

Criteria 6.5.1

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M. J. S. Rao
11/05/2022

PRINCIPAL
Muffakham Jah College Of
Engineering & Technology
Banjara Hills, Road No. 3,
HYDERABAD-500 034.(T.S.)



NPTEL

CERTIFICATE

OF APPRECIATION



is awarded to

MOUSMI AJAY CHAURASIA

of

MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY

HYDERABAD, TELANGANA

for his/her instrumental role as SPOC for the **SWAYAM-NPTEL** Local Chapter.
Thank you for being NPTEL's brand ambassador at your esteemed institution.

**ACTIVE
SPOC**

JAN - DEC 2021

Active SPOC based on Performance & Participation of
Candidates for the JAN- DEC 2021 semester

PROF. ANDREW THANGARAJ
NPTEL Coordinator
IIT Madras

Mousmi
03/03/2022
PRINCIPAL
Muffakham Jah College of
Engineering & Technology,
Banjara Hills, Road No. 3,
HYDERABAD-500 034, (T.S.)


Muffakham Jah College of Engineering and Technology

NPTEL Courses Attended by Faculty and Students of respective Departments during AY - 2020-21

S.no	Course Id	Course Name	Name	Department	Score From Assignment	Exam Score	Final Score	Certificate Type
1	noc20-ce13	Plastic Waste Management	ANEESA FERDOSE		24.17	60	84	Elite+Silver
2	noc20-cs01	Introduction to Blockchain Technology and Applications	MOHD. HUSAMUDDIN ARIF	Computer Science and Engineering	18.21	50.25	68	Elite
3	noc20-cs18	VLSI Physical Design	MOHAMMED ABDUL RAHEEM		12.31	34.5	47	Successfully completed
4	noc20-ee11	Microprocessors and Interfacing	KALEEM FATIMA		25	73.5	99	Elite+gold
5	noc20-ee15	Principles of Signals and Systems	Mohammad Taha		23.06	75	98	Elite+gold
6	noc20-ee16	Principles of Communication Systems - I	NUZATH SULTANA	Electronics and Communication Engineering	19.06	34.5	54	Successfully completed
7	noc20-hs06	Effective Writing	DR. GITASRI MUKHERJEE	English	24.17	54	78	Elite+Silver
8	noc20-hs13	Emotional Intelligence	MASRATH SULTANA		21.67	54	76	Elite+Silver
9	noc20-hs13	Emotional Intelligence	Syed Mustafa Ahmed Hashmi	null	20.04	42.75	63	Elite
10	noc20-hs13	Emotional Intelligence	MAHEEN TAYYABA SIDDIQUI	Computer Science and Engineering	21.96	58.5	80	Elite+Silver
11	noc20-hs28	Human Behaviour	MASRATH SULTANA		18.33	51	69	Elite
12	noc20-me42	IC Engines and Gas Turbines	ABDUL AHAD FAROOQUI	Mechanical Engineering	19.88	25.5	45	No Certificate
13	noc20-mg35	Entrepreneurship	DR. K. HEMA LATHA	Mechanical Engineering	22.19	46.5	69	Elite
14	noc20-hs54	Patent Drafting for Beginners	ARSHAD MOHAMMED	electrical_engineering	20.83	30	51	Successfully completed
15	noc20-me56	Robotics	Abdul Muqtadir	Mechanical Engineering				No Certificate
16	noc20-hs54	Patent Drafting for Beginners	GUNTUKU RAVI KIRAN	electrical_engineering	21.67	17.6	39	No Certificate
17	noc20-me56	Robotics	Mohammed Abdul Noor	Mechanical Engineering				No Certificate
18	noc20-cs80	Python for Data Science	Syeda Bushra	null	20.83	31.65	76	Elite+Silver
19	noc20-me69	Product Design and Development	Masrath Sultana		23.33	63	86	Elite+Silver
20	noc20-cs57	Programming in C++	syeda sana begum	null	23.88	20	62	Elite
21	noc20-cs70	Using Python Programming, Data Structures And Algorithms	V.M. SHAHBAAZ KHAN	Computer Science and Engineering	25	42.5	93	Elite+gold
22	noc20-cs70	Using Python Programming, Data Structures And Algorithms	Shifa Mahveen	null	21	13.75	35	No Certificate
23	noc20-cs56	Problem solving through Programming In C	ADEEB ABDUL TAHER	Information Technology	24.88	29.38	79	Elite+Silver
24	noc20-cs56	Problem solving through Programming In C	HUMDAAN SYED	Information Technology	24.81	36.08	86	Elite+Silver


M. J. Khan
23/10/2021
PRINCIPAL
Muffakham Jah College of
Engineering & Technology
Banjara Hills, Road No. 3,
HYDERABAD-500 034 (T.S.)

