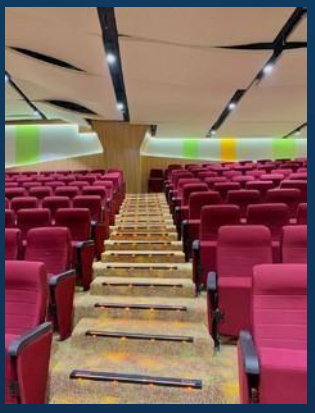
NICMAR UNIVERSITY

School of Engineering

M.Tech in Construction Technology and Management (CTM)
Programme Brochure 2027-2029






NICMAR University, Pune

NICMAR
UNIVERSITY

M.TECH IN CONSTRUCTION TECHNOLOGY AND MANAGEMENT (M. TECH-CTM)

Programme Brochure

(2027-29)

M.TECH. – CONSTRUCTION TECHNOLOGY AND MANAGEMENT

INTRODUCTION

School of Engineering, NICMAR University Pune has launched a two-year full-time on-campus new programme in Master of Technology (M. Tech.) in Construction Technology and Management (CTM) specialization that aligns well with the principles outlined in the National Education Policy (NEP) and National Higher Education Qualifications Framework (NHEQF). The program incorporates various components of the curriculum that facilitate comprehensive technical learning and skill development.

The philosophy behind the design of the M. Tech in Construction Technology and Management specialization at the School of Engineering is rooted in recognizing the multifaceted nature of the construction industry and the evolving needs of technical professionals within this sector. The program is designed with a holistic approach to not only equip professionals with a broad skill set for success in the construction field but also to cultivate advanced technical abilities, problem-solving skills, research acumen, and analytical thinking for addressing complex challenges in construction projects. In addition, it integrates technical expertise, management strategies, and humanities/life skills to prepare individuals for a successful career.

At its core, the program philosophy emphasizes the following principles:

Technical Abilities: Recognizing that success in the construction industry requires a diverse skill set, the program aims to equip students with well-rounded technical competencies. The programme delves deep into various construction techniques, construction methods, machinery utilization, geospatial practices, building information modelling, infrastructure and building design and execution. Through rigorous coursework and hands-on training, students develop a comprehensive understanding of advanced technologies and processes in construction, enabling them to tackle technical challenges effectively.

Problem-Solving Abilities through Practical Application and Experiential Learning: Problem-solving lies at the core of successful project management in construction. Students are trained to identify, analyze, and solve problems encountered in construction projects through a combination of theoretical learning and practical application. The program emphasizes hands-on learning experiences to complement theoretical knowledge. Laboratory sessions, field-based learning, internships, and projects are integral to gaining real-world experience and exposure to real projects in the construction industry. This approach ensures that graduates are well-versed in theory and capable of applying their knowledge effectively to the dynamics of real-life projects. These experiences enhance problem-solving skills and provide exposure to practical challenges faced in construction projects.

Multidisciplinary Perspective: Acknowledging the multidimensional nature of the construction industry, the program fosters a multidisciplinary approach. By integrating technical, management, and humanities/life skills courses, students develop a broader perspective considering construction's ethical, legal, and societal aspects. This interdisciplinary approach prepares graduates to address complex challenges and contribute effectively to the construction industry.

Industry-Relevant Curriculum: The curriculum is designed in alignment with construction industry standards and practices. By covering courses related to advanced construction techniques, the latest trends in construction materials, project management, estimations, contracts, project controls, geoinformatics, BIM, transportation infrastructures and legal issues, etc., the program ensures that graduates are equipped with the skills and knowledge needed to navigate the complexities of construction projects and meet industry demands.

Analytical Mind Development for Development of Technical Solutions to Onsite Project Issues: Analytical thinking is essential for effective decision-making in construction projects. The programme fosters the development of analytical skills through coursework in data analysis, quantitative methods, and risk assessment. Students learn to analyze complex data sets, develop designs, evaluate project risks, and make decisions to optimize project outcomes. The programme emphasizes practical problem-solving by challenging students to develop innovative technical solutions to on-site project issues. This hands-on approach fosters creativity, adaptability, and resilience in students as they navigate the complexities of on-site project execution.

