

**NAGARJUNA INSTITUTE
OF ENGINEERING,
TECHNOLOGY &
MANAGEMENT, NAGPUR,
MAHARASHTRA.**

(Accredited by NAAC with Grade B++)

**MANDATORY DISCLOSURE
SESSION (2026-27)**



**FOR
B.TECH, MBA & MCA (Proposed)
COURSES**

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1. Name of the Institution

- **Address including Telephone, Mobile, E-Mail & Web site.**

Nagarjuna Institute of Engineering, Technology & Management.

Village Satnavari, Amrawati Road, Nagpur –

440 023, Maharashtra, India.

Contact No.: 86984 02648

Email Id: maitrey.ngp@gmail.com

Web site: www.nietm.in

2. Name and address of the Trust/ Society/ Company and the Trustees

- **Address including Telephone, Mobile, E-Mail**

Maitrey Educational Society (MES)

Address: Village Satnavari, Amrawati Road,

Nagpur – 440 023, Maharashtra, India.

Contact No. : 98230 36655

Email Id: maitrey.ngp@gmail.com

3. Name and Address of the Vice Chancellor/ Principal/Director

- **Address including Telephone, Mobile, E-Mail**

Dr. M. K. Rahangdale

Director

Address: Village Satnavari, Amrawati Road,

Nagpur – 440 023, Maharashtra, India.

Contact No.: +91-90494 72992

Email Id: principalnietm@gmail.com

4. Name of the affiliating University

- **Address including Telephone, Mobile, E-Mail**

Rashtrasant Tukadoji Maharaj Nagpur University, (Formerly Nagpur University)

Address: Rashtrasant Tukadoji Maharaj Nagpur University

Amravati Rd, Gokulpeth, Nagpur, Maharashtra 440033

Contact No. 0712-2956309,

Email Id: vc@nagpuruniversity.nic.in

Web Site: www.nagpuruniversity.ac.in

5. Governance

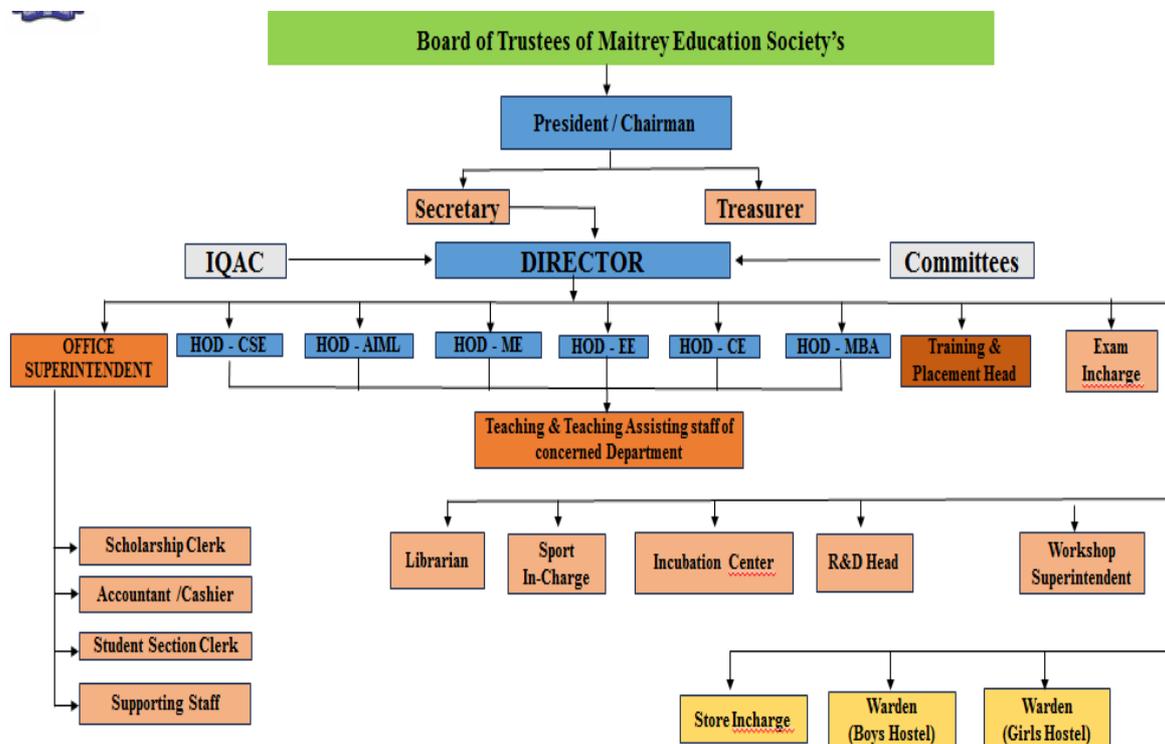
•Members of Academic Advisory Body (Governing Council)

S. No.	Name	Designation
1.	Mr. Ajay B. Waghmare	President
2.	Mrs. Bhavna Sukhdeve	Vice President
3.	Mr. Pradip Nagrare	Secretary
4.	Mr. Kuldeep P. Ramteke	Treasurer
5.	Mr. Ashwajit Gaikwad	Joint Secretary
6.	Mr. Sandip S. Kamble	Member
7.	Mr. Vijay Meshram	Member
8.	Mrs. Alka V. Meshram	Member
9.	Mr. Varun Motghare	Member
10.	Mr. Aditya A. Deogade	Member
11.	Mr. Madan A. Matey	Member

•Frequently of the Board Meeting and Academic Advisory Body

Board meeting is regularly held twice in a year and Academic Advisory Body meeting is regularly held every quarterly

Organizational chart and processes



- **Nature and Extent of involvement of Faculty and students in academic affairs/improvements**

The college has a constituted Board of Governors having 11 members including the members of management committee, eminent educationists, industrialists, bureaucrats and Faculty members of college. The Director of the college is the Member Secretary of the board. The board meets once in 6 months and reviews the progress on all fronts. All policy matters relating to additional courses, investment in additional infrastructure and other major resources, major systemic / organizational changes, perspective plan etc. are discussed and decided by the Board of Governors. The board also reviews and passes the annual budget.

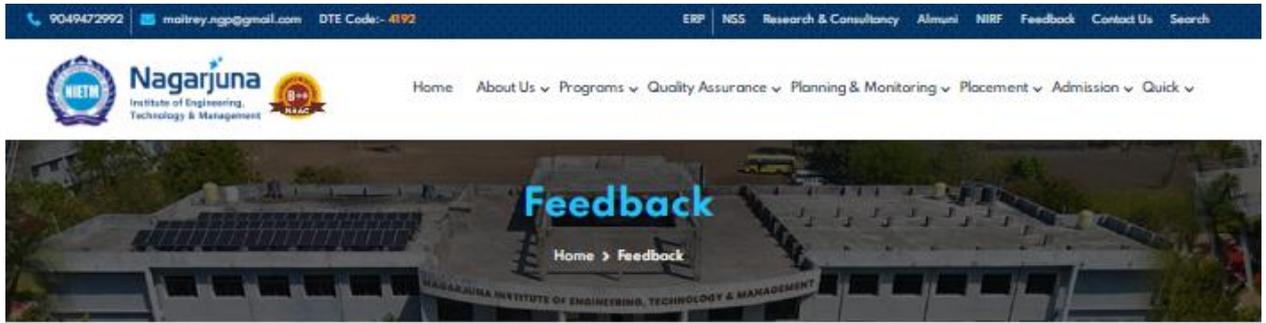
The Governing Council of the college is composed of the Chairman, Secretary, Treasurer, one/two other members of the management committee and the Director General who acts as the Convener. The council meets once / twice in a month or as necessary to regularly review and decide on various functional issues of importance.

- **Mechanism/ Norms and Procedure for democratic/ good Governance**

The college promotes a culture of participative management. The management of the college rests with its Governing Body, whose member, is appointed in accordance with the guidelines provided by RTMNU University, Nagpur and AICTE. The Director is the academic and administrative head of the Institution and also the member secretary of the governing body. The Heads of Departments are responsible for the day-to-day administration of the departments and report directly to the Director. Additionally, every department has distributed various duties among faculty members which play an important role in various institutional functions. These duties have been discussed in departmental meetings conducted and the minutes of these meetings are recorded.

- **Student Feedback on Institutional Governance/ Faculty performance**

Feedback is obtained from the students in a formal manner at the end of each semester in the prescribed format. The feedback is analyzed by the examination control cell and sends it to the HoD concerned department and a summary of the same is prepared. This feedback mechanism is primarily used for identifying the weaknesses in teaching learning process. The faculty is counseled by the head of the department so as to improve the process of teaching learning.



Link: <https://nietm.in/feedback/>

Feedback from the stakeholders such as employers, alumni, parents is obtained at regular intervals from which the adequacy of the curriculum is ascertained. Any changes/upgradations in the curriculum are discussed by the college academic committee and the same is conveyed to the University for Necessary Action.

•**Grievance Redressal mechanism for Faculty, staff and students**

In order to redress individual as well as collective grievances of the Faculty, staff and students of the college, a grievance redressal mechanism has been devised.



Grievance Redressal Cell

As per the AICTE's notification (Redressal of Grievance of students) Regulation, 2019 vide F. No. 1-101/PGRC/AICTE/Regulation/2019, dated 07/11/2019, Nagarjuna Institute of Engineering, Technology & Management has established grievance redressal mechanism for students and faculty with a view to address the grievance of faculty/staff members/students. In light of the above, the institute has constituted a committee for grievance and redressal to look into the grievances of the faculty/staff members.

For Online Submission	Click Here
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The composition of the grievance redressal committee (GRC) is as follows:

- a) Principal of the institute as chairperson.
- b) One senior professor of the affiliating RTMNU, Nagpur as a member.
- c) One official from the Regional Office, Directorate of Technical Education (DTE), Nagpur.
- d) One senior faculty of the institute (not below Associate Professor) as a member.

Objectives:-

- 1) A complaint from an aggrieved faculty / staff member / student relating to the institute shall be addressed to the Chairperson, GRC.
- 2) The GRC shall send its report with recommendations, if any, to the concerned DTE or university and a copy thereof to the aggrieved faculty/staff member, within 15 days from the date of receipt of the complaint.
- 3) In case faculty/staff is not satisfied with the decision of the grievance redressal committee, they may appeal to the RTMNU, Nagpur/RODTE, Nagpur for redressal of their grievance.

The committee members of GRC constituted at the institute level are as follows:

Any aggrieved person may make, in writing, a complaint in written along with supporting documents to any member of committee. The Committee shall discuss and decide on its jurisdiction to deal with the case.



Online Grievance Redressal Submission Form

Name of Student *	Email ID *
<input type="text"/>	<input type="text"/>
Name of Department *	Student Enrollment *
<input type="text"/>	<input type="text"/>
Semester *	
<input type="text"/>	
Message *	
<input type="text"/>	
What is 7 x 8?	
<input type="text"/>	
Note: Rename "Online Student Grievance Submission: rename with "Online Grievance Redressal Submission"	
<input type="button" value="Submit"/>	

Link: <https://nietm.in/online-grievance-redressal-submission/>

•Establishment of Anti Ragging Committee

The college has Anti Ragging Committee, Anti Ragging Squad as well other Student Counselling Committee as provisioned in UGC/AICTE regulation 2009. Constitution of the committee and the progress report sent to the University.