25	noc20-cs56	Problem solving through Programming In C	Shifa Mahveen	null	23.5	22.5	71	Elite
26	noc20-cs58	Programming in Java	OSMAN MOHAMMED ZAMIN	Information Technology	24.59	34.83	84	Elite+Silver
27	noc20-cs56	Problem solving through Programming In C	MASRATH SULTANA		24.03	24	73	Elite
28	noc20-cs56	Problem solving through Programming In C	SYED RAFAY AHMED	Information Technology	23.28	25	73	Elite
29	noc20-cs58	Programming in Java	SHAIK FAISAL HAMID	Information Technology	24.63	23.67	73	Elite
30	noc20-cs56	Problem solving through Programming In C	SYEDA SARAH KAUNAIN	Information Technology	22.88	36	84	Elite+Silver
31	noc20-cs83	The Joy of Computing using Python	RAJ MOHAMMED	Computer Science and Engineering	24.63	37.5	87	Elite+Silver
32	noc20-cs96	Google Cloud Computing Foundations	Syed Mustafa Ahmed Hashmi	null	20.75	26.25	47	No Certificate
33	noc20-cs58	Programming in Java	Abdul Jaleel Khan	Information Technology	24.69	29.92	80	Elite+Silver
34	noc20-cs58	Programming in Java	Syeda Bushra	Computer Science and Engineering				No Certificate
35	noc20-cs56	Problem solving through Programming In C	SYED MUJTABA HUSSAIN	Information Technology	24.34	27.5	77	Elite+Silver
36	noc20-cs56	Problem solving through Programming In C	MAHEEN TAYYABA SIDDIQUI	Computer Science and Engineering	23.72	38.5	87	Elite+Silver
37	noc20-ce37	Design of steel structures	SYEDA HUSNA NOOREEN	civil_engineering	23.91	31.38	55	Successfully completed
38	noc20-de09	Understanding Design	SYED SULAIMAN ASHFAQ	Mechanical Engineering	17.25	43.02	60	Elite
39	noc20-ee90	Control systems	Mohammad Abdul Razaq Khan	null	23.75	27	51	No Certificate
40	noc20-ee90	Control systems	Mohammad Ibrahim	null	12.72	15.75	28	No Certificate
41	noc20-ee90	Control systems	Mohammad Taha	null	24.78	73	98	Elite+gold
42	noc20-ee90	Control systems	Murtuza Khat	null	24.56	34.5	59	Successfully completed
43	noc20-ee90	Control systems	SYED AZIZ AHMED	null	22.13	34.5	57	Successfully completed
44	noc20-ee90	Control systems	Shaeik Amanullah Shareef	Electronics and Communication Engineering				No Certificate
45	noc20-ee90	Control systems	KHAJA YAHYA AHMED	Electrical Engineering				No Certificate
46	noc20-ge22	Introduction to Research	MOHAMMED AFROZE	Information Technology	17.58	44	62	Elite
47	noc20-cs66	Introduction to internet of things	Maheen Tayyaba Siddiqui	null	21.66	49.5	71	Elite
48	noc20-ce45	Advanced Concrete Technology	Mir Mustafa Ali	null	19.5	31.13	51	Successfully completed
49	noc20-cs66	Introduction to internet of things	Syed Mustafa Ahmed Hashmi	null	22.5	45	68	Elite
50	noc20-me58	Automation in Manufacturing	Mohammed Abdul Mojiz Siddiqui	null	18.13	52.5	71	Elite
51	noc20-hs43	Developing Soft Skills and Personality	Masrath Sultana	null	22.67	59.63	82	Elite+Silver


PRINCIPAL 3/2022
 Mufakham Jah College Of
 Engineering & Technology
 Banjara Hills, Road No. 1
 HYDERABAD-500 034 (C)

Muffakham Jah College of Engineering and Technology
NPTEL Courses Attended by Faculty and Students of respective Departments

S.no	Course Id	Course Name	Name	Department	Score From Assignment	Exam Score	Final Score	Certificate Type
1	noc21-ce21	Construction methods and equipment management	Mir Mustafa Ali	Civil Engineering	14.38	50.25	65	Elite
2	noc21-cs15	Cloud Computing and Distributed Systems	Syeda Bushra	Computer Science Engineering				No Certificate
3	noc21-cs09	Embedded System Design with ARM	Syeda Bushra	Computer Science Engineering	14.5	26.25	41	No Certificate
4	noc21-cs21	Programming, Data Structures And Algorithms Using Python	Mariya Anjum	Computer Science Engineering	25	26.25	76	Elite+Silver
5	noc21-cs21	Programming, Data Structures And Algorithms Using Python	Syed Mustafa Ahmed Hashmi	Computer Science Engineering	25	7.5	58	No Certificate
6	noc21-ee09	CMOS Digital VLSI Design	Kaleem Fatima	Electronics and Communication				No Certificate
7	noc21-ge05	Roadmap for patent creation	Dr K HEMA LATHA	Mechanical Engineering	22.08	43.5	66	Elite
8	noc21-ge11	Designing Learner-Centric MOOCs	FAHMINA TARANUM	Computer Science Engineering	8.42	53.99	62	No Certificate
9	noc21-hs06	Employment Communication A Lab based course	Dr Gitasri Mukherjee	English	25	72	97	Elite+gold
10	noc21-hs44	Effective Writing	Shariqa Moin	Information Technology				No Certificate
11	noc21-me27	Mechatronics	Maheen Tayyaba Siddiqui	Computer Science Engineering	24.17	47.25	71	Elite
12	noc21-me27	Mechatronics	Masrath Sultana	Mechanical Engineering	24.17	25.5	50	No Certificate
13	noc21-me69	IC Engines and Gas Turbines	S Shahar Banu	Mechanical Engineering	22.25	48	70	Elite
14	noc21-ee33	Applied Linear Algebra for Signal Processing, Data Analytics and Machine Learning	Shaik Qadeer	Electronics and Communication	17.19	58.5	76	Elite+Silver
15	noc21-ee10	Digital Electronic Circuits	Mohammad Taha	Electronics and Communication	21.69	55.5	77	Elite+Silver
16	noc21-de02	Fundamentals of Automotive Systems	Zain	Mechanical Engineering	22.25	34.5	57	Successfully completed
17	noc21-mg13	Production and Operation Management	DR G PRASANNA KUMAR	Mechanical Engineering	18.63	52.5	71	Elite
18	noc21-ce09	Geographic Information Systems	Qamar Sultana	Civil Engineering	25	59.25	84	Elite+Silver
19	noc21-me66	Product Design and Manufacturing	G Sailaja	Civil Engineering	24.38	55.5	80	Elite+Silver
20	noc21-me66	Product Design and Manufacturing	V ANANDKUMAR	Civil Engineering				No Certificate
21	noc21-cs32	The Joy of Computing using Python	Shifa Mahveen	Computer Science Engineering	24.53	23	73	Elite
22	noc21-ge03	Introduction to Research	Fabia	Electrical Engineering				No Certificate
23	noc21-me66	Product Design and Manufacturing	S IRFAN SADAQ	Mechanical Engineering	24.69	43.5	68	Elite
24	noc21-me66	Product Design and Manufacturing	DR G PRASANNA KUMAR	Mechanical Engineering	22.47	34.5	57	Successfully completed