Research Abilities through Research Project: As a part of the curriculum, students undertake individually, a six-month research project focussed on a live construction project. This immersive

research experience allows students to apply theoretical knowledge to real world scenarios, conduct in-depth analysis and propose innovative solutions to practical challenges encountered on-site. Through this research endeavour, students develop critical research skills, gain practical insights and contribute valuable findings and research papers to the construction industry.

Continuous Adaptation, Innovation and Entrepreneurship: Recognizing that the construction industry is dynamic and constantly evolving, the program is designed to be adaptable and responsive to changes in technology, regulations, and industry trends, fostering an entrepreneurial mindset among students. Through ongoing curriculum updates and engagement with industry stakeholders, the program ensures that graduates not only stay abreast of the latest developments but also actively seek out opportunities for innovation and entrepreneurship. The programme introduces new construction materials, sustainable practices, and digital technologies for project design, execution, and management and equips the students with the skills and mindset to identify opportunities, take calculated risks and develop innovative ideas into successful ventures. This entrepreneurial approach not only benefits individual graduates but also contributes to the overall growth and competitiveness of the construction sector.

Internships/Community Engagement and Service: Internships and community engagement initiatives provide students with opportunities to apply classroom learning in real-world settings. Through internships with construction companies or relevant organizations, students gain practical experience, network with industry professionals, and understand industry standards and practices. Community engagement and service projects foster social responsibility and ethical considerations in construction practices.

By incorporating these components into the curriculum, the Construction Technology and Management specialization ensures that graduates are well-prepared to meet the demands of the construction industry and contribute effectively to its dynamic and evolving landscape. Furthermore, aligning with NEP, NHEQF emphasizes the program's commitment to providing a holistic education that prepares individuals for professional success and societal responsibility.

Overall, the philosophy behind the programme's design emphasizes the importance of providing a comprehensive education that prepares individuals not only for technical proficiency but also for leadership, innovation, and ethical decision-making in the construction industry. By adhering to these principles, the School of Engineering aims to produce well-equipped graduates to make meaningful contributions to the field of construction technology and management.

SCHOOL OF ENGINEERING VISION

To emerge as a globally recognized school for promoting innovation and sustainability, equipping students with the knowledge and skills to tackle complex modern-day challenges and transforming them into holistic professionals and responsible citizens.

SCHOOL OF ENGINEERING MISSION

We at the School of Engineering are committed to achieving the vision by,

M1 Provide transformative education by blending academic excellence with hands-on experience

M2 Promote a culture of interdisciplinary research, Industry Interaction, sustainability, quality and ethical values.

M3 Aim to nurture creative thinking in entrepreneurial and intrapreneurial endeavors.

M4 Prepare industry-ready professionals by enhancing industry-institute interactions.

Program Educational Objectives (PEOs):

1. To develop an in-depth understanding of advanced construction trends and practices through technical courses, including design aspects, construction methods, techniques, equipment, and execution practices.
2. To develop proficiency in designing and executing construction projects effectively, including designing, planning, constructing, and maintaining infrastructure and building projects the project.
3. To develop a technical problem-solving ability to address complex challenges in construction projects, by analysing technical issues, devising innovative solutions, and implementing effective strategies to optimize project outcomes.
4. To develop a research-oriented ability to delve deep into industry-specific challenges, conduct empirical research, and propose innovative solutions to onsite construction issues.

5. To develop entrepreneurial skills through identifying gaps, and challenges, exploring emerging technologies, developing innovative solutions, and becoming agents of change to drive entrepreneurship within the construction industry.
6. To demonstrate a strong commitment to sustainable practices and ethical standards in construction project design and execution, considering environmental impacts, social responsibility, and regulatory compliance throughout the project lifecycle.

PROGRAMME OUTCOMES (POs)

PO1: Achieve a mastery of construction technology and management principles beyond the level expected in undergraduate programs, demonstrating a deep understanding of the specialization.