•Establishment of Online Grievance Redressal Mechanism

In order to address the grievances of Faculty & Staff of College, which are not taken care of by the normal available channels, a separate “Grievance Redressal Committee (GRC)” is constituted.

The concerned Faculty / Staff should contact any member of committee, preferably in writing, about their grievance so that suitable remedial action, if required, may be initiated by the committee. The grievance may also be registered online <https://nietm.in/online-grievance-redressal-submission/>

It may be noted that anonymous/ unnamed grievance / complaints without proper details will not be entertained. It is expected that this will help maintain a positive, harmonious and conducive atmosphere in the College.

- **Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University.**

For promoting better stakeholder relationship, the institution has set up a grievance redressal cell to attend to each and every complaint. The Institution immediately addresses the problems and solves them effectively. The member of the cell includes HoDs, senior faculties and staff members, under the leadership of the Director.

• **Establishment of Internal Complaint Committee (ICC)**

Under the provision of the Sexual Harassment of Women at Prevention, Prohibition and Redressal Act, 2013, the internal Complaint Committee is formed with 10 members.

In event of any incident of sexual harassment, lady staff/student may contact any member of the committee.

Link: <https://nietm.in/internal-complaint-cell/>

• **Establishment of Committee for SC/ST**

The scheduled Caste (SC) and Scheduled Tribes (ST) Committee is formed to promote the special interest of students in the reserved category and to provide special inputs in areas where the students experience difficulty.

According to the regulations framed by AICTE, the Committee must meet at least twice a year and the decisions arrived are mandatorily implemented. The Committee functions under the Chairmanship of the Director.

• **Internal Quality Assurance Cell**

The IQAC for each department comprises of HOD and department Prof. Atul Akotkar. The contribution of IQAC in improving teaching –learning process is:

- To develop a system for conscious, consistent and catalytic improvement in the overall performance of institution.
- Prepare and collect right feedback form to be filled by students so that the teaching style of the teacher can be judged.
- Analyze the feedback and give advisory for calibration if required to enhance deliveries.
- Conduct seminar, interact with academicians and people from industry to get first-hand information on the scientific trend and market need to boost the teaching quality.
- Conduct periodic auditing of faculty members in terms of lecture deliveries with respect to predefined lecture-wise schedule is carried out and reviewed by HoD and department MR (IQAC).
- Monitor the performance of the students.
- Arrange visiting faculty in thrust areas.
- Conduct periodical meetings fortnightly with faculty members for further improvement.

6. Programmes

- Name of Programmes approved by AICTE

S. No.	Branch Name	Intake in 2026-27
	B. Tech.	
1	Civil Engineering	60
2	Computer Science & Engineering	120
3	Computer Science & Engineering (AI&ML)	60
4	Electrical Engineering	60
5	Mechanical Engineering	60
6	MBA	120
7	MCA	120

- Name of Programmes **Accredited by NBA**

NIL

- Status of Accreditation of the Courses: N o t Applied for Accreditation

- For each Programme the following details are to be given (Preferably in Tabular form):

- Name
- Number of seats
- Duration
- Cut off marks/rank of admission during the last three years
- Fee (as approved by the state government)
- Placement Facilities
- Campus placement in last three years with minimum salary, maximum salary and average salary

S.No.	Branch Name	Seats	Duration in years	Entry Level	Fee in Rs.	Placement Facilities
	B.Tech.					
1	Civil Engineering	60	4	10+2	96,000	Yes
2	Computer Science & Engineering	120	4	10+2	96,000	Yes
3	Computer Science & Engineering (AI&ML)	60	4	10+2	96,000	Yes
4	Electrical Engineering	60	4	10+2	96,000	Yes

5	Mechanical Engineering	60	4	10+2	96,000	Yes
6	MBA	120	2	Graduation	78000	Yes

Last Rank for admission during last three years

S. No.	Branch	2023-24	2024-25	2025-26
1	CSE	50445	151507	170111
2	CSE (AIML)	59856	68697	25386
3	EE	76192	175055	214380
4	ME	72287	175149	215262
5	CIVIL	69090	175141	213566
6	MBA	50410	50355	54597

Placement Facilities

NIETM believes that each student is a valuable resource. The placement cell focuses on each student to maximize his/her career prospects and assists him/her in achieving the same. Students are placed through campus recruitment programs. The Training and Placement Cell is committed to fulfilling the dreams of all those who graduate from NIETM. Objective of the placement cell is to place students in good companies. This is achieved through campus selections conducted in the college for which the students are trained in aptitude, technical and soft skills, much ahead of campus selections. The Cell believes in overall development of the students' personality, which will help them to achieve a rewarding career.

Number of students placed by College through its placement Cell

Year	S.No.	Branch Name	Number of Students Placed	Minimum Salary in Lakhs per Annum	Maximum Salary in Lakhs per Annum	Average Salary in Lakhs per Annum
2023-24	1	Civil Engineering	09	2.4	3.6	3
	2	Computer Science & Engineering	23	3	5.5	4.25
	3	Computer Science & Engineering (AIML)	---	---	---	---
	4	Electrical Engineering	11	1.2	3.25	2.225
	5	Mechanical Engineering	06	2.5	4.8	3.65
	6	MBA	05	1.8	3.6	2.7
2024-25	1	Civil Engineering	12	3.6	5.5	4.55
	2	Computer Science & Engineering	28	2.4	4.8	3.6
	3	Computer Science & Engineering (AIML)	---	---	---	---
	4	Electricals Engineering	05	2.4	3.6	3
	5	Mechanical Engineering	11	2.4	4.2	3.3
	6	MBA	22	3	4.8	3.9
2025-26	1	Civil Engineering	15	3.36	5	4.18
	2	Computer Science & Engineering	30	3	6.65	4.825
	3	Computer Science & Engineering (AIML)	15	3	5.2	4.1
	4	Electrical Engineering	12	3.36	6	4.68
	5	Mechanical Engineering	14	3.36	5.5	4.43

- Name and duration of Programme(s) having Twinning and Collaboration with Foreign

University(s) and being run in the same Campus along with status of their AICTE approval.

If there is Foreign Collaboration, give the following details: **-NA-**

- Details of the Foreign University
- Name of the University
- Address
- Website

- Accreditation status of the University in its Home Country
- Ranking of the University in the Home Country

- Whether the degree offered is equivalent to an Indian Degree? If yes, the name of the agency which has approved equivalence. If no, implications for students in terms of pursuit of higher studies in India and abroad and job both within and outside the country

- Nature of Collaboration **-NA-**
- Conditions of Collaboration
- Complete details of payment a student has to make to get the full benefit of Collaboration

• For each Programme Collaborated provide the following:

- Programme Focus
- Number of seats
- Admission Procedure
- Fee (as approved by the state government)
- Placement Facility
- Placement Records for last three years with minimum salary, maximum salary and average salary
- Whether the Collaboration Programme is approved by AICTE? If not whether the Domestic/
- Foreign University has applied to AICTE for approval

7. Faculty

- Course/Branch wise list Faculty members:
- Permanent Faculty
- Adjunct Faculty
- Permanent Faculty: Student Ratio

S. No.	Name of Course	Total sanctioned intake for four years	FSR	Total
(UG) B.TECH				
1	Civil Engineering	60	6	
2	Computer Science & Engineering	120	12	
3	Computer Science & Engineering (AI&ML)	60	6	
4	Electrical Engineering	60	6	
5	Mechanical Engineering	60	6	
TOTAL (UG)				36
1	MBA	120	12	
2	MCA (Proposed)	120	06	
TOTAL (PG)				18
GRAND TOTAL				54

- **Number Faculty employed and left during the last three years**

Sl. No.	Academic Year	Total number of Faculty Joined	Total number of Faculty Left
1	2025-26	27	31
2	2024-25	43	41
3	2023-24	58	46

8. Profile of Director

Name of Teaching Staff		Dr. Murlidhar K. Rahangdale			
Designation		Director			
Department		Department of Chemistry			
Date of joining the Institution:					
Date of Birth	12 th July 1973	Uni que ID			
Qualifications with Class/Grade		UG (Degree Name): BMC (Batchler of Mass Communication)	PG (Degree Name): M.SC (Industrial Chemistry)	PhD: Industrial Chemistry	
		Percentage /CGPA	Percentage /CGPA	-	
Total Experience in Years (Should not be repeated)		Teaching (Excluding Research)	Industry	Re sea rc h	Oth ers
		25	3	-	-
No. of Papers Published in Journals		National		International	
		6		10	
No. of Papers Presented in Conferences		National		International	
		5		5	
Area of Specialization					
PhD Guide? Give field & University		Field		University	
		Chemistry		R.T. M. Nagpur University	
No. of PhDs/Projects Guided		PhDs Ongoing	PhDs Completed	Projects at Master level	
			-		
Research Guidance (Number of Students)		No. of Papers Published in National Journals	No. of Papers Published in National Conferences	No. of Papers Published in International Journals	No. of Papers Published in International Conferences
		-	-		

Books Published/IPRs (Books Details- Title/ISBN/Publisher/Year)	-				
Projects Carried Out	5				
Courses Taught	Diploma	Post Diploma	Under Graduate	Post Graduate	Post Graduate Diploma
	-	-			-
Patent (Filed/Granted)	3				
Professional Memberships	<ul style="list-style-type: none"> • Member of Indian Society of Analytical Scientists- Nagpur Chapter • Member of Faculty of Science & Technology, RTMNU • BOS Member, RTMNU • BOS Member, Rasoni University , Saikheda 				
Grants Fetched / Awards	<ul style="list-style-type: none"> • Best Researcher Award, STAMI, National Award • Best Teacher Award, Amravati University • Best Teacher Award, RTMNU 				
Interaction with Professional Institutions					
Technology Transfer	-				

9. Fee

•Details of Fee, as approved by State Fee Committee, for the Institution

B. Tech Course fees Rs. 96,000/- per year & MBA Course fees Rs. 78,000/- per year

•Time schedule for payment of Fee for the entire Programme

Charged Annually

•**No. of Fee waivers granted with amount and name of students**

Total 05 {5 (B. Tech) + 0(MCA)} students were admitted in the year 2025-26 under TFW (Tuition Fee Waiver) category by RTMNU, Nagpur.

S. No.	Name of the Student	Branch
1	RAJ PREMNATH VERMA	CSE
2	ROHIT LAXMIKANT SHELKE	CSE
3	AVDHUT SANJAY PAWALE	CSE
4	ROHIT SUBHASH WATPAL	CSE
5	VISHRUT SATISH RAUT	CSE(AIML)
6	MAYURESH ARUN SHELKE	CSE(AIML)
7	ROHIT FULE	CSE(AIML)

•**Number of scholarship offered by the Institution, duration and amount (2024-25)**

Sl. No.	Category	Number of Students	Amount in Rs.
1	SC/ST	342	□ 16,88,227.00
2	General	83	□ 3,54,96,782.00
3	OBC	356	□ 3,79,36,750.00
4	Minority	1	□ 25,62,700.00
	Total	782	□ 8,49,62,161.00

❖ **Criteria for TFW (Tuition Fee Waiver)**

Sons/ Daughters of parents whose annual income from all sources does not exceed Rs. 8.00 Lacs. The Waiver is limited to the Tuition Fee as approved by the State Level Fee Committee for Self-Financing Institutions and by the Government for the Government/ Government aided institutions. All other Fees except Tuition Fee shall have to be paid by the beneficiary.