 30/07/2022
PRINCIPAL
 Muffakham Jah College of
 Engineering & Techno
 E. J. Hills, Road Nr
 HYDERABAD-500 02

Roll No: NPTEL21ME66S23633718

To S IRFAN SADAQ
3-4-1-10/E, RUBY CASTLE
BALAJI NAGAR, RAMANTHAPUR
HYDERABAD
TELANGANA - 500013
PH. NO :9492572257



No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP

Duration of NPTEL course: 12 Weeks



NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

S IRFAN SADAQ

for successfully completing the course

Product Design and Manufacturing

with a consolidated score of **68 %**




Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jan-Apr 2021)


Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

PRINCIPAL
Muffakham Jah College Of
Engineering & Technology
Hills, Road No. 3,
AD-500 034. (T.S.)

Roll No: NPTEL21ME66S23633718

To validate and check scores: <http://nptel.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses. F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE37S71600246

To
SYEDA HUSNA NOOREEN
23-1-644/19
GHOUSE COLONY, MOGHALPURA
HYDERABAD JUBILEE
TELANGANA - 500002
PH. NO :9533914696



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
SYEDA HUSNA NOOREEN
for successfully completing the course

Design of Steel Structures

with a consolidated score of **55** %

Online Assignments	23.91/25	Proctored Exam	31.38/75
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Total number of candidates certified in this course: 170


Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Sep-Dec 2020
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

PRINCIPAL
Muffakham Jah College Of
Engineering & Technology
Banjara Hills, Road No. 35
HYDERABAD-500 034



Indian Institute of Technology Kharagpur



Roll No: NPTEL20CE37S71600246

To validate and check scores: <https://nptel.ac.in/noc>



**MUFFAKHAM JAH
COLLEGE OF ENGINEERING AND TECHNOLOGY**
Road No.3, Banjara Hills, Hyderabad-500155

MECHANICAL ENGINEERING DEPARTMENT

Cumulative Analysis Report of feedback on curriculum from Students, Teachers and Alumni

MJCET is affiliated to Osmania University and the University designs curriculum for all affiliated colleges and the contribution of the college in the design of curriculum is through its teachers who are members of the Board of Studies (BoS). Normally, the syllabus is revised once in four years by the University. However, in the year 2020-21,. Our faculties, who were the members of BoS at that time, were instrumental in curriculum restructuring.

The Institute collects feedback on curriculum from students, teachers, and alumni members. The feedback forms are then analyzed by respective department of the Institute. The suggestions in the feedback are communicated to the University in the BoS meetings through the faculties who are members of BoS.

In the period 2020-21, the feedback about UG and PG curriculum was collected from students, teachers and alumni. It was observed that most of them are satisfied with the curriculum. The members gave positive response to the point that core course offer In-depth exposure of the subject and the prerequisite courses are covers in the curriculum.

However, they also made valuable suggestions for updating the syllabus to meet the present challenges and to make it more application to current industrial requirements. They expressed that the syllabus should be designed in such a way that it would help the students to clear competitive exams like GATE,PGECET.

M. J. S.
30/03/2022
PRINCIPAL
Muffakham Jah College Of
Engineering & Technology,
Banjara Hills, Road No. 3,
HYDERABAD-500 034 (T.S.)

[Signature]
HEAD
Mechanical Engineering Department
Muffakham Jah College of Engineering & Technology
Road No:3, Banjara Hills,
HYDERABAD-500 034. T. S.



MUFFAKHAM JAH
COLLEGE OF ENGINEERING AND TECHNOLOGY
Road No.3, Banjara Hills, Hyderabad-500155

MECHANICAL ENGINEERING DEPARTMENT

Action taken on the Recommendation of feedback on curriculum

The feedback obtained from students, faculty and Alumni were analyzed and the following recommendations are made to the Chairman BOS, Osmania University.

Students, Faculty and Alumni have feedback regarding necessary changes in curriculum of MED

Recommendations from teachers were discussed in BOS meeting , Changes in DME, DOM subjects are discussed.

Head MED MJCET in the BOS meeting raised this issue and it was resolved to introduce these changes in near future in the forms of professional elective (PE) and open elective (OE). (Advance courses need to be included like robotics, mechatronics).



Head, MED.

HEAD
Mechanical Engineering Department
Muffakham Jah College of Engineering & Technology
Road No:3, Banjara Hills,
HYDERABAD-500 034. T. S.

