



Shri Sai Shikshan Sanstha's

NAGPUR INSTITUTE OF TECHNOLOGY



CRITERION 7

INSTITUTIONAL VALUES AND BEST PRACTICES

7.3

Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

To reduce the enormous use of paper and printing the entire data, signature and a seal by the Competent Authority for all the papers, we have used the Class-3 Digital Signature where a registration authority i.e. Dr. Amol Deshmukh, Principal of our institute authenticate the documents and responses claimed in this pdf file.



NAGPUR INSTITUTE OF TECHNOLOGY

(Affiliated to RTM Nagpur University & Approved by AICTE New Delhi)

CAMPUS: 13/2, Mahurzari, Near Fetri, Katol Road, Nagpur-441501, India

Email Id : registrar@nit.edu.in Web : www.nit.edu.in Contact No. 09764974144

RTMNU College Code: 315

DTE Code: 4144

AICTE ID : 1-4830701

Institutional Distinctiveness

Title: -Efforts towards social and community equivalence

Objective of the Practice: -

- Our institute vision is "Service to society by creating Technical and skilled man power through value based Technical Education".
- We also aim to empower rural students from economically disadvantaged backgrounds by providing comprehensive support through free coaching, mock tests, and preparatory programs for the MHT-CET entrance examination, enabling them to achieve educational success, secure well-paying jobs, and contribute to nation-building.

Context: -

Nagpur Institute of Technology believes in its moral and social responsibility to extend financial support and assistance to underprivileged, economically weaker, and meritorious students. This initiative is a humble contribution towards youth empowerment and development, aiming for "Nation Building" through "Giving Back to Society."

Nagpur Institute of Technology (NIT) is situated in a rural area and caters to students from socioeconomic backgrounds, including middle-income, lower-middle-income, and lower-income families. Many of these students are first-generation learners, making them the first in their families to receive an education or pursue higher education. Their primary goal is to pursue technical education to secure good jobs and support their families. Recognizing these aspirations, NIT has introduced various supportive activities to help these students to become employable.

Few of the supportive activities provided by NIT for these students include:

- The institute implements various initiatives to provide focused guidance for entrance test preparation, enabling students to become eligible for technical education in engineering.

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- We provide comprehensive support to rural students preparing for various employability tests.
- We offer training in entrepreneurship, technological awards, patents, and copyrights to the rural students.
- We provide sports training for students from rural backgrounds. And many more

Practice: -

1) Guidance for MHT-CET Exam

MHT-CET is an entrance examination conducted by the CET cell of the Maharashtra Government for admissions to technical educational institutions. Nagpur Institute of Technology offers free coaching classes for economically disadvantaged students from rural areas for this examination.

Process of Conducting NIT MHT-CET Free Coaching Classes:

- Conduct awareness programs about the MHT-CET entrance examination and announce free coaching classes for 12th-grade science students from various junior colleges in rural areas.
- Register economically weak students through a Google form.
- Start the free coaching classes at various centers in rural areas after the completion of the Maharashtra state board examination.
- Provide guidance and assistance in three main subjects required for the MHT-CET entrance examination: Mathematics, Chemistry, and Physics.
- Experienced basic science faculty members from NIT teach the syllabus designed by the MHT-CET cell of Maharashtra.
- The classes run for 40 days.
- Conduct regular unit tests during the coaching.
- Ensure comprehensive development of the students for the MHT-CET entrance examination.

2) NIT MHT-CET Assessment Test

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NIT conducts mock tests modeled after the MHT-CET entrance examination pattern.

Process of Conducting NIT MHT-CET Mock Test:

- Students register for the mock test conducted by NIT.
- NIT prepares sample papers for Mathematics, Chemistry, and Physics with the help of experts.
- Ensure that the paper pattern aligns with the government MHT-CET examination.
- Conduct the mock test at various junior colleges in rural areas.
- Obtain permissions from junior colleges for smooth conduction of the mock test.
- Faculty members check the mock test papers and display results on the institute website.
- Award prizes to the top three students of the NIT MHT-CET mock test and felicitate them during the institute's annual program.

3) Success Strategies: Effective Preparation for Entrance Examinations:

NIT conducts an orientation program, "Success Strategies," designed to equip rural students with the necessary tools for excelling in the MHT-CET entrance examination. Esteemed faculty members from Nagpur lead the program, offering expert guidance on the syllabus, problem-solving techniques, and examination patterns to enhance students' preparation and performance.

Our students for whom we have provided various facilities and amenities have made their career. Few of our achievers are

- Harshal Narayan Wankhede selected in Indian woodball Team for the event 3rd Bitch Woodball Word cup at Malesia. He is also selected in Indian Woodball Team.
- Mr. Nadeem Khan is the entrepreneur and establishes the company NS Lava Pvt., Nagpur. He is also received 2nd prize in Global Student Entrepreneur Award from top Indian student entrepreneur and represented India at US Global Finals at Washington.
- Miss Manasi Bagde is pursuing her higher education in Masters of business in Information Technology from RMIT University, Australia.
- Snehal Parate is selected in TATA Consultancy Services Limited (TCSL) as a Assistant System Engineer-Trainee in Grade Y.

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Conclusion: -

As part of our efforts towards making the rural students more enlightened for their entrance with these outcomes-

- Students gain familiarity with the pattern and process of the Maharashtra government MHT-CET entrance examination.
- Students gain comprehensive knowledge about the MHT-CET examination and the admission process for technical institutes.
- The NIT MHT-CET Mock Test provides rural students with a clear understanding of the pattern and process of the Maharashtra government MHT-CET entrance examination.
- Our institute also offers admission to economically disadvantaged students from rural areas at reduced tuition fees, which facilitates their entry into various technical companies.
- Our Institute help student help to achieve his career goal in diverse field like Placement, Entrepreneurship, Higher Education, Sports and many more.

Title: Distinctive Achievements in Environmental Sustainability

Accreditation Overview: The Nagpur Institute of Technology has consistently demonstrated its commitment to environmental sustainability through various initiatives and practices. This dedication is reflected in the recent recognition of Nagpur Institute of Technology has been awarded a Certificate of Accreditation by the Mahatma Gandhi National Council for Rural Education (MGNCRE) under the Ministry of Education, Government of India. The certificate acknowledges the institute's exceptional performance in various environmental sustainability parameters.

Distinctive Features:

1. Green Cover on Campus (Grade: A+)
2. Surface Water Harvesting (Grade: A+)
3. Rooftop Water Harvesting (Grade: A)
4. Rooftop Solar System (Grade: B)
5. Waste Management (Grade: A)

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