10. Admission

•**Number of seats sanctioned with the year of approval 2026-27**

	Branch Name	Intake in 2026-27
	B.Tech.	
1.	Civil Engineering	60
2.	Computer Science & Engineering	120
3.	Computer Science & Engineering (AI&ML)	60
4.	Electrical Engineering	60
5.	Mechanical Engineering	60
6.	MBA	120
7	MCA (Proposed)	120

•Number of Students admitted under various categories each year in the last three years
Year 2025-26

Sl. No.	Branch	Sanctioned Intake	Actual Admission
1	CIVIL	60	41
2	CSE	120	125
3	CSE(AIML)	60	63
4	EE	60	55
5	ME	60	40
6	MBA	120	120
	TOTAL	480	444

Year 2024-25

Sl. No.	Branch	Sanctioned Intake	Actual Admission
1	CIVIL	60	20
2	CSE	60	63
3	CSE(AIML)	60	60
4	EE	60	35
5	ME	60	27
6	MBA	120	119
	TOTAL	420	324

Year 2023-24

Sl. No.	Branch	Sanctioned Intake	Actual Admission
1	CIVIL	60	05
2	CSE	60	49
3	CSE(AIML)	60	52
4	EE	60	18
5	ME	60	07
6	MBA	120	93
	TOTAL	420	224

•Number of applications received during last two years for admission under Management Quota and number admitted

❖ **Year 2025-26**

Total around 0 applications has been received for admission under management quota. 0 students were admitted under management quota.

❖ **Year 2024-25**

Total around 143 applications has been received for admission under management quota. 46 students were admitted under management quota.

11. Admission Procedure

- **Mention the admission test being followed, name and address of the Test Agency/State Admission Authorities and its URL (website)**

All admissions are made through Government of Maharashtra State Common Entrance Test Cell (MHCET) Based on the State entrance examination of JEE/MHCET for degree level Engineering Course. For further details, the following website may be visited:

Website: <https://cetcell.mahacet.org/>

As per Information brochures of MHT CET/NIETM Direction / AICTE Norms

- **Number of seats allotted to different Test Qualified candidate separately AIEEE/JEE/CET (State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test etc.)**

As per Information Brochure of MHT CET/NIETM Directions/AICTE Norms.

- **Calendar for admission against Management/vacant seats:**

- **Last date of request for applications:**

As per Information Brochure of MHT CET/NIETM Directions

- **Last date of submission of applications:**

As per Information Brochure of MHT CET/NIETM Directions.

- **Dates for announcing final results:**

As per Information Brochure of MHT CET/NIETM Directions.

- **Release of admission list (main list and waiting list shall be announced on the same day)**

As per Information Brochure of MHT CET/NIETM Directions

- **Date for acceptance by the candidate (time given shall in no case be less than 15days)**

As per Information Brochure of MHT CET/NIETM Directions.

- **Last date for closing of admission:**

As per Information Brochure of MHT CET/NIETM Directions/AICTE norms.

- **Starting of the Academic session:**

As per RTMNU guidelines.

- **The waiting list shall be activated only on the expiry of date of main list:**

As per Information Brochure of MHT CET/NIETM Directions/AICTE norms.

- **The policy of refund of the Fee, in case of withdrawal, shall be clearly notified:**

In case of cancellation of admission, fee will be refunded as per the AICTE notification and G.O. passed by the M.H. Government.

S.No.	REQUEST FOR REFUND	REFUND
a.	Request received before start of academic session	Entire fee after deduction of Rs.1000/-
b.	Request received after start of academic session / last date of admission and seat remaining vacant after the last date of admissions.	Caution money only

In case of withdrawal from hostel, only security and mess charges on a pro rata basis (for unutilized months) are refundable.

12. Criteria and Weightages for Admission

- Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc.

Programme	Duration	Eligibility
B.Tech	4-years	Passed 10+2 examination and Obtained at least 45% marks (40% marks in case of candidates belonging to SC/ST category) in the subjects taken together.
B.Tech. (Lateral Entry)	3-years	Passed Minimum THREE years / TWO years (Lateral Entry) Diploma examination with at least 45% marks (40% marks in case of candidates belonging to SC/ST category) in ANY branch of Engineering and Technology (except Agriculture Engg., Pharmacy and Architecture) from the institution recognized by DTE or equivalent. OR Passed B.Sc. Degree from a recognized University as defined by UGC, with at least 45% marks (40% marks in case of candidates belonging to SC/ST category) and passed 10+2 examination with Mathematics as a subject. Will be allotted if seats remain vacant after allotment to Diploma Students.
MBA	2-years	Passed any graduation degree with Mathematics at 10+2 level or at Graduation level Obtained at least 50% marks (45% marks in case of candidates belonging to SC/ST category) in the qualifying examination.

Candidates have to appear in the MHT CET (Government of Maharashtra State Common Entrance Test Cell) apart from qualification given above to get the admission.

- **Mention the minimum Level of acceptance, if any**

Not Applicable

- **Mention the cut-off Levels of percentage and percentile score of the candidates in the admission test for the last three years**

Rank during last three years

Sr. No.	Branch	2023-24	2024-25	2025-26
1	CIVIL			
2	CSE			
3	CS(AIML)			
4	EE			
5	ME			
6	MBA			

- Display marks scored in Test etc. and in aggregate for all candidates who were admitted

Yes

13. List of Applicants

- **List of candidate whose applications have been received along with percentile/percentages core for each of the qualifying examination in separate categories for open seats. List of candidate who have applied along with percentage and percentile score for Management quota seats (merit wise)**

Admission are done as per University Guidelines.

14. Results of Admission Under Management seats/Vacant seats

- **Composition of selection team for admission under Management Quota with the brief profile of members (This information be made available in the public domain after the admission process is over)**

The admission committee comprising Director, HOD First Year of Institute make admission under Management Quota seats according to the PCM merit at 10+2 level.

- **Score of the individual candidate admitted arranged in order or merit**

As per Information Brochure of MHT CET/NIETM Directions.

- **List of candidate who have been offered admission**

As per Information Brochure of MHT CET/NIETM Directions.

- **Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate**

As per Information Brochure of UPTAC/AKTU Directions.

- **List of the candidate who joined within the date, vacancy position in each category before operation of waiting list**

As per Information Brochure of MHT CET/NIETM Directions.

15. Information of Infrastructure and Other Resources Available

- **Number of Class Rooms and size of each**

Total 70 classrooms with area of 90 Sq.M each

- **Number of Tutorial rooms and size of each**

Total 16 Tutorial rooms with area of 45 Sq.M each

- **Number of Laboratories and size of each**

Total 103 laboratories

- **Number of Workshop and CADD centre with capacity of each**

05 Workshops and 05 CADD center

- **Number of Drawing Halls with capacity of each**

02 Drawing halls with area of 165 Sq.M each

- **Number of Computer Centres with capacity of each**

Total 04 Computer Centres, 1 with capacity of 60 students and other 3 with capacity of 30 students each.

- **Central Examination Facility, Number of rooms and capacity of each**

College has central examination office which is responsible for the administration of examinations. Total rooms available in college for conduct of examination is around 50 with seating of 40 students each.

• **Online examination facility (Number of Nodes, Internet bandwidth, etc.)**

Number of Nodes: 500

Bandwidth: More than 300 MBPS

• **Barrier Free Built Environment for disabled and elderly persons**

To facilitate convenient entrance of disabled and elderly persons to various college buildings ramps alongside stairs have been made on the entrance of ground floor of Main Block, ME Block, LT Block, CS/IT Block. Facility of a special toilet for disabled persons has also been provided in CS / IT Block. The college also has the facility of lifts in Main Block, CS / IT Block, Girls Hostel 1 and Boys Hostel 2.

• **Occupancy Certificate**

Yes (Attached as Appendix ‘A’)

• **Fire and Safety Certificate**

Yes (Attached as Appendix ‘B’)

• **Hostel Facilities**

The college has three hostels. Two hostels are for boys and one hostel is for girls. The total capacity of hostels is 200 seats out of which 100 for boys and 100 for girls. Presently 98 boys and 95 girls are residing in the hostels.

The details of facilities existing in the hostels are as follows.

S. No.	Facilities	Place	S. No.	Facilities	Place
1	24x7 Wi Fi	All hostels	14	Canteen	BH-1,2,3 & common for GH
2	TV room	All hostels	15	Ambulance	Common for all
3	Dining hall with mess facilities	All hostels GH-2 is combined with GH-3	16	First Aid box	All hostels

4	Water cooler along with aqua guard on each floor and dining hall	All hostels	17	Football and cricket ground	Common for all
5	Room cleaning facilities	All hostels	18	Hot water facilities in winter	All hostels
6	TT room	GH-1,3 & BH-1,3	19	News paper facilities	All hostels
7	Visitors room	All hostels	20	High drain water pumps for fire fighting	GH-3 & BH-3
8	Gym and Power lifting room	GH-1,3 & BH-1,3	21	Fire extinguisher	All hostels
9	Library room	All hostels	22	Volley ball court	Separate for boys and girls hostels
10	Badminton court	All hostels	23	Kho Kho	Separate for boys and girls hostels
11	Basketball court	One each for GH & BH	24	Kabaddi	Separate for boys and girls hostels
12	Table Tennis game room	BH-1,2	25	Long Jump pit	Separate for boys and girls hostels
13	SSB series obstacles	Common for all	26	High Jump pit	Separate for boys and girls hostels

All existing sports and recreational facilities in the hostels are well maintained and extensively used. The management of all the hostel libraries (Boys & Girls) is being done by the students and its usage has been increasing.

All hostel rooms have been provided with curtains and bedding comprising of one mattress, one pillow, two bed sheets, two bed covers and two pillow covers. A new library and wet

canteen in the boys hostel III has been created. Some new facilities have been added to hostels like fabricated mosquito net doors in all the bath rooms. Also, all the wet canteens in the various hostels have been renovated and upgraded to provide better services to the hostellers. Two pool tables have been procured for the boys hostels I and II. Yoga classes for girl hostlers were conducted regularly. Part time coaches have been appointed to give coaching in evening for sports activities like Volleyball, Table Tennis, Kho Kho, Kabaddi, Football, Basket Ball, Badminton and Athletics.

CENTRAL LIBRARY:

Number of Library books/ Titles/ Journals available (Programme-wise)

S. No.	Courses	Number of titles of the books	Number of volumes of the books	National Journals
1	B. Tech - CSE			
2	B. Tech - CSE (AI&ML)			
3	B. Tech - ME			
4	B. Tech - EE			
5	B. Tech - CE			
6	MBA			
7	MCA			
8	Applied Sc.			
	Total			

List of online National/ International Journals subscribed

E-Journals:

S. No.	Publication	Subject Areas	Access
2.	DELNET	General Engineering & Reference	Access Millions of Networked Library Resources: 5,000+ Full-text E-journals, 40,000+list of Journals, 1,00,000+ Thesis/Dissertations & 2,90,00,000+ Books available for loan
3.	National Digital Library of India (NDL)	General Engineering & Reference	64,651,364 resources of Engineering, Science, Humanities etc.
		Total:	4120+ E-journals, 2,91,00,000 Database

E-Books:

S. No.	Name of Publishers / E-Books	Subject Areas	Access
1.	DELNET	General Engineering & Reference	Access Millions of Networked Library Resources: 2,90,00,000+ Books available for loan
2.	National Digital Library of India (NDL)	General Engineering & Reference	64,651,364 resources of Engineering, Science, Humanities etc.