M. J. C. E. T.
30/03/2022
PRINCIPAL
Muffakham Jah College Of
Engineering & Technology
Banjara Hills, Road No. 3,
HYDERABAD-500 034. (T.S.)



**MUFFAKHAM JAH
COLLEGE OF ENGINEERING AND TECHNOLOGY**
Road No.3, Banjara Hills, Hyderabad-500155

MECHANICAL ENGINEERING DEPARTMENT

Recommendation of feedback on curriculum

Based on the feedback obtained from the students, and Alumni of the following recommendations were made to the Chairman BOS, Osmania University.

1. It is recommendation to include in Advance courses need to be included like robotics, mechnantrics syllabus.
2. It is recommendation to have exclusive labs for core course. Students had a meeting with HOD and suggested the HEAD to include more practical class(The Reason being on line class due to corona pandemic)
3. The issue regarding advance courses and software were discussed in departmental meeting and it was resolved to recommend the introduction of the courses that would meet the suggestions
4. Latest lab software to be included in curriculum.
5. It is recommendation to included prescribed books as of now most books does not cover syllabus, introduce few case studies.
6. More lab exercises/class is needed.

M. J. Khan
PRINCIPAL
Muffakham Jah College of
Engineering & Technology
Banjara Hills, Road No. 3,
HYDERABAD-500 034.(T.S.)

[Signature]
Head, MED.
HEAD

Mechanical Engineering Department
Muffakham Jah College of Engineering & Technology
Road No:3, Banjara Hills,
HYDERABAD-500 034. T. S.

M.J.C.E.T

Teacher Feedback Form (Design & Review of Syllabus for AY2020-21)

Assessment Parameter	Total Response	% Yes	% No
The curriculum is up to date and relevant from the point of view of employability.	18	94	06
The core courses offer an in-depth exposure to the subject.	18	100	00
Pre-requisite courses/ topics are covered in the curriculum prior to introduction of a course.	18	94	06
Sufficient practical exposure is provided for the theoretical concepts in the courses.	18	89	11
Adequate exposure is provided to relevant software.	18	61	39
The courses enhance the analytical/ problem solving/ critical thinking/ innovative skills.	18	94	06
Summary	<p>Most of teachers agreed that curriculum sufficient exposure for theoretical and practical is providing concepts</p> <p>Few teachers suggested inclusion of courses like machine drawing in conventional mode, Advanced software's and added topics related to recent trends in mechanical engineering field has to be upgraded.</p> <p>It is suggested to introduce latest equipments and software's which will be useful for that students form industrial point of view</p>		

M. J. C. E. T
 30/03/2022
 PRINCIPAL
 Muffakham Jah College Of
 Engineering & Technology
 Banjara Hills, Road No. 3
 HYDERABAD-500 034. (T.S)

[Signature]
 Head, MED
 HEAD

Mechanical Engineering Department
 Muffakham Jah College of Engineering & Technology
 Road No:3, Banjara Hills,
 HYDERABAD-500 034. T. S.

M.J.C.E.T
Student Feedback Form (Design & Review of Syllabus for AY (2020-21)
(tentatively)

Assessment Parameter	Total Response	% Yes	% No
The curriculum is up to date and relevant from the point of view of employability.	63	71.4	
The core courses offer an in-depth exposure to the subject.	63	71.4	
Pre-requisite courses/ topics are covered in the curriculum prior to introduction of a course.	63	70.2	
Sufficient practical exposure is provided for the theoretical concepts in the courses.	63	48	
The courses enhance the analytical/ problem solving/ critical thinking/ innovative skills.	63	63.50	
Summary	<ul style="list-style-type: none"> ➤ Most of students gauged the curriculum relevant from employability point of view, but few students suggested that ➤ More lab exercises/class is needed. ➤ Advance courses need to be included like robotics, mechantronics , ➤ Industrial training/ tour is needed. 		

Head/MED


M. J. C. E. T
 30/10/2020
PRINCIPAL
 Muffakham Jah College of
 Engineering & Technology
 Banjara Hills, Road No. 3,
 HYDERABAD-500 034. (T.S)

HEAD
 Mechanical Engineering Department
 Muffakham Jah College of Engineering & Technology
 Road No:3, Banjara Hills,
 HYDERABAD-500 034. T. S.

M.J.C.E.T
Alumni Feedback Form (Design & Review of Syllabus for AY (20--21))

Assessment Parameter	Total Response	% Yes	% No
The current curriculum is relevant and capable of meeting the industry demands.	13	61.5	38.5
The core courses offer an in-depth exposure to the subject.	13	61.5	38.5
The current curriculum offers adequate exposure to the latest software.	13	53.8	46.2
The current curriculum provides enough practical exposure to the underlying theoretical concepts in the courses.	13	61.5	38.5
The current curriculum enables the graduates to take up leadership and managerial roles.	13	46.2	53.8
The current curriculum facilitates development of analytical/ problem solving/ critical thinking/ innovative skills.	13	86.4	15.4
Summary	<p>Well balanced syllabus for knowledge & practical work should be introduced to meet the current market requirements.</p> <p>Most of the alumni agreed that the curriculum is to be updated from employability point of view</p> <p>The majority members gave positive response with respect to curriculum syllabus.</p>		

M. J. C. E. T
M. J. C. E. T
Muffakham Jah College of
Engineering & Technology
Banjara Hills, Road No. 3,
HYDERABAD-500 034.(T.S.)


