



Maitrey Educational Society's

Nagarjuna

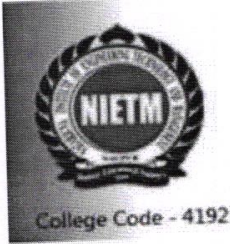
Institute of Engineering, Technology & Management

College Address : Village Satnavari, Amravati Road, NAGPUR - 440 023

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E-mail : maitrey.ngp@gmail.com Website : www.nietm.in

Action Taken Report



Maitrey Educational Society

Nagarjuna

Institute of Engineering, Technology & Management
(AICTE, DTE Approved & Affiliated to R.T.M. Nagpur University Nagpur)

Village Satnavri, Amravati Road, Nagpur 440023

Email: maitrey.ngp@gmail.com; Website: www.nietm.in; Phone No. 07118 322211, 12

To

The Principal,
NIETM, Nagpur

**Subject: Recommendations for Curriculum Enhancement and Institution's
Innovation Council (I.I.C.)**

Respected Sir,

The details of the feedback obtained from various stakeholder's at the institute who analyzed the feedbacks considering the curriculum and ambience at Nagarjuna Institute of Engineering, Technology and Management, Nagpur.

After careful consideration of the feedback received we are pleased to present the recommendations on your part for enhancing the activities and for employment of students.

1. Integration of Entrepreneurship and Start up's among the students

Integrating entrepreneurship nurtures students to create opportunities, it encourages students to be proactive and explore real-time world problems. We are required to maintain the chain between students and institution with the enforcement of activities with Small Scale and Large Scale industries.

2. Inculcating the Start Up thinking among the students

The innovative ideas collectively obtained by the students as the stakeholder should be inculcated for the establishment of Start Ups and providing them the platform for same. To constitute Institution's Innovation Council (IIC) for startup, innovation and incubation.

3. Mentorship for higher studies and software skills

To motivate the students to pursue higher studies for research and upgrade skills for being employable in Industry 4.0.

4. Holistic approach

To make the students future trained and socially strong about the industrial relations we propose holistic approach.

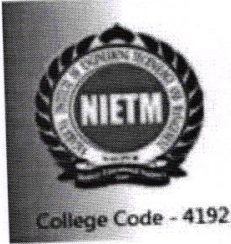
5. Skills enhancement and employability

To ensure our students are well prepared for jobs, we propose the introduction of new electives prescribed in the syllabus for enhancing new domain and value addition for employability.

In light of this input following emerging areas within engineering and management discipline:

- Artificial intelligence and Machine learning: Machine learning a paradigm in AI, enables a system to learn, data enhancing tasks like image and speech recognition with remarkable accuracy, revolutionizing problem-solving.
- Statistical process control: Statistical Process Control (SPC) is crucial for production quality control. Success depends on understanding on process variation and leveraging statistical data for informed decision making, ensuring effective quality


Principal
Nagarjuna Institute of Engineering
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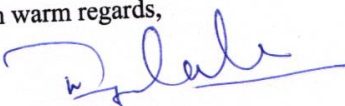
- Renewable energy engineering: Generating clean energy from fossil fuels, reducing emission and pollution and diversifying supply and economic growth through job creation in various sectors.
- Industrial engineering and production management: Industrial engineering initially focused on factory layouts and assembly line design. In Lean manufacturing, engineers aim to eradicate wasteful resource consumption.
- Structural engineering: Structural engineering predicts safety issues, assesses structure capacity, and ensures stability against static and dynamic loads for reliable performance.
- Additive engineering: Additive manufacturing revolutionizes industries like aerospace, dental, medical and automotive by offering innovation, processes enhancement and versatile production capacities with 3D printers.
- Entrepreneurship development and startups: Entrepreneurship development fosters new businesses, enhancing productivity, competition, and investment thereby creating jobs and wealth creation.
- Computer engineering and embedded systems: Acquiring skills in embedded systems, IoT and robotics open diverse career paths, fostering problem-solving abilities crucial for designing innovative solutions.
- Energy management: Energy management advocates conservation and responsible resource use through energy-saving practices, waste-reduction, and sustainable behaviors crucial for minimizing ecological footprints.
- Supply chain management: Supply chain management ensures delivery of resources, materials and technology, vital for facilitating quality learning experiences.
- Software testing: Software testing is critical for identifying and fixing code issues before product delivery, enhancing quality by ensuring reliability.

We firmly believe that implementing these suggested improvements will not only enhance learning experience, practical exposure, experimental learning but also address the evolving demand of the job market in Industry 4.0.

We are eager to collaborate with the University administration and faculty to incorporate positive academic changes that will benefit the entire student community.

We expect that the suggestion of our feedback analysis of various stakeholders will be looked into in the interest of Students and University.

With warm regards,


IQAC Coordinator
Nagarjuna Institute of Engineering,
Technology and Management


Principal
Nagarjuna Institute of Engineering
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To

The Principal,

NIETM, Nagpur

Subject: Consolidation of feedback on Curriculum and Ambience of session 2022-23 of all stakeholders of the Department of Mechanical Engineering and recommendation.

Please find the consolidated sheet of feedback collected from all the stakeholder for Mechanical Engineering Department herewith along with recommendations discussed among all the staff of Department. The action wherever necessary are also provided herewith.