About Library System:

The NIETM Library System comprises of a Central Library, eight Departmental Libraries and five Hostel Libraries which collectively support teaching, research and extension programmes of the Institute.

The Central Library, housed in the Administrative Block of the College, consists of two sections spread over 1465 Sq Mtrs with a total seating capacity for 100 users. Comfortable study space is provided for faculty, staff and students in the form of reading hall, study cubicles, digital library and faculty reading room.

The library system is very user friendly with sufficient resources to meet the requirements of the users. Addition of resources as per the requirements and norms is a regular feature. Sufficient numbers of qualified staff are employed to manage the activities of the library.

The state-of-the-art facilities include KOHA Open Source Library Management Software which also has Web Based Online Public Access Catalogue (Web OPAC) from 2014, Digital Library/Institutional Repository Server on DSpace software, Membership to DELNET and National Digital Library which has a collection of more than 6 Lac resources of Engineering, Science, Humanities available for use by all the stakeholders. The library subscribes ProQuest Engineering Collection of 4120+ E-journals access through college IP and remote access through ID / Password.

The Departmental and Hostel libraries are managed and run by the respective departments and hostels with resources taken on loan from Central Library.

All students, faculty and staff of the College are entitled to take membership and make use of the library

facilities.

Admission to the Central Library is through Identity/Library Card which is scanned at the entrance to keep record of the users. The library is under camera surveillance through ten cameras that have been installed at various locations.

The library attracts an average of 350 users on a regular working day.

The URL is <https://nietm.in/library/>

Library Automation:

The library is managed by computerized automation through library management software KOHA, which is an integrated multi-user library management system that supports all in-house operations of the library with Barcode. The KOHA consists of modules on acquisition, cataloging, circulation, periodical, article indexing, and Web OPAC.

Web OPAC:

Web based Online Public Access Catalogue (Web OPAC) has been introduced for library data search by users. Web OPAC is a powerful search engine for finding any cataloguing information from KOHA bibliographic database on-line. The resources can be searched on internet based on title of the book, author of the book, subject, publication or accession number of the book.

Library Membership:

At the time of joining the college, users approach the library for membership. The user submits a form filled by them. A photograph is taken in the library by a college photographer. It is used for library cards and LMS. Based on these, the Advisor / Director approves & a bar-coded library card is issued. Whenever a user loses his library card, he is issued a new card based on an application given by the student, and old card details are blocked and a duplicate card is activated.

Their entitlements, in terms of the number of books that can be borrowed by them, are as follows:

Faculty members :- Two books for semester and three books for a month

Staff members :- Two books for a month

PG students :- Three books for a month

UG students :- Two books for ten days

Students are provided Book Bank Books for each subject for the entire semester

Two extra books are provided to the eligible students for one month under the Social Welfare Scheme.

A special facility is provided to the meritorious students in the form of issue of three extra books for one month.

In case of non-availability (already issued) of the desired book in the library, the book can be reserved for the user for issue after it is returned by another user.

Library Hours:

Monday-Saturday: 8:15 AM to 9:00 PM

Sunday and Closed Saturday: 9:00 AM to 5:00 PM

(Self reading area for students is kept open from 8:15 AM to 4:15 PM for self-study for all college working days)

Special arrangements are made to keep the Library open up to **12 O'clock** midnight before and during the Internal / University End Semester Examinations.

Knowledge Resources:

The Central Library of the college has an invaluable collection of text and reference books, journals and e-books, e-journals and a variety of multi-media resources. At present, the total number of titles and volumes on Science, Technology, Humanities and Management are around one lac and thirty-one thousand respectively including book bank books (Total Book collection 1,52,189, Lending Section Books and Reference Section Book collection 39,937, Book Bank book collection 1,12,252). The library subscribes to over 4120+ E-resources/International Journals, and over 106 National Journals. In addition, the library maintains seminar reports, project reports and thesis of students. A separate section with more than 1000 books on personality development and competitive examination preparation are available. All these resources are constantly getting added and increased. The Central Library subscribes to more than 43 magazines and 19 newspapers.

Reference Section:

The Central Library maintains a separate reference collection consisting of text books, reference books, encyclopedias, handbooks, dictionaries and competitive books for GATE, CAT, GRE and GMAT. One copy of each title is kept in Not-For-Issue (NFI) / Reserved Section for the reference of the users within the library only. The Reference Section resources may be issued, if necessary, for overnight after permission from the Senior Librarian.

Reference staff is also available in the reference section/reading section to suggest sources of information and to assist in locating the required resources.

Reference Section hosts sitting area which includes cubicles to facilitate privacy without any disturbance to other students.

Digital Library:

E-journals & E-books:

E-journals & E-books are utilized by the user in the following ways: -

1. Can browse on the digital library systems and anywhere in the campus and outside campus also.
2. Can download and take a copy on Pen Drive.

3. Can also send by email etc.

Report of the usage is collected from the publisher on yearly basis and after analysis a decision is taken for renewal of membership. The library provides access to ProQuest Engineering Collection.

National Digital Library(NDL) subscription details:

National Digital Library of India (NDLI) is a virtual repository of learning resources which is not just a repository with search/browse facilities but provides a host of services for the learner community. It is sponsored and mentored by Ministry of Education, Government of India, through its National Mission on Education through Information and Communication Technology (NMEICT). Filtered and federated searching is employed to facilitate focused searching so that learners can find the right resource with least effort and in minimum time. NDLI provides user group-specific services such as Examination Preparatory for School and College students and job aspirants. Services for Researchers and general learners are also provided. NDLI is designed to hold content of any language and provides interface support for 10 most widely used Indian languages. It is built to provide support for all academic levels including researchers and life-long learners, all disciplines, all popular forms of access devices and differently-abled learners. It is designed to enable people to learn and prepare from best practices from all over the world and to facilitate researchers to perform inter-linked exploration from multiple sources. It is developed, operated and maintained from Indian Institute of Technology Kharagpur.

AKGEC Central Library has taken Institutional Member of NDL. College is also set NDLI club with the help of NDLI Club Team of IIT Kharagpur. The club registration Number is INPUNC3YYKGS43G.

Institutional Membership/ Inter Library Loan:

The Central Library offers inter-library loan service to its users for the books and periodicals not available in the NIETM Library by procuring them from other libraries. The NIETM library has membership of DELNET and National Digital Library which facilitate sharing of resources among member libraries. DELNET has been established with the prime objective of promoting resource sharing among the libraries through the development of a network of libraries. Members of NIETM Central Library can utilize this facility through central library. The resources available under DELNET network include Union Catalogue of Books and Periodicals and database of thesis and dissertations.

Question Papers and Model Solutions:

NIETM central library maintains a Question Papers & Model Solutions Bank consisting of previous question papers of Sessional, PUT (Pre-University Test), and University Examinations along with their model solutions prepared by the respective subject teachers. The collection is readily available for

reference of students in electronic as well as print form in central library and also in electronic form in departmental and hostel libraries for benefit of faculty and students respectively users are allowed to take the documents for making photocopies at the photocopy center.

News Paper Clippings:

Clippings of the latest news related to college events, AICTE, RTMNU, and other Engineering Colleges are maintained on a daily basis for ready reference purposes.

Reprographic Service:

The reprographic services are extended through an external outfit that operates within central library premises for easy access by users. The services include photocopying, scanning, print outs, and spiral binding.

Additional Special Facilities:

Departmental Libraries:

There are eight departmental libraries which have collection of subject books, project reports and old issues of journals relating to their Branch. The resources are provided on loan from the Central Library on semester basis. The departmental libraries are open for use by faculty members and are managed by the respective departments.

Hostel Libraries:

The five Hostel Libraries, two in girls' hostels and three in boys' hostels, maintain general books, novels, books on short stories, personality development and motivational reading. These libraries also maintain newspapers and magazines. Hostel libraries are managed by the students who are paid suitable remuneration.

Reserve Book Section for SC /ST Students:

This section is particularly for the reserved category students viz SC/ST. The books of this section are kept separate so that these students can be benefited.

College Event Photographs:

Event wise photographs are maintained for easy and ready availability of photographs for students.

Laptop Charging Point, Internet Connecting Point and Wi-Fi:

These arrangements facilitate uninterrupted usage of student laptops to allow them work for longer durations.

Fire Alarm System:

A fire Alarm system has been installed in Central Library where smoke sensing devices are installed in the roof. The system facilitates automatic ringing of alarm in case of any smoke so that it can be immediately attended to save from any spreading of fire.

Self-Reading Area:

This area provides space for students to sit with self-reading material in the library which also facilitates consultations and discussions with fellow students. A coffee / Tea vending machine is provided here at subsidized rates to encourage students to visit library.

Faculty Reading Area:

A separate space has been provided in the reference section for use by faculty members.

Laboratory and Workshop

- List of Major Equipment/Facilities in each Laboratory/Workshop

S. NO,	DEPARTMENT	NAME OF THE LABORATORY	LAB / MAJOR EQUIPMENTS
1	CIVIL ENGINEERING	STRUCTURAL DETAILING LAB	DRAWING TABLES
2	CIVIL ENGINEERING	BUILDING PLANNING & DRAWING LAB	BENTLEY CAD/BIM SOFTWARE
3	CIVIL ENGINEERING	CAD LAB	BENTLEY ACADEMIC SPECIAL OFFERING INCLUDING STAAD PRO, WATER GEM SEWER GEM, GIS AND MX ROAD.NISA SO
4	CIVIL ENGINEERING	CONCRETE LAB	FLOWTABLE MOTERISED, EDI COMPRESSION TESTING MACHINE, LABORATORY CONTRETE MIXER PAN TYPE, ETC.
5	CIVIL ENGINEERING	ENVIROMENTAL ENGINEERING LAB	DIGITAL PH METER, DIGITAL TURBIDITY METER,EASTMAN OVAN, EASTMAN MUFFLE WITH TEMP., DIGITAL TDS METER
6	CIVIL ENGINEERING	FLUID MECHANICS	VENTURI METER AND ORIFICE METER, APPARATUS FOR LAMINAR FLOW AND TURBULENT FLOW,APPARATUS FOR ETC.
7	CIVIL ENGINEERING	GEOTECHNICAL LAB	TRIAXIAL TESTING APP,STATIC CONE PENETROMETER,THREE GANG BENCH TYPE CONSOLIDOMETER, DIRECT SHEAR APP
8	CIVIL ENGINEERING	HYDRAULIC & HYDRAULICS MACHINES LAB	TILTING BED FLOW CHANNEL (LENGH 2.5 MTR., WIDTH: 125MM , DEPTH: 200MM) ETC.
9	CIVIL ENGINEERING	MATERIAL TESTING LAB	COMPRESSION TESTING MACHINE,TENSILE STRENGTH TESTER, AUTOMATIC SIEVING MACHINE