Head, MED
MED
Mechanical Engineering Department
Muffakham Jah College of Engineering & Technology
Road No:3, Banjara Hills,
HYDERABAD-500 084. T. S.



Go

B-Category Seats

NIRF

Career

ARIIA

Tuition Fee (Online)

Student Resources

Examination Cell

IQAC

About IQAC

Committee Members

IQAC Meetings

Strategies & Processes

Student Feedback Form

Vision & Mission

Link Section

Annual Report - 2021

NPTEL

Unnat Bharat Abhiyan

IQAC

Feedback Forms

Campus Wi-Fi Application Form

AICTE APPROVALS

AICTE Feedback Facility for Students and Faculty

MJCET Feedback forms for Design & Review of Syllabus

College Brief Statistics

B.E. New Rules and Regulations with effect from 2018-2019 (CBCS)

Syllabus Coverage

Special Scholarship Scheme for J&K (PMSSS)

Online Grievance System

Mentoring - Counselling Portal

Code Of Conduct

MJCET - Route Map

Preventive Measures for Ragging

24x7 Anti-Ragging Helpline: 1800-180-5522

Mandatory Disclosure

Admission Policy

Fees Policy

Reservation Policy



Strategies & Processes

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Response:

MJCET adopted 'Outcome Based Education' system for its undergraduate programs in the year 2014. A 'Program Assessment Committee (PAC)' was established for each of the eight programs in the institution. The PAC functions as a quality assurance body at the program level and the inputs are leveraged for quality improvement at the institutional level by IQAC. Two significant quality assurance strategies implemented in MJCET are as follows:

I. Hierarchical academic system

The hierarchical academic system is a means of achieving guided participatory management of the faculty in order to improve the teaching-learning process. The system consists of the following hierarchical structure

- Programme Coordinator
- Module Coordinator
- Course Advisor
- Course Coordinator

Every faculty member offering a course is a course coordinator who is responsible for planning, delivering and assessing the outcomes of the courses offered by him/her during the semester/year.

Course advisor is designated wherever the same course is offered by different course coordinators to different sections/classes in order to ensure uniformity of course coverage and assessment. The senior most faculty member teaching the course is designated as course advisor. Course Advisor advise the other course coordinators regarding relative importance of the units, problems to be solved and pedagogy to be adopted for effective delivery of the course material.

Module Coordinator is responsible for supervision of the course coordinators and course advisors offering courses under the module. Each module encompasses all the courses relevant to that specialization and has one module coordinator.

The Program Coordinator oversees the planning, course delivery and attainment of course outcomes. The PC chairs the PAC meeting which takes stock of the attainment of COs and POs and makes recommendations for improvements.

II. Pedagogical Initiatives

On the assessment side, the IQAC recommended that each CO should be assessed by using the following direct tools:

1. CIE – I or CIE-2
2. Assignment
3. Any one of the following tools depending upon the suitability to a course

1. **Tutorials:** As per the OU curriculum Tutorial is a part of the scheme of instructions in a few courses. However, the Department has introduced tutorial in at least half of the courses in every semester & are made to solve the problems during the tutorial class and submit them at the end of the session.

2. **Quiz:** In courses without tutorial sessions, quiz is used as an assessment tool. The course coordinator administers the quiz to the students in regular class.

3. **Classroom Problem Solving:** In some courses the course coordinator prefers to use classroom problem solving as an assessment tool. The students solve the given problem in the class and the course coordinator assesses the performance in the class itself.

MJCET
Principal
Muffakham Jah College of Engineering & Technology
Bangalore Road, Road No. 3
HYDRABAD-500 084

4. Group Assignment: In certain courses which involve system or component design, group assignment may be preferred. In this the students are divided into groups of 4-5 and each group is given a separate question or same question with varying data

5. Seminar: In some courses students may be required to present seminars on selected topics which will be used for CO assessment.

Outcomes through IQAC

Response

The program assessment committee and academic audit cell reviews the academic performance of the program after every semester with reference to quality assurance of teaching learning processes. The attainment of COs and POs is also reviewed during the audit. The following two examples demonstrate the role of PAC/AAC/IQAC in reforming the academic structures:

Different assessment tools are employed for assessing the learning levels of the students. The assessment process itself can be either Formative or Summative type. The formative assessment is done throughout the course duration and the internal assessment marks are decided based upon the scores obtained therein.

During the academic audit process, it was decided to lay down guidelines for assessing the course outcomes by employing direct assessment tools. The recommended guidelines are

1. Four assessment tools should be chosen for each of the Course Outcome. Three of these are mandatory, namely
 1. OU end examination (Summative)
 2. Class Test (summative)
 3. Assignment (Formative)
2. Along with the three mandatory assessment tools, any one of the following may be used as the fourth assessment tool:
 1. Tutorials (Formative), in courses where tutorial is part of work load
 2. Class room problem solving (Formative) in courses where problems exist
 3. Quiz (Formative) in theoretical courses where no problems exist
 4. Minute question (Formative) in any type of course
 5. Seminar (Formative) in any type of course
 6. Group assignment (Formative) in any course
 7. Case Study (Formative) in courses where it is feasible
 8. Any other appropriate tool which is applicable to the entire class

During review of the question papers for internal assessment, assignment and tutorial, the academic audit observed disparity in the quality and standard of the questions employed in tests, assignments, tutorials etc. It was recommended to base the setting of question papers by following Blooms Taxonomy.