Sr.no.	Recommendations	Action Taken by the Department
1	Some electives in the prescribed syllabus provided by the University Syllabus are industry specific for latest technology used in nearby regional industries.	The electives for students are selected by the students, the support for choosing the needful elective is done and students are asked to pursue additional credits from NPTEL MOOC Courses.
2	Facility for internship and up gradation of software skills are required for employability.	For skill enhancement students are provided with software, complete projects in labs, enroll in AICTE internship and online courses provided by NPTEL.
3	Some programs should be organized related to Entrepreneurship and Soft skills.	Entrepreneurship workshop, communication skills, technical aptitudes for employability are taken by students.
4	To constitute innovation and start-up cell	Initiative for constituting Innovation institute of council (IIC)

Sincerely,

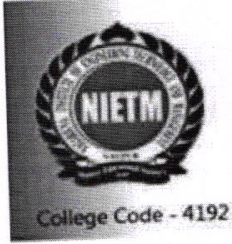

Head of Department

NIETM, Nagpur

Head of Deptt
Deptt. of Mechanical Engg
NIETM Nagpur



Principal
Nagarjuna Institute of Engineering
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To
The Principal,
NIETM, Nagpur

Subject: Consolidation of feedback on Curriculum and Ambience of session 2022-23 of all stakeholders of the Department of Civil Engineering and recommendation.

Please find the consolidated sheet of feedback collected from all the stakeholder for Civil Engineering Department herewith along with recommendations discussed among all the staff of Department. The action wherever necessary are also provided herewith.

Sr.no.	Recommendations	Action Taken by the Department
1	Some electives in the prescribed syllabus provided by the University Syllabus are very much important for latest technology used in nearby regional industries.	The open electives are chosen by the students considering the domain area to be pursued by the student
2	For skill enhancement software engineering and development, structural engineering, sustainable development etc.	The software for students are provided for upgrading their skills
3	Field visits, working on-site to oversee and manage design and construction	Practical application of engineering principles and skills are provided by visiting to dams, roads, bridges and infrastructure projects.

Sincerely,

Head of Department

NIETM, Nagpur

HOD

Civil Engineering Department
NIETM, Nagpur

Principal
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To

The Principal,

NIETM, Nagpur

Subject: Consolidation of feedback on Curriculum and Ambience of session 2022-23 of all stakeholders of the Department of Electrical Engineering and recommendation.

Respected Sir/ Madam,

Please find the consolidated sheet of feedback collected from all the stakeholder for Electrical Engineering Department herewith along with recommendations discussed among all the staff of Department. The action wherever necessary are also provided herewith.

Sr.no.	Recommendations	Action Taken by the Department
1	There is need to incorporate courses on entrepreneurship and Start-up management.	The students are advised to take open electives like entrepreneurship development, electric vehicle, environmental science and sustainable development. Initiative for setting up Institute innovation council is taken for student ideas and start-ups.
2	For skill enhancement the various software courses are available in the institution.	The software with student version and full software packages are provided to them

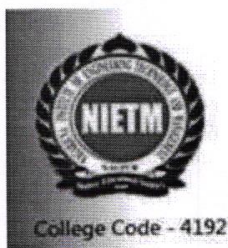
Sincerely,

Head of Department

NIETM, Nagpur

H. O. D.
Dept. of Electrical Engg.
N.I.E.T.M.

Principal
Nagarjuna Institute of Engineering
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The Principal,

NIETM, Nagpur

Subject: Consolidation of feedback on Curriculum and Ambience of session 2022-23 of all stakeholders of the Department of Computer Science Engineering and recommendation.

Please find the consolidated sheet of feedback collected from all the stakeholder for Civil Engineering Department herewith along with recommendations discussed among all the staff of Department. The action wherever necessary are also provided herewith.

Sr.no.	Recommendations	Action Taken by the Department
1	Need knowledge on recent trends on artificial intelligence and python programming	Arranged extra practical classes of various areas of recent trends.
2	More exposure to live projects	Insisted the final year students to do the real time projects.
3	Need Coding training and programs on communication skill	Add-on programs/courses are instructed to pursue offline/online

Sincerely,

Head of Department

NIETM, Nagpur

[Handwritten Signature]
Head of Dept
Dep. of Computer Science Engg. I
NIETM, Nagpur

[Handwritten Signature]
Principal
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To

The Principal
NIETM, Nagpur

Subject: Consolidation of feedback on Curriculum and Ambience of session 2022-23 of all stakeholders of the Department of MBA and recommendation.

Please find the consolidated sheet of feedback collected from all the stakeholder for MBA Department herewith for your ready reference. The recommendations are discussed among all the staff of Department. The action wherever necessary are also provided herewith.

Sr.no.	Recommendations	Action Taken by the Department
1	Need more training based on specializations like HR, finance, marketing, operations and systems.	Talk lectures are regularly organized for enhancing core specializations.
2	Entrepreneurship cell.	Initiative for setting up an Institute Innovation Council (IIC) is considered for startups and entrepreneurship.

Sincerely,


Head of Department

NIETM, Nagpur



Principal

Nagarjuna Institute of Engineering
Technology & Management