10	CIVIL ENGINEERING	SOLID MECHANICS LAB	CURVED BEAM APPARATUS
11	CIVIL ENGINEERING	SURVEY & GEOMATICS LAB	VT20A1E- "EASTMAN" VERNIER TRANSIT THEODOLITE " ERECT IMAGE" SIZE 175 MM ETC. TOTAL STATION 5 SEC AC
12	CIVIL ENGINEERING	TRANSPORTATION LAB	LOS ANGELES ABRASION TESTING MACHINE,RING & DIAL GAUGE,DUCTILITY TESTING MACHINE,FILM STRIPPING DEVIC
13	COMPUTER SCIENCE & ENGINEERING	COMPUTER ORGANIZATION LAB/ DISCRETE STRUCTURE & LOGIC LAB / PYTHON PROGRAMMING LAB	37 COMPUTERS, LASER PRINTER , IP CAMERA
14	COMPUTER SCIENCE & ENGINEERING	CSE-COMPUTER CENTRE-	60 COMPUTERS, LASER PRINTER , IP CAMERA, PROJECTOR
15	COMPUTER SCIENCE & ENGINEERING	DAA LAB / AI LAB / COMPUTER NETWORKS LAB	37 COMPUTERS, LASER PRINTER, IP CAMERA.
16	COMPUTER SCIENCE & ENGINEERING	DAA LAB / COMPILER DESIGN LAB / COMPUTER NETWORKS LAB	37 COMPUTERS, LASER PRINTER, IP CAMERA
17	COMPUTER SCIENCE & ENGINEERING	DAA LAB / DATA ANALYTICS LAB / COMPUTER NETWORKS LAB	37 COMPUTERS, LASER PRINTER, IP CAMERA
18	COMPUTER SCIENCE & ENGINEERING	DATA STRUCTURE LAB / OPERATING SYSTEMS LAB / AI LAB	36 COMPUTERS, LASER PRINTER, IP CAMERA
19	COMPUTER SCIENCE & ENGINEERING	DATA STRUCTURE LAB / OPERATING SYSTEMS LAB / MINI PROJECT LAB	37 COMPUTERS, LASER PRINTER , IP CAMERA
20	COMPUTER SCIENCE & ENGINEERING	DBMS LAB / BIG DATA & ANALYTICS LAB / WEB TECHNOLOGY LAB	37 COMPUTERS, LASER PRINTER , IP CAMERA

21	COMPUTER SCIENCE & ENGINEERING	DBMS LAB / MACHINE LEARNING LAB / WEB TECHNOLOGY LAB	37 COMPUTERS, LASER PRINTER , IP CAMERA
22	COMPUTER SCIENCE & ENGINEERING	DBMS LAB / SOFTWARE ENGINEERING LAB / WEB TECHNOLOGY LAB	36 COMPUTERS, LASER PRINTER , IP CAMERA
23	COMPUTER SCIENCE & ENGINEERING	M.TECH. LAB / COMPUTER CENTRE	37 COMPUTERS, LASER PRINTER , IP CAMERA, PROJECTOR
24	COMPUTER SCIENCE AND ENGINEERING	MINI PROJECT LAB	33 COMPUTERS, LASER PRINTER , IP CAMERA, PROJECTOR
25	COMPUTER SCIENCE AND ENGINEERING	MINI PROJECT LAB / PROJECT LAB	33 COMPUTERS, LASER PRINTER , IP CAMERA, PROJECTOR
26	ELECTRICAL AND ELECTRONICS ENGINEERING	CONTROL SYSTEM LAB	PID CONTROLLER KIT, LINEAR SIMULATOR, AC SERVO MOTOR KIT, DC SPEED CONTROL KIT, DC POSITION CON. ETC
27	ELECTRICAL AND ELECTRONICS ENGINEERING	DIGITAL SIGNAL PROCESSING LAB	DSP KIT WITH PC
28	ELECTRICAL AND ELECTRONICS ENGINEERING	ELECTRICAL ENGG. LAB	TRANSFORMER 2KVA 220/440V, 1-PHASE & 3-PHASE VARIAC, 3-PHASE INDUCTION MOTOR, DUAL&TRIPLE POWER ETC.
29	ELECTRICAL AND ELECTRONICS ENGINEERING	ELECTRICAL MACHINE-I LAB	3- Φ INDUCTION MOTOR, 3- Φ SYNCHRONOUS MOTORS, DC MOTOR, DC GENERATOR, ALTERNATOR, DC RECTIFIER, ETC.
30	ELECTRICAL AND ELECTRONICS ENGINEERING	ELECTRICAL MACHINE-II LAB	INDUCTION MOTOR, DC COMPOUND MOTOR, DSO 50 MHZ
31	ELECTRICAL AND ELECTRONICS ENGINEERING	EMMI LAB	WEIN'S BRIDGE WITH HEADPHONE, MAXWELL BRIDGE, ANDERSON BRIDGE, SCHERING BRIDGE, HAY'S BRIDGE, ETC.
32	ELECTRICAL AND ELECTRONICS ENGINEERING	EN PROJECT LAB	DSO, TRANSFORMER WINDING MACHINE, LCR METER
33	ELECTRICAL AND ELECTRONICS ENGINEERING	M.TECH MICROPROCESSOR & MICROCONTROLLER LAB	DSP KIT WITH PC, 8051 MICROCONTROLLER, PIC MICROCONTROLLER , TMS 3206748 KIT, ADS 8371 KIT

34	ELECTRICAL AND ELECTRONICS ENGINEERING	MICROPROCESSOR & MICROCONTROLLER LAB	8086 AD-LCD KIT,8085 AD LCD KIT, EXPENSION BOARD, DC POWER SUPPLY, STEPPER MOTOR, DSP STARTER, ETC.
35	ELECTRICAL AND ELECTRONICS ENGINEERING	NETWORK ANALYSIS & SYNTHESIS	TRANSIENT RESPONSE OF R.C CIRCUIT & R.L.C CIRCUIT KIT, FREQUENCY RESPONSE OF R.L.C CIRCUIT KIT, ETC.
36	ELECTRICAL AND ELECTRONICS ENGINEERING	PLC & AUTOMATION LAB	HP DESKTOP COMPUTER, P S CADX4,
37	ELECTRICAL AND ELECTRONICS ENGINEERING	POWER CONVERTER LAB	INDUSTRIAL ELECTRONIC TRAINER,INDUSTRIAL / POWER ELECTRONICS KIT, SPEED CONTROL OF DC MOTOR ETC.
38	ELECTRICAL AND ELECTRONICS ENGINEERING	POWER ELECTRONICS LAB	INDUSTRIAL ELECTRONIC TRAINER,INDUSTRIAL / POWER ELECTRONICS KIT, SPEED CONTROL OF DC MOTOR ETC.
39	ELECTRICAL AND ELECTRONICS ENGINEERING	POWER SYSTEM-I LAB	HP DESKTOP COMPUTER, DIGSILENT POWER FACTORY
40	ELECTRICAL AND ELECTRONICS ENGINEERING	POWER SYSTEM-II LAB	OIL TESTING SET,RHEOSTATE, 1-PHASE AUTOTRANFORMER, RELAY(ELECTROMECHANICAL, STATIC, NUMERIC) ETC.
41	ELECTRICAL AND ELECTRONICS ENGINEERING	SIMULATION AND CAD LAB	COMPUTER SYSTEM, MATLAB/ SIMULINK.
42	ELECTRICAL AND	WORKSHOP	ROCKWELL SERIES-160, 3- PHASE 415V 1-HP AC DRIVE,ROCKWELL
	ELECTRONICS ENGINEERING		SERIES-161, 1-PHASE 230V 2-HP AC DRIVE,ETC
43	ELECTRONICS & COMMUNICATION ENGG	ANALOG CIRCUITS LAB	DSO, CROS,FUNCTION GENERATORS, PULSE GENERATORS,AMMETERS,VOLTME TERS, POWER SUPPLY –TRIPLE AND MULTIP
44	ELECTRONICS & COMMUNICATION ENGG	BASIC ELECTRONICS ENGG. & PCB DESIGN LAB	ORCAD PSPICE & PCB BUNDLE, PCB PROTOTYPE & ANTENNA FABRICATION MACHINE, SPRINT PCB SOFTWARE, COMPUTE
45	ELECTRONICS & COMMUNICATION ENGG	CAD OF ELECTRONICS LAB	ORCAD PSPICE & PCB, XILINX SOFTWARE, SPARTAN FPGA KIT, COMPUTERS AND OTHER S/W LIKE TANNER, CADENCE
46	ELECTRONICS & COMMUNICATION ENGG	COMMUNICATION ENGG. LAB	VISSIM/ COMM. 8.0 SUITE SOFT., CROS, DSO, MODULATION & DEMODULATION, CODING-DECODING KITS, ETC.

47	ELECTRONICS & COMMUNICATION ENGG	CONTROL SYSTEM LAB	MATLAB SOFTWARE, COMPUTERS.
48	ELECTRONICS & COMMUNICATION ENGG	DIGITAL COMMUNICATION LAB	VISSIM/COMM. 8.0 SUITE SOFTWARE,CROS, DSOS,MODULATION & DEMODULATION KITS, SPECTRUM ANALYSER,ETC.
49	ELECTRONICS & COMMUNICATION ENGG	DIGITAL SIGNAL PROCESSING (DSP) LAB	MATLAB SOFTWARE, COMPUTERS, DSP TRAINER KITS, MULTIPLE POWER SUPPLY KITS ALONG WITH HEAD SETS ETC.
50	ELECTRONICS & COMMUNICATION ENGG	DIGITAL SYSTEM DESIGN LAB	POWER SUPPLY, FUNC. GENERATOR, OSCILLOSCOPES, DIGITAL TRAINER KIT, DMM, 8085 MICROPROCESSOR KIT,ETC.
51	ELECTRONICS & COMMUNICATION ENGG	ECE PROJECT LAB	PCB PROTOTYPE,ORCAD PSPICE & PCB BUNDLE, CROS, FUNCTION GENERATORS,MULTI METERS ,DSO,LCRQ METER, ETC
52	ELECTRONICS & COMMUNICATION ENGG	ELECTRONIC DEVICES LAB	DSO,CROS, FUNCTION GENERATORS, PULSE GENERATORS,AMMETERS,VOLTM, TRIPLE AND MULTIPLE POWER SUPPLY,ETC.
53	ELECTRONICS & COMMUNICATION ENGG	INTEGRATED CIRCUITS LAB	TI-ANALOG SYSTEM ALSK PRO KITS, TRAINER BOARDS, IC TESTER, CROS, FG,DSO,POWER SUPPLY, ETC.
54	ELECTRONICS & COMMUNICATION ENGG	M.TECH. ECE SIMULATION AND RESEARCH LAB-I	VISUAL TCAD, SYMICA & CADENCE VLSI TOOLS,ORCAD PSPICE, VIVADO, COMPUTERS AND OTHER VLSI SOFTWARES.
55	ELECTRONICS & COMMUNICATION ENGG	M.TECH. ECE LAB	DSO,CRO, FG,SPECTRUM ANAL WORKING BOARD AND KITS, MICROPROCESSORS AND MICROCONTROLLER KITS, COMPUTER
56	ELECTRONICS & COMMUNICATION ENGG	M.TECH. ECE SIMULATION AND RESEARCH LAB-II	NETSIM SOFT., OPTISYSTEM SOFT., MATLAB SOFT, HFSS SOFTWARE FOR RF & ANTENNA DESIGN,COMPUTERS, ETC.
57	ELECTRONICS & COMMUNICATION ENGG	MICROPROCESSORS & MICROCONTROLLERS LAB	POWER SUPPLY, FG, CROS, DIGITAL TRAINER KITS, DMM, MICROPROCESSOR & MICROCONTROLLER KITS, ETC.
58	ELECTRONICS & COMMUNICATION ENGG	MICROWAVE ENGG. LAB	HFSS ANTENNA TOOL, COMPUTERS, ANTENNA RELATED KITS & SETUP WITH MIC COMPONENTS,RADIATION PATTERN ETC.
59	ELECTRONICS & COMMUNICATION ENGG	SIGNALS SYSTEMS LAB	MATLAB SOFTWARE, COMPUTERS, DSP TRAINER KITS, MULTIPLE POWER SUPPLY KITS ALONG WITH HEAD SETS ETC.

60	FIRST YEAR/OTHER	ENGG. CHEMISTRY LAB	HEATING MENTAL,HEATING OVEN, DISTILATION ASSEMBLY,DIGITAL SPECTROPHOTOMETER,DIGITAL PH METER, ETC.
61	FIRST YEAR/OTHER	ENGG. PHYSICS LAB	NETWON RING SETUP, SPECTROMETER, NODAL SLIDE SETUP, POLARIMETER, CAREY FOSTER SETUP ETC.
62	FIRST YEAR/OTHER	ENGLISH LANGUAGE LAB-1	37 COMPUTERS.
63	FIRST YEAR/OTHER	ENGLISH LANGUAGE LAB-2	36 COMPUTERS
64	INFORMATION TECHNOLOGY	ADVANCE PROGRAMMING/O S LAB/ IT LAB 7 PART-2	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01
65	INFORMATION TECHNOLOGY	COMPUTER CENTER	34 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01
66	INFORMATION TECHNOLOGY	COMPUTER NETWORK LAB/ADVANCE IT LAB 2- PART-1	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01, ACCESS POINT-01
67	INFORMATION TECHNOLOGY	DAA LAB/ADVANCE IT LAB 2- PART-1	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01, ACCESS POINT-01
68	INFORMATION TECHNOLOGY	DATA ANALYSIS LAB/ IT LAB 6 PART-2	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01
69	INFORMATION TECHNOLOGY	DATA STRUCTURE LAB/ IT LAB 6 PART-1	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01
70	INFORMATION TECHNOLOGY	DBMS LAB/ADVANCE LAB	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01, ACCESS POINT-01
71	INFORMATION TECHNOLOGY	DBMS LAB/ADVANCE IT LAB 1- PART-1	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01, ACCESS POINT-01
72	INFORMATION TECHNOLOGY	DISCRETE STRUCTURE LAB & OPERATING SYSTEM LABDISCRETE STRUCTURE LAB/ IT LAB 7 PART-1	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01
73	INFORMATION TECHNOLOGY	MICROPROCESSOR LAB/WT LAB PART-2	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01, ACCESS POINT-01

74	INFORMATION TECHNOLOGY	MINI PROJECT LAB/ PROJECT LAB PART-1	34 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01
75	INFORMATION TECHNOLOGY	PPS LAB/BASIC IT LAB	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01
76	INFORMATION TECHNOLOGY	SOFTWARE ENGINEERING LAB/ADVANCE IT LAB 1- PART-2	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01, ACCESS POINT-01
77	INFORMATION TECHNOLOGY	SOFTWARE ENGINEERING LAB/ADVANCE LAB	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01, ACCESS POINT-01
78	INFORMATION TECHNOLOGY	WEB DESIGNING LAB/WT LAB PART-2	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01, ACCESS POINT-01
79	INFORMATION TECHNOLOGY	WEB TECHNOLOGY LAB /WT LAB	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01, ACCESS POINT-01
80	INFORMATION TECHNOLOGY	WEB TECHNOLOGY LAB /WT LAB PART-1	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01, ACCESS POINT-01
81	MASTER OF COMPUTER APPLICATIONS	C LANGUAGE / CO LAB	30 COMPUTER, PRINTER
82	MASTER OF COMPUTER APPLICATIONS	DATA STRUCTURE LAB / OOPS LAB	37 COMPUTERS, LASER PRINTER , IP CAMERA
83	MASTER OF COMPUTER APPLICATIONS	MCA-COMPUTER CENTER	30 COMPUTER, PRINTER
84	MASTER OF COMPUTER APPLICATIONS	R & D LAB / PROJECT LAB	33 COMPUTERS, LASER PRINTER , IP CAMERA, PROJECTOR
85	MECHANICAL ENGINEERING	ADDITIONAL WORKSHOP	LATHE MACHINE,DRILLING MACHINE,POWER HACKSAW,FOUNDRY EQUIPMENT, CARPENTRY EQUIPMENT,SMITHY ETC.
86	MECHANICAL ENGINEERING	ADVANCE MANUFACTURING CENTRE	MCV- 400, SPARK-E,CNC TURNING MACH. LT-16,CYLINDRICAL GRINDING M/C,CNC SIMULATOR,3D SCANNAR,WEI MACH
87	MECHANICAL ENGINEERING	ADVANCE WELDING TECHNOLOGY AND RESEARCH CENTRE	INVERTER BASED GAS TUNGSTEN ARC WELDING SYS,BEVEL CUTTER,LIQUID PENETRANT TESTING EQUIPMENT,PUG MACH

88	MECHANICAL ENGINEERING	AUTOMOTIVE CENTRE OF EXCELLENCE	INDEPENDENT MODULES FOR ALL THE SYSTEMS, HYDRAULIC BRAKE WORKMODULE, BREAK FLUID, AC MODULE, ALTERNATOR
89	MECHANICAL ENGINEERING	ENGG. GRAPHICS LAB	TABLE, DRAFTER
90	MECHANICAL ENGINEERING	FAB LAB	3D PRINTERS, MTAB ROBOT, MAKERBOT Z REPLICATOR(2), SNAPMAKER 3 IN 1 A-150, INFRARED IC HEATER
91	MECHANICAL ENGINEERING	FLUID MECHANICS LAB	VENTURI METER AND ORIFICE METER, APPARATUS FOR LAMINAR FLOW AND TURBULENT FLOW, APPARATUS FOR ETC.
92	MECHANICAL ENGINEERING	HEAT AND MASS TRANSFER LAB	POOL BOILING APPRATUS, PARALLEL AND COUNTER-FLOW HEAT EXCHANGE, HEAT TRANSFER THROUGH IN FORCED ETC.
93	MECHANICAL ENGINEERING	INDUSTRIAL ROBOTIC TRAINING CENTRE	KUKA KR-16, 10, 6, 3 ROBOTS, SCHUNK GRIPPING SYS, ULTRASONIC POWER SOURCE, DIAL GAUGE TOOLS ETC
94	MECHANICAL ENGINEERING	MACHINE DESIGN LAB	DESIGN WORK STATIONS, DESIGN DATA BOOKS AND HAND BOOKS, C LANGUAGE SOFTWARE - (SAME AS CAD/CAM LAB)
95	MECHANICAL ENGINEERING	MATERIAL SCIENCE & TESTING LAB	UNIVERSAL TESTING MACHINE (UTM), TORSION TESTING MACHINE, METALLURGICAL MICROSCOPE WITH DIGITAL ETC.
96	MECHANICAL ENGINEERING	ME CAD LAB	PRO-E SERVER, PRO-E SOFTWARE, UPS & ACCESSORIES, C LANGUAGE SOFTWARE, ANSYS SOFTWARE, PCS(32)
97	MECHANICAL ENGINEERING	MEASUREMENT AND METROLOGY LAB	VERNIER CALIPER, MICROMETER, DIAL GAUGE, FEELER GAUGE, SINE BAR, SLIP GAUGE SET, SPEEDOMETER, ETC.
98	MECHANICAL ENGINEERING	PRODUCT LIFECYCLE MANAGEMENT CENTRE OF EXCELLENCE	30 DELL PC SYSTEM; 1 PROJECTOR

99	MECHANICAL ENGINEERING	REFRIGERATION & AIR CONDITIONING LAB	VAPOUR COMPRESSOR REFRIGERATION SYSTEM, WINDOW TYPE AIR CONDITIONING SYSTEM, HERMITICALLY SEALED,ETC
100	MECHANICAL ENGINEERING	THEORY OF MACHINES LAB	GYROSCOPE, LONGITUDINAL VIBRATION, TRANSVERSE VIBRATION, SLIDER CRANK MECHANISM, WHIRLING OF SHAFTETC
101	MECHANICAL ENGINEERING	THERMODYNAMICS LAB	MODELS OF TWO-STROKE AND FOUR-STROKE ENGINES, FIRE TUBE BOILER, WATER TUBE BOILER, STEAM ENGINE, ETC.
102	MECHANICAL ENGINEERING	WORKSHOP-I	LATHE MACHINE, DRILLING MACHINE, POWER HACKSAW, FOUNDRY EQUIPMENT, CARPENTRY EQUIPMENT, SMITHY ETC.
103	MECHANICAL ENGINEERING	WORKSHOP-II	LATHE MACHINE, DRILLING MACHINE, POWER HACKSAW, FOUNDRY EQUIPMENT, CARPENTRY EQUIPMENT, SMITHY ETC.

➤ **List of Experimental Setup in each Laboratory/Workshop**

All experiments are conducted as per the syllabus prescribed by RTMNU University.

• **Computing Facilities**

➤ **Internet Bandwidth**

300 Mbps

➤ **Number and configuration of System**

Total 500 computer systems (i7- 107, i5-570, i3-681, Dell Xeon-33,C2D-226)

➤ **Total number of system connected by LAN/WAN**

500

➤ **Special purpose facilities available (Conduct of online Meetings / Webinars/ Workshops, etc.)**

Dedicated Video Conferencing Systems Along with Cameras, Audio Systems in both Seminar Rooms for Webinar and Workshops. Portable Video Conferencing System Available For Online Meetings.

• **Facilities for conduct of classes/courses in online mode (Theory & Practical)**

All classrooms equipped with Smartclass Systems along with Audio Systems, Mic. and Internet for conducting online classes. Orell Language Lab Software for Theory/Practicals in Language Lab through Online Mode.

➤ **Innovation Cell**

SOFTWARE INCUBATOR is the research and development center established within the portal of NIETM. We have set a foothold in the areas of software development, web-based enterprise solutions, mobile development, web application and website development. We focus on high integrity and commitment, quality and rigor at every stage of work, passion for excellence and focus on customer satisfaction. We are an equal opportunity organization that motivates every member to work with passion and commitment.

SI is equipped with the state-of-the-art infrastructure & hardware/software tools. This provides a highly conducive & stimulating environment for the young brains to explore & come out with innovative solutions using emerging technologies. The Centre conducts training programmes on the latest software technologies which is instrumental in keeping our students technologically ahead of others. The team members of SDC-SI have delivered many automated systems to Industrial clients as well as to NIETM which have automated their work processes.