The IQAC introduced the concept of Bloom's Index in order to quantify the question paper quality in terms of a numeric value.

The following numeric scale is employed to convert data from subjective realm to a quantitative scale. The resulting scale is a continuous real range between 0-10.

- 0-2 - Remember
- 3-4 - Understanding
- 5-6 - Applying
- 7-8 - Analyzing and Evaluating
- 9-10 - Creating

The course coordinator assigns appropriate level to each question at the time of paper setting. The Blooms index is computed for the question paper by taking the weighted average of all the questions in the paper.

Bloom's index = $\frac{\text{sum of weighted average (maximum marks of the question} \times \text{numeric value of blooms scale)}}{\text{sum of maximum marks of all questions in the paper}}$

For the purpose of assessment of quality, the acceptable range of Bloom's index is obtained as follows:

A fair quality of question paper / assignment is presumed to contain the following levels of questions:

1. 30% of questions from 'Remembering' (Score of 2)
2. 2.30% of questions from 'Understanding' (Score of 4)
3. 30% of questions from 'Applying' (Score of 6)
4. 10% of questions from 'Analyzing and Evaluating' (Score of 8)

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DERABAD-500 034.(TS.)

For the above levels and corresponding percentage of questions, the Bloom's index is

$$\text{Bloom's Index} = 0.3 \times 2 + 0.3 \times 4 + 0.3 \times 6 + 0.1 \times 8 = 4.4$$

Hence, the empirical range of Bloom's Index for satisfactory quality of question papers and assignments is taken as 4-6. The full range and its interpretation is presented as

Bloom's Index "0-2" - Standard Lower than Acceptable

Bloom's Index "4-6" - Acceptable range of Bloom's Index for Satisfactory quality

Bloom's Index "8-10" - Standard Higher than Acceptable

Using rubrics to enrich reports' evaluation process :

After the introduction of the outcome based education system, computation of attainment of course outcomes became essential. A CO is said to have been attained if the score obtained by a student for a particular question exceeds the satisfactory score benchmark set by the course coordinator.

In case of assessment tools like questions in internal assessment, tutorial and assignment, the evaluation is based upon the key which is prepared and made available to all the students. This ensures not only consistency of evaluation but also transparency of the evaluation system.

When it comes to evaluation of reports such as laboratory records, seminars reports, and project reports, there is a scope for discrepancy in evaluation by different teachers. The student is also unaware about the benchmarks used for evaluation of the reports.

In order to overcome the deficiency of consistency and transparency in evaluation of reports the academic audit committee recommended framing and introduction of appropriate rubrics for assessment of reports. Accordingly rubrics have been defined and adopted for:

1. Project Reports.
2. Seminar Reports.
3. Laboratory Records.

Project reports:

Project report is evaluated by the project supervisor for a score of 100 by using Project Report Assessment Rubric and then scaled to 25. The evaluation parameters are as follows:

1. Objective, Problem Statement and Methodology - 10
2. Analysis - 10
3. Implementation/Design - 20
4. Project Planning - 10
5. Results/Drawing/Graphical artifact /Conclusion - 10
6. Project Report - 30
7. Project Diaries - 10

Seminar Reports:

The seminar report is evaluated by the seminar incharge / one of the course coordinators or any faculty member in the Department specialized in the area of the topic, for a score of 50 by using the Seminar Assessment Rubric, the evaluation parameters are as follows:

1. Written Report - 15
2. Speaker's enthusiasm - 5
3. Speaker's posture - 5
4. Ability to speak clearly and distinctly - 5
5. Speaker's slides - 10
6. Speaker's communication about the topic - 5
7. Speaker's ability to answer questions - 5

Laboratory Reports:

The Laboratory Record is evaluated for a score of 50. The following are rubric parameters for evaluation:

1. Write up format - 15
2. Experimentation Observations & Calculations - 20
3. Results and Graphs - 10
4. Discussion of results - 5

M. J. Prasad
PRINCIPAL
Muffakham Jah College Of
Engineering & Technology
Banjara Hills, Road No. 3,
HYDERABAD-500 034 (T.S.)



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COLLEGE OF ENGINEERING AND TECHNOLOGY
 Approved by AICTE, Affiliated to Osmania University, Accredited by NAAC)

Date: January 11, 2021

The committee of Internal Quality Assurance Cell (IQAC) of National Assessment and Accreditation Council (NAAC) consists of:

1. Dr. Basheer Ahmed, Advisor cum Director, MJCET – Chairperson
2. Prof. Ashfaque Jafari, Dean Academics, MJCET – Coordinator
3. Mrs. Maniza Hijab, Associate Professor, CSED – Co-coordinator

NAAC CORE COMMITTEE MEMBERS

4. Mr. Ahmed, Assistant Professor, CSED
5. Mr. Syed Mohiuddin, Associate Professor, CSED
6. Prof. Ishrat Meera Mirzana, MED


MEMBERS

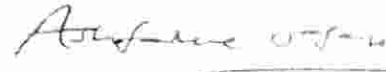
7. Prof. Syed Ferhatullah Hussainy, Dean Administration, MJCET
8. HEAD, CED
9. HEAD, EED
10. HEAD, ECED
11. HEAD, MED
12. HEAD, CSED
13. HEAD, ITD
14. HEAD, Humanities and Basic Sciences Department
15. Chief Coordinator, PG Courses
16. Coordinator, Maths
17. Coordinator, Physics
18. Coordinator, Chemistry
19. Coordinator, English
20. Coordinator, Engg. Mechanics and Graphics
21. Coordinator, Programming for Problem Solving
22. Coordinator, Basic Electrical Engineering
23. Program Coordinator, CAD/CAM
24. Program Coordinator, Structural Engineering
25. Program Coordinator, Digital Systems
26. Program Coordinator, Computer Science Engineering