PO2: Critically evaluate project outcomes, identify areas for improvement, and implement corrective measures, leveraging mistakes as learning opportunities to enhance project performance.

PO3: Collaborate with interdisciplinary teams to integrate sustainable practices into construction projects, considering environmental impact, resource efficiency, and long-term viability in project planning and execution.

PO4: Independently conduct research and development work to address practical challenges prevalent in the construction industry, demonstrating proficiency in problem-solving.

PO5: Generate substantial technical reports and documents with clarity and precision, effectively communicating findings and recommendations.

PO6: Engage in lifelong learning to stay abreast of relevant knowledge and emerging technologies in construction, while upholding professional integrity, ethical conduct, and a sense of social responsibility for sustainable development.

PO7. Apply advanced construction techniques, materials, and technologies to develop innovative solutions for on-site project challenges, demonstrating proficiency in implementing technical solutions effectively.

PO8. Demonstrate the ability and sound knowledge of construction project management to accomplish a successful project.

ELIGIBILITY

- Bachelor's degree in Civil, Mechanical, Electrical, Electronics Engineering, or an equivalent degree in the relevant field.
- Candidates must have secured at least 50% marks (45% for candidates belonging to the reserved category) or an equivalent CGPA in the qualifying examination.

Final year eligible graduating students can also apply. However, such candidates must have completed (passed) their Graduation before the commencement of programme.

ADMISSION PROCEDURE

Selection of students is made by the selection committee. Those interested in admission to the programmes offered by the NICMAR University, Pune may apply online, pay fees and upload documents through our website. All specified documents must be submitted. Incomplete applications will not be considered.

Application Fee:

PG Programmes: ₹4,000/-

Candidates' preference of programme will be considered, but the allotment will be done at the sole discretion of the admission department, NICMAR University. Candidates should appear for the selection procedure on the given dates. The application fees are non-refundable.

Admission process will be conducted online and the detailed Information will be shared with the applicants.

SELECTION PROCEDURE FOR PG PROGRAMMES

Applications are scrutinised and eligibility is established on the basis of the documents submitted. Eligible candidates will be invited to appear for the selection procedure, i.e., Merit Assessment Score which comprises of Post Graduate NICMAR Common Admission Test (PG-NCAT), Personal Interview (PI) and Rating of Application (RA). PG-NCAT / any other entrance exam, Personal Interview and Rating of Application (RA) is mandatory for all aspirants applying to MBA and PGD programmes. In addition to PG-NCAT, valid equivalent scores of the aspirants appearing for CUET PG / MBA MH-CET / CAT / XAT / MAT / NMAT / GRE / GMAT will be considered for MBA & PGD programmes as an alternative to the PG-NCAT. For M.Plan and M.Tech programmes, valid GATE scores (in Architecture & Planning / Civil Engineering for M.Plan, and Civil Engineering for M.Tech) will be accepted as an alternative to the PG-NCAT.
Candidates who appear for both PG-NCAT and other entrance examinations mentioned above will have their best score considered, wherever applicable.

Details	Total Marks	Weightage
Post Graduate NICMAR Common Admission Test (PG-NCAT) a) Quantitative and Analytical Ability b) Data Interpretation c) Verbal Ability d) Current Affairs and General Knowledge	**150 marks** 60 marks 30 marks 40 marks 20 marks	**40%**
Personal Interview (PI) a) Domain / Technical Skills / General Aptitude b) Learning / Sector / Industry Orientation c) Teamwork / Managerial Aptitude d) Communication / Soft Skills	**50 marks**	**30%**
Rating of Application (RA) a)12th/Diploma b) UG Degree c) Work Experience/ PG programme d) Extracurricular & Diversity	**50 marks** 05 marks 35 marks 05 marks 05 marks	**30%**
Merit Assessment Score	**250 Marks**	**100%**

Selection of candidates is done based on merit. Eligible candidates shall be considered for programme allocation based on their Merit Assessment scores and the applicable Merit Assessment Score cut-offs approved by the admission committee.

RESERVED CATEGORY

Description of Caste/Tribe/Category/Class of Reserved Category	Percentage of Reