills, as it is the first level of the interview process	Intensive training on aptitude & technical were conducted.

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EVIDENCE FOR ACTION TAKEN

This is to certify that

Baasim

successfully completed and received a passing grade in

Introduction to Python

(CEPYT1IN, provided by IBMCE)

A course on ibmcep.cognitiveclass.ai
Powered by IBM Developer Skills Network.

Issued by
IBM Career Education Program

Jagadisha Bhat
Country Manager - Software Services
IBM India Pvt Ltd

March 14, 2024

Authenticity of this certificate can be validated by going to:
https://courses.ibmcep.cognitiveclass.ai/certificates/c4e19f1bf1be494597ec4f8487ff18ae

Completion
Certificate

THIS CERTIFICATE IS PRESENTED TO

K. HARINI

FOR THE COMPLETION OF

DATA ANALYTICS

(Powered by IBM Developer Skill Network)

Certified From
IBM Developer Skill Network
(ISG-DL007255G)

Jagadisha Bhat
Country Manager - Software Services
IBM India Pvt Ltd

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Smart Skills Technologies

Certificate of Completion

This is to certify Mr./Ms. ....**NITHYASREE G**.................................... has successfully completed the course ....**CORE JAVA PROGRAMMING COURSE**............... Dated ....**APRIL 2024**........ to ....**MAY 2024**................. in Smart Skills Technologies.

Edwin
Sr. Manager - Human Resources

April 2024

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Certificate of Completion
Presented to

This is to certify that **UDHAYAKUMAR - 311821114018** of **Mohamed Sathak AJ College of Engineering** pursuing Department of B.E Mechanical Engineering, 3rd year has successfully completed the Internship Training Programme on **NX CAD** in **TANSAM** during 15th April – 22nd April, 2024. We wish him all success in his future endeavor.

Chief Operating Officer
Advanced Manufacturing / Skill Enablement

Chief Executive Officer
TANSAM

Certificate Number - COE/042024/AM/216

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EVIDENCE ON WEBSITE