Institution-Industry Cell Details

S.No	Name of the Committee Member	Profession	Associated with	Mobile Number	e-mail address
1	Dr. Hemant Ahuja	Director	AKGEC	9899008275	director@akgec.ac.in
2	Dr. Rakesh Srivastava	Head, Civil Dept	AKGEC	9415143567	srivastavar@akgec.ac.in
3	Prof. Rahul Sharma	Head, IT Deptt.	AKGEC	9716718467	sharmarahul@akgec.ac.in
4	Mr. Manoj Yadav	General Manager	KUKA India	9899767857	manoj@kuka.in
5	Mr. R.K.Mahajan	CEO	Micromatic Grinding Technologies	9871090035	rkmahajan@micromaticgrinding.com
6	Prof. Ashiv Shah	Professor	AKGEC	9891984680	ashivshah@akgec.ac.in

➤ Social Media Cell

College has Facebook, Twitter, Instagram, LinkedIn etc. account. Information related to various events are posted on social media regularly.

➤ Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDM Institutions and University Departments

Not Applicable

➤ List of facilities available

• Games and Sports Facilities

The college has always created a niche for itself in the field of sports. The college has since long times, been participating in various inter institution, state level tournaments. In sports, our college provides facilities for both indoor and outdoor games to the students.

Outdoor Games: A spacious play ground is available for outdoor games like Cricket, Football, Volleyball, Basketball, Badminton etc.

Indoor Games: Facilities for the indoor games like Badminton, Table Tennis, Chess, Carrom etc, are provided to students in the college campus.

A large number of sports activities are organized in the college aiding the students to display their talent in sports activities. One of the major sports event is the “Ajay Kumar Garg Memorial Table Tennis Tournament”. It is a state level tournament organized by Ghaziabad District Table Tennis Association on annual basis at College. Participations in this tournament are all the way from Delhi, Haryana, Punjab and Uttar Pradesh being the major contributor.

- **Extra-Curricular Activities**

The institution is committed to attract students for participating in various extracurricular activities by ensuring consistent encouragement and motivation. The necessary facilities are provided and adequate funds are allotted. The sports and cultural committees supervise the extracurricular activities. The students who participate in the sports activities or other extracurricular activities are provided with extra classes so that the time they have given in for the various activities can be compensated for.

- **Soft Skill Development Facilities**

Academic excellence alone is not enough and cannot guarantee a good career. Certain personality attributes and soft skills are essential not only to get a good job placement but also to be able to contribute and grow in an organization. Taking cognizance of this, the college emphasises all round development through a range of extracurricular activities as well as organizing and conducting formal Personality Development Program.

This programme spanning over 100 hours is conducted by a professional agency and includes training in communication skills, group discussion, interpersonal skills and interviews. This is a mandatory programme for second year B.Tech. students of the college. This programme helps in the overall personality development of students. The whole exercise is intended to increase the employability of students. Amidst an inspiring and invigorating environment, students undergo training that turns them into top notch professionals.

- **Teaching Learning Process**

- **Curricula and syllabus for each of the Programmes as approved by the University**

Curriculum is available at website <https://nietm.in/>

(<https://nagpuruniversity.ac.in/index.php/Contentpage/index/RWZ3MW8raGFWdjVRWVE9PQ%3D%3D/en>)

· **Academic Calendar of the University**

- **Academic Time Table with the name of the Faculty members handling the Course**

The classes, labs, seminars and project work, as specified in the evaluation scheme and syllabus published by the University on its website (www.aktu.ac.in), are conducted in accordance with the time table issued by each department.

- **Teaching Load of each Faculty**

Teaching load of faculty is distributed as per AICTE norms.

- **Internal Continuous Evaluation System and place**

Ajay Kumar Garg Engineering College is affiliated to RTMNU University, Nagpur. AKGEC follows the internal examination pattern matching with the university exam pattern. Guidelines of RTMNU are followed strictly in the evaluation process. There are three Internal tests conducted, namely: Sessional Test 1 (25 Marks), Sessional Test 2 (50 Marks) and Pre-University Test (100 Marks). The schedules of internal exams are communicated to students and faculty through the academic calendar of the institute at the beginning of each semester. The college academic calendar is prepared in coherence with the university academic calendar.

To implement the continuous internal evaluation in a smooth and efficient manner the exam cell of the college has framed guidelines for conducting the internal evaluation. The tasks done by the college exam cell are as follows: scheduling of internal examination, seating arrangements, assigning hall invigilators, collection of answer books and distribution of answer books to the subject teaching faculty.

Process of internal evaluation:

1. Question paper is prepared for the internal examination as per Bloom's taxonomy.
2. Scrutiny of the prepared question paper is carried out by HoD/ Subject expert to ensure quality of the question paper.
3. Monitoring the attendance of the students for the examination is done.
4. Evaluation of answer books is carried out within the stipulated time.
5. Distributing evaluated answer books to the students for clarifications of doubts.
6. Uploading of finalized marks on college portal.
7. Conducting meetings to review the results by preparing the results analysis.
8. Remedial actions and measures for further improvements are arrived after discussion between faculty and the HoD.

9. The evaluation for practical courses is done by conducting two major viva sessions in addition to the experiment specific questioning done at the time of checking of practical record. Additionally, the hands-on knowledge of the students is also checked in all lab sessions which forms a vital component of internal lab assessment.
10. The evaluation for project course is assessed by conducting periodical project reviews covering key parameters like problem formulations, understanding of the project, presentation skills, communication of ideas, technical knowledge, team work and project management.

Performance of the students in internal assessments is used as reference by the faculties to identify slow and quick learners in their respective subjects. Slow Learners are encouraged to improve their performance in future by proper counselling. Good students are motivated to participate in various technical events to further strengthen their knowledge.

➤ **Student's assessment of Faculty, System in place**

Student feedback on Faculty about the teaching learning is taken from all the students at the end of the semester for all theory and practical subjects. Feedback is taken in online mode which allows the students to login from their college provided G-suite email ids only. The complete process is organized and monitored centrally by the exam cell of the college.

The various parameters on which teaching is assessed are: Communication Skills, Quality of Teaching, Subject Knowledge, Content and Method of Delivery, accessibility of faculty for clarification of doubts, quality of assignments, syllabus completion, maintaining the pace of teaching throughout the course duration etc. Faculty feedback is calculated subject wise and section wise. A combined report is generated by the feedback portal consisting of feedback of all faculty members from a particular department. Such department wise feedback summaries are sent to all HoDs and Director by the exam cell coordinator. Feedback scores of faculty are conveyed to them through respective HoDs. Faculty having feedback score of less than 4 (out of 5) is counselled by the HoD for future improvements.

16. Enrolment and placement details of students in the last 3years

Session	Approved Intake	Number of Students Admitted	Number of Students Placed
2023-24	63	15	6
2024-25	63	24	0
2025-26	63	27	0

17. List of Research Projects/ Consultancy Works

•Number of Projects carried out, funding agency, Grant received

Name of the research project/ endowment	Department of Principal Investigator	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/ non-Government)
Master Plan & Structural Design of Box Culvert bridge construction at NIETM, Satnavari.	Civil Engineering Department	2	3 Months	B. T. Bhimte Construction Company	Non-Government
Design and Implementation of three-phase 9-level inverter fed Induction motor for low harmonic values using phase-shifted pulse width modulation technique.	Electrical Engineering Department	2	6 Months	Anokhee Enterprises	Non-Government
System and method for transmitting electronic vouchers via short message.	Electrical Engineering Department	4.95	6 Months	Linkwell Telesystem Pvt Ltd	Non-Government
Method for Reducing Error in Weighing Devices	Mechanical Engineering Department	5.20	6 Months	OASYS Cybematics Pvt. Ltd.	Non-Government
Seismic performance assessment of cantilever retaining wall with varying height.	Civil Engineering Department	0.5	2 Months	Bansi Sonkusale Construction Company	Non-Government
Utilization of supercapacitor into to automobile battery replacement and charging supercapacitor by solar panel	Mechanical Engineering Department	2	6 Months	Shri Sai Corporation	Non-Government
Design & implementation of cyber security detecting and alerting System	Computer Science & Engineering Department	1	3 Months	welt Infoline	Non-Government

➤ **Publications (if any) out of research in last three years out of masters projects**

NA

➤ **Industry Linkage**

- NIETM places a strong emphasis on preparing students to excel in industry by fostering collaborations with leading companies across various sectors. These collaborations are instrumental in providing students with hands-on training in cutting-edge technologies and engaging them in industry-sponsored consultancy projects. Notably, AKGEC is distinguished as the sole engineering college in Uttar Pradesh approved by the Department of Science and Technology, Government of India, for establishing the Center of Relevance and Excellence (CORE) in Automation & Robotics.

- CORE represents a groundbreaking partnership between AKGEC, international industries, and key governmental bodies like the National Skill Development Corporation, Ministry of Skill Development and Entrepreneurship, and Government of India. It aims to drive research, consultancy, project development, and training in emerging technological domains such as Automation, Robotics, Manufacturing, Fabrication, and Automotive Technology.

- Under this initiative, fourteen Centers of Excellence (COEs) have been established, each equipped with state-of-the-art facilities for training, prototyping, testing, and measurement in Automation, Robotics, Manufacturing, and Automotive domains. These COEs boast advanced equipment such as CNC and Robotic Machining, Welding (both Manual and Robotic), Cutting (Thermal, Plasma, and Laser), Non-Destructive Testing, Metrology, Mechatronics, and 3D Printing, promoting modern manufacturing practices among students and industry professionals alike.

- Supported by esteemed industry partners including SIEMENS, BOSCH Rexroth, National Instruments, KUKA Robotics, Mitsubishi Electric, and others, these facilities are pivotal in bridging the gap between academia and industry by providing industry-relevant training, consultancy, and industrial services. Such partnerships not only enrich the learning experience for students but also address the growing demand for highly skilled manpower in the industry. This industry linkage not only enhances students' prospects but also ensures they are well-equipped to thrive in the dynamic world of modern manufacturing and technology.

- The other areas of industry interface/ interaction include:

- Industrial/Summer Training of students.
- Student projects sponsored by the industry.
- Introduction of extra teaching modules proposed by the industry in the college.
- Industrial visits
- Campus placements.

- For the summer training of all B.Tech. Students after III yr, and MCA students after the III Semester, the college has linkages with a large number of PSUs and Private sector industry in concerned disciplines. The exposure and association with the industry after the pre-final year provides the student with the requisite orientation for the specialized course and project work which are part of the final year curriculum. A number of students are involved in doing projects with the industry and the college encourages students to undertake industry relevant project work.

- With the varied needs of each type of industry, it will never be possible for any curriculum to meet the exact requirement of all industry. There will inevitably be a gap between the training imparted at any academic institution and the job requirements. This gap is filled by providing in-house training to the fresh entrants by the industry.

- An Incubator has been established during this year for developing software engineering skills among students. The incubator is totally managed by the students and they have already developed and hosted the new college website as well as helped the Accounts Department and Registrar's Office in developing / modifying the requisite software. The incubator has also developed website and softwares for RSG Indo German hospital, Ghaziabad Management Association and a Canadian School The cell is also running regular evening classes for imparting practical training on web development to the junior students.

Patent in the recent past years

S. No	Title of invention	Patent application Number	Date of filing	Date of Publication	Name of Inventor-First
1	Sustainable Recycling Technologies For Lithium, Nickel, And Cobalt In Electric Vehicle Battery Life-cycle Management	202421056762	25/07/2024	08/11/2024	Dr.M. K.Rahangdale
2	Developing A Business Strategy For Plastic Waste-based Fuel Production	202421059138	05/08/2024	08/11/2024	Dr. M. K. Rahangdale
3	Angular Variable Differential Transducer (AVDT)	202421031408	01/09/2023	22/12/2023	Mr.Charlie Fulzele
4	Design of Candle Stand	202321058883,	19/04/2024	17/05/2024	Mr.Charlie Fulzele
5	Draft Tube with Hexagonal Outlet	417797001	23/05/2024	Under Examination	Mr. Charlie Fulzele Mr. Shubham Ingole
6	Intelligent Solar Illumination system with AI Based Self Cleaning of Solar panel	408656001	24/02/2024	19/04/2024	Mr.Sachin Mate
7	Systematic Approach to improve bug life cycle using Agile Method Quality software	2022221028424	17/05/2022	03/06/2022	Mr.Atul Akotkar
8	AI enabled cyber secured stock market prediction system	6332562	12/12/2023	19/12/2023	Dr .Nitin Shrigiriwar
9	AI, Big Data, Cyber Security Based E-authentication System Using QR Code & OTP	202023100402	28/01/2023	09/02/2023	Prof. Atul Akotkar

Proud Partners: Major Projects Handled in the Recent Past

➤ **MoUs with Industry Partners**

1. KUKA Robotics India Pvt. Ltd.
2. NI Systems India Pvt. Ltd.
3. Janatics India Pvt. Ltd.
4. Bosch Rexroth India Ltd.
5. Siemens Industry Software
6. Mitsubishi Electric India Pvt. Ltd.
7. Schmalz India Pvt. Ltd.
8. Pepperl+Fuchs India Pvt. Ltd.
9. Fronius India Pvt. Ltd.
10. Carl Zeiss India Pvt. Ltd.
11. TÜV Rheinland
12. Messer Cutting Systems India Pvt. Ltd.
13. Siemens Ltd.
14. Stratasys India Pvt. Ltd.
15. Schunk Intec India Pvt. Ltd.
16. IPG Photonics
17. BOSCH Ltd.

➤ **Associate & Academic Partners**

- Windmüller & Hölscher
- Electropreneur Park
- Redcliffe Energy
- Ghaziabad Precision Products
- Micromatic Grinding Technologies
- Octagon Precision
- Rutag, IIT Delhi
- I-Hub Foundation (IHFC), IIT Delhi

- FIIT, IIT Delhi
- FANUC
- IMTMA
- Anderson Group
- Grind Master

- Steinbeis Academy for Advanced Technical Training & Entrepreneurship
- Uttarakhand Technical University, Dehradun
- Bharti Vidyapeeth University COE
- Bharti Vidyapeeth College of Engineering
- Global Institute of Technology, Jaipur
- Universidad Autonoma de Chile
- Venkateshwara University, Gajraula
- Chittagong University of Engineering & Technology
- Seth Jai Parkash Mukand Lal Institute of Engineering and Technology, Raduar
- Panipat Institute of Technology, Panipat
- FH West Coast University of Applied Sciences
- Siberian State Industrial University

18. LoA and subsequent EoA till the current Academic Year

LoA and subsequent EoA till the current academic year is uploaded on the following link:

<https://nietm.in/>

Accounted audited statement for the last three years

Audited Statement for financial year 2024-25 is attached as **Appendix “C”**

19. Best Practices adopted, if any

Since its inception in 2009, NIETM has been dedicated to ensuring quality by focusing our attention and directing all available resources. We strive to achieve academic excellence while promoting well-rounded development and instilling strong moral values and ethics among our students. Here are some of the key practices that define our college:

1. Professionally Managed Institution with Best in Class Infrastructure

The college is built on a foundation of five fundamental principles and ethical values viz. **transparency** in all operations, **uniformity** in actions devoid of discrimination or biases, **excellence** in every aspect of the institution, uncompromised **ethical conduct**, and a strong emphasis on **discipline**.

The college has excellent infrastructure with sprawling 40-acre campus featuring meticulously planned departmental complexes equipped with spacious laboratories, state-of-the-art classrooms, department libraries, and faculty cabins. The college excels in computing facilities, with a network of over 1600 computers connected through broadband for seamless Internet access. Three modern Computer Centres offer high-speed configurations with internet speeds of up to 300 Mbps. The institution houses more than 80 spacious classrooms, each equipped with projectors, sound systems, and smart boards. Cutting-edge laboratory equipment and software furnish the well-equipped laboratories and workshops. Four seminar halls and three conference halls facilitate various academic and research activities. The fully automated central library is stocked with over a hundred thousand books, national and international

journals (including e-journals), and multimedia resources. Extensive subscriptions to e-journals, journals, e-books, and more enrich the library's resources. In addition to the central library, the college has hostel libraries. A spacious playground caters to outdoor sports such as cricket, football, volleyball, and basketball, while indoor games like badminton, table tennis, chess, and carom are also available. The college ensures comfortable hostel accommodations for students, providing six campus hostels—three for boys and three for girls—each equipped with a gymnasium and both indoor and outdoor sports facilities.

Further, NIETM firmly believes in contributing to safeguard our environment. In keeping with the college philosophy of environmental sustenance, the college adopts a holistic eco-friendly approach across its campus infrastructure and activities. The buildings ensure maximum sunlight and ventilation. High and sustained focus is imparted on good level of cleanliness in all areas of the campus. The college maintains a polythene free campus where single use plastic including water bottles etc. are not encouraged. A network of 2 rain water harvesting wells connected to all terraces ensures channelization of rain water towards ground water level and recharge of ground water. NIETM has installed grid connected solar photovoltaic system on the available roof area of academic complexes and hostels. The college places high focus on plantation in all non-concrete areas of the campus to prevent a dusty environment. The college buildings are surrounded by large open areas with well-maintained lawns and plantations.

2. Consistent Focus on Academics

NIETM is renowned for its commitment to academic excellence. It stands as the sole engineering college in all of Nagpur Maharashtra to receive the International Academic Excellence Award for this year.

NIETM's unwavering commitment to academic excellence is manifested through a meticulously structured teaching, learning, and evaluation process. With a roster of highly qualified and dedicated faculty members, the institution remains steadfast in its pursuit of maintaining a high-value teaching-learning process. The institution effectively manages its diverse student body, catering to the needs of both weaker and brighter students. This is achieved through various initiatives such as the buddy program, mentorship program, extra classes for lateral entry students, specialized MCQ sessions, rewards for top performers in internal and external exams, and motivation to engage in departmental societies that foster activity-based learning. The student-faculty ratio (SFR) is notably favourable,

ensuring personalized attention. Interaction within the classroom and laboratory environments with faculty members plays a pivotal role in evaluating their progress. NIETM places great emphasis on closely monitoring students and intervening when necessary to support weaker students and encourage advanced learners.

Enriching Academic Engagement: NIETM organizes a range of activities to enrich students' academic experience. Extension lectures, national seminars, workshops, panel discussions, and open forum discussions are conducted across various departments. Guest faculty members are invited to share their knowledge, enhancing students' reservoir of wisdom. The use of Google Classroom enhances teaching effectiveness, promoting collaboration and eliminating paper-based processes. Faculty members create Google classes to distribute assignments, provide feedback, and streamline communication. The institution also facilitates interactions with alumni, broadening students' perspectives with the latest insights from their respective fields.

3. Nurturing Innovation and Entrepreneurship

Innovation and creativity are pivotal tools within students' skillsets. NIETM has established both an Idea Lab and an Intellectual Property Rights (IPR) Cell to foster, support, and accelerate small to medium-sized business ideas, innovations, entrepreneurship, and start-ups. The Idea Lab serves as a catalyst for the successful development of technology-based enterprises in critical sectors like manufacturing, Internet of Things, electronics, and energy. This lab provides an array of resources, expertise, facilities, and infrastructure, facilitating the growth of these entrepreneurial ventures. Over the past years, the Idea Lab has successfully incubated several start-ups within the college.

Furthermore, the institution has ingeniously transformed a shipping container into an air-conditioned mobile lab named the 'Innovation Garage.' This cutting-edge space is equipped with state-of-the-art facilities and equipment, including power tools, hand tools, electrical and pneumatic components, electronic parts, and workbenches. Students can leverage this environment, complete with a compressed air supply, to ideate and develop innovative projects.

The college proudly hosts a FAB Lab in collaboration with the Massachusetts Institute of Technology (MIT), USA. This initiative is part of a global network comprising nearly 2000 local labs across the world, fostering an ecosystem of innovation and fabrication.

NIETM has recently solidified its commitment to research and innovation through the signing of 14 Memoranda of Understanding (MoUs). These agreements aim to promote joint research, innovation, product development, consultancy, and competency enhancement through technical training in emerging technological domains.

This active engagement in joint projects underscores NIETM's commitment to advancing innovation, research, and collaboration in the field of technology and beyond.

4. Driving Research and Development Excellence

NIETM has embarked on a remarkable journey, achieving significant milestones in research and development. Joint research endeavours, peer-reviewed journal publications, research projects, patents, and industrial partnerships have experienced substantial growth due to the college's steadfast encouragement, faculty commitment, and student engagement.

At NIETM, the emphasis on Research and Development (R&D) transcends mere encouragement; it is actively cultivated across diverse domains of engineering, technology, science, and humanities. Fuelled by a dedicated team of research-oriented faculty, the college delves into cutting-edge areas like

renewable energy, data mining, machine learning, adaptive manufacturing, automation, IoT, and block chain.

NIETM's six departments further amplify this commitment through their individual biannual technical journals. These departmental publications cover a wide spectrum, catering to specific domains of expertise. The college's emphasis on R&D extends beyond publications. It includes support for faculty and student contributions through consultancy, research projects, patents, and awards. This active recognition reflects the college's commitment to fostering an environment of innovation. Ethical research is reinforced through a well-defined research policy. Additional policies incentivize faculty for publishing papers, attending conferences, managing intellectual property rights (IPR), and pursuing patents. Faculty members receive awards for their R&D accomplishments, including incentives for winning the best paper award.

This comprehensive approach underscores the institution's unwavering commitment to nurturing a culture of innovation and scholarly pursuits. By fostering cutting-edge research, promoting knowledge dissemination through journals, and acknowledging outstanding contributions, NIETM truly embodies a holistic approach to nurturing a vibrant research and development ecosystem.

5. Emphasis on Value based Education

NIETM's commitment to fostering personal transformation among faculty, staff, and students has earned it the distinction of being nominated as a Nodal Centre by RTMNU. Additionally, many faculty members have pursued advanced courses in Universal Human Values, exemplifying the institution's dedication to this crucial facet.

NIETM's efforts transcend traditional education, aiming to shape individuals who are not only knowledgeable in their chosen fields but also equipped with the values that lead to holistic well-being and harmonious coexistence. This enduring commitment to value education underscores the college's role in nurturing individuals who contribute positively to both their personal lives and society at large.

Appendix 'A'

OCCUPANCY CERTIFICATE / BUILDING LICENSE

Appendix 'B'

FIRE FIGHTING CERTIFICATE

Appendix 'C'

AUDITED STATEMENT FOR FINANCIAL YEAR 2023-24

AUDITED STATEMENT FOR FINANCIAL YEAR 2024-25

AUDITED STATEMENT FOR FINANCIAL YEAR 2025-26



THANK YOU