8-2-249 to 267, "Mount Pleasant", Road No 3, Banjara Hills, Hyderabad – 500 034, T.S
 Phone : 040-23280301, 23280305, Fax: 040-2335 3428. Website: www.mjcollege.ac.in
 Email: principal@mjcollege.ac.in / director@mjcollege.ac.in

M. J. Hussainy
 20/03/2021
PRINCIPAL
Muffakham Jah College Of
Engineering & Technology
 Banjara Hills, Phase No. 3
 HYDERABAD - 500 034

27. Program Coordinator, Power Electronics Systems
28. Chief Librarian, MJCET
29. Placement officer, MJCET
30. Student Council Representatives (02 Nos. from each dept)
31. Alumni representative – Mr. Ashar Farhan, CEO, Exceed Space
32. Industry Representative – Mr. N. Venkatesh, V.P., Red Pine Signals
33. Industry Representative – (Women Representative)
34. Parent Representative – Mr. P.S. R. Koundinya (Father of Amrutha, CSE, IV yr)
35. Prof. Kaleem Fatima, ECED
36. Dr. Salma Fouzia, Assistant Professor, ECED
37. Dr. Qamar Sultana, Associate Professor, CED
38. Mr. Bharat Kumar Talluri, Assistant Professor, CED
39. Mr. P. Sai Krishna, Associate Professor, EEED
40. Prof. M Upendra Kumar, CSED
41. Dr. Mohammed. Umar Farooq, Associate Professor, CSED
42. Dr. Krishna Keerthi, Assistant Professor, CSED
43. Dr. Mohd. Pasha, Assistant Professor, ITD
44. Dr. O. Hemalatha, Associate Professor, MED
45. Mr. M. Irfan Sadiq, Assistant Professor, MED
46. Dr. Gitasri Mukherjee, Associate Professor, English


8/02/2022
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Engineering & Technology
Banjara Hills, Road No. 3,
HYDERABAD-500 034.(T.S.)



(Dean academics)



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(THE SULTAN UL ULOOM EDUCATION SOCIETY)

Affiliated to Osmania University & Recognised by AICTE

Banajara Hills, Hyderabad – 500034, T.S.



STUDENT MENTORING RECORD

M. J. Khan
30/07/2021
PRINCIPAL
Muffakham Jah College Of
Engineering & Technology
Banajara Hills, Road No. 3,
Hyderabad-500034 (T.S.)



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COLLEGE OF ENGINEERING & TECHNOLOGY

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Banjara Hills, Hyderabad 500 034

VISION

To be a part of the universal human quest for development and progress by contributing high calibre, ethical and socially responsible engineers who meet the global challenge of building a modern society in harmony with nature.

MISSION

- To attain excellence in imparting technical education from the undergraduate to through doctoral levels by adopting coherent and judiciously coordinated curricular and co-curricular programs.
- To foster a partnership with industry and Governmental agencies through collaborative research and consultancy.
- To nurture and strengthen auxiliary soft skills for overall development and improved employability in a multicultural workspace.
- To develop scientific temper and spirit of enquiry in order to harness the innovative talents.
- To develop a constructive attitude in the students towards the task of nation-building and empower them to become future leaders.
- To nourish the entrepreneurial instincts of the students and hone their business acumen.
- To involve the student and faculty in solving local community problems through economical and sustainable solutions.

M. J. Khan
30/03/2022
PRINCIPAL
Muffakham Jah College Of
Engineering & Technology
Banjara Hills, Road No. 3,
HYDERABAD-500 034.(T.S.)



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Banjara Hills, Hyderabad 500 034

STUDENT MENTORING RECORD

NAME: SHAIK NASEERUDDIN.

ROLL NO.: 1604-17-736-316

MENTOR NAME(S): DR. SYED KHADER BASHA.

DEPARTMENT: MECHANICAL ENGG. DEPT.

Muffakham
30/03/2021
PRINCIPAL
Muffakham Jah College Of
Engineering & Technology
Banjara Hills, Road No. 1
HYDERABAD-500 034 (T.S.)

STUDENT BIO DATA

Surname: SHAIK

Name of the student: NASEERUDDIN.

Roll Number: 1604-17-736-316

SSC Marks: 8.7 CGPA.

Intermediate marks: -

EAMCET/ECET Rank: 24,656

NCC/Sports/CAP: -NA-

Date of Birth: 11/04/2000

Gender M/F: M

Student's Contact No: 6281366119

Email ID: Shaiknaseeruddin2000@gmail.com

Father Name: SHAIK MOINUDDIN

Email ID: Afreenqueen2011@gmail.com

Father's Contact No: 9505749939

Father's Occupation: Business.

Father's Annual Income: -

Office Address: F.No: 401
Rajendra Nagar,

Mother Name: SHAIK FATHIMA BEGUM

Email ID: Beside Jecan Elite

Mother's Contact No: 9010236162

Mother's Occupation: restaurant, Mechd
Patm Hyd.

Mother's Annual Income: -

Office Address: House wife.

Identification Marks: M big mole on the right hand joint.
A mole on right cheek.

Date of Joining: 2017 Batch

Course: Engineering

Branch: mechanical Engg. Dept.

Religion: Islam Muslim

Category: OC

Special Admission Category: PHC NCC Sports -NA-

Hobbies: playing cricket, reading.

Extracurricular Activities: member of Robotics group.
(Debate/Quiz/Singing/Dancing etc). Debate.

Personnel Details: -



Signature
30/03/2022
PRINCIPAL
Muffakham Jah College of
Engineering & Technology,
Sat Hills, Road No. 3,
T.D-500 034 (T.S.)

Student's Blood Group: AB⁺

Languages Known: Speak: English, Hindi, URDU, Telugu

Write: English, Hindi, Urdu.


Address for Correspondence:


Shaik Moinuddin
401, Rajendra Nagar
Beside Deccan Elite
restaurant, New Peace Honey
Serene Residency, Mehdipatnam, Hyd.

Permanent Address:

- Same as Above -


Student's Signature


Parent's Signature
(Father/Mother/Guardian)


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Engineering & Technology
Mehdipatnam Hills, Road No. 3,
HYDRABAD-500 034.(T.S.)

Note: Any change in contact number/address need to update in college database immediately

SEMESTER: I SEM

Academic year: 2017-18

Mentor Suggestions :

Cleared All the subjects, got low grade in ISEM, mathematics. more focus is needed in studying mathematics

Naseef
Student's Signature

Abbas
Mentor's Signature
Date:

Student Undertaking

Student's Signature

Mentor's Signature
Date:

SEMESTER: II

Academic year: 2017-18

Mentor Suggestions

Cleared all the subjects, betterment in the subject mathematics.

Naseef
Student's Signature

Abbas
Mentor's Signature
Date:

Student Undertaking

Student's Signature

Mohammed
30/05/2018
Mentor's Signature
Date:
PRINCIPAL
Muffakham Jah College Of
Engineering & Technology
Nara Hills, Road No. 3,
RABAD-500 034 (T.S.)

SEMESTER: III

Academic year: 2018-19

Mentor Suggestions

passed ALL the subjects, student got less grade points.

Naseef

Student's Signature

A. Ashraf

Mentor's Signature

Date:

Student Undertaking

I will do more work

Naseef

Student's Signature

A. Ashraf

Mentor's Signature

Date:

SEMESTER: IV

Academic year: 2018-19

Mentor Suggestions

cleared ALL the subjects, student got considerably good grade points.

Naseef

Student's Signature

A. Ashraf

Mentor's Signature

Date:

Student Undertaking

Student's Signature

Mentor's Signature

Date:

M. J. J.
PRINCIPAL
Muffakham Jah College
Engineering & Techno
Banjara Hills, Road
HYDERABAD-500 051

SEMESTER: V

Academic year: 2019-20

Mentor Suggestions

cleared ALL THE SUBJECTS, This semester student- passed with good grade points.

Naseef
Student's Signature

Mentor's Signature
Date:

Student Undertaking

Student's Signature

Abbas
Mentor's Signature
Date:

SEMESTER: VI

Academic year: 2019-20

Mentor Suggestions

passed ALL THE SUBJECTS OF VI SEM. This sem student got, considerably less grade points.

Motivated the student to get good score

Naseef
Student's Signature

Abbas
Mentor's Signature
Date:

Student Undertaking

Student's Signature

Mentor's Signature
Date:

Naseef
PRINCIPAL
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Banjara Hills, Road No. 34,
HYDERABAD-500 034, (T.S.)

SEMESTER: VII

Academic year: 2020-21

Mentor Suggestions	cleared all the subjects, motivated the students towards competitive exams.
Student's Signature <i>Naseef</i>	Mentor's Signature <i>Ahmed</i>
Student Undertaking	Date:
Student's Signature	Mentor's Signature
	Date:

SEMESTER: VIII

Academic year: 2020-21

Mentor Suggestions	Passed all the subjects. Student is ^{having} a clear idea about career
Student's Signature <i>Naseef</i>	Mentor's Signature <i>Ahmed</i>
Student Undertaking	Date:
Student's Signature	Mentor's Signature
	Date:

Muhammad
26/03/2021
PRINCIPAL
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Engineering & Technology
Najara Hills, Road No. 1
DERABAD-500 034 (T.S.)

Career Guidance:

Guided the student towards competitive
Exams, and placements in the college.

Curricular & Co-Curricular Activities:

Student is active in both curricular &
co-curricular activities.

ACADEMIC PERFORMANCE - VIII SEM.

S. No	Subject	THEORY EVALUATION							PRACTICAL EVALUATION					Subjects /Lab Cleared (Month/Year)
		Continuous Internal Evaluation (CIE)					CIE+SEE		Continuous Internal Evaluation (CIE)			CIE+SEE		
		CIE -I	CIE -II	Average	Assignment /Quiz	Total	Letter Grade	Grade Point	Internal Evaluation	Viva Voice	Total	Letter Grade	Grade Point	
1	Non-Destructive Testing						A	9						
2	Product Design & Planning						A	9						
3	Entrepreneurship Development						B	8						
4	Energy Conversion & Mgt.						A	9						
5	Project Work II											A	9	
7														
8														
9														
10														

M. J. ...
30/03/2022

PRINCIPAL
Muffakham Jah College of
Engineering & Technology,
Banjara Hills, Road No. 3,
HYDRABAD-500 054.(T.S.)

8.85

Handwritten signature

Remarks:

cleared All the VIII-SEM, Theory subjects
and Project work also.

He cleared all the semesters, All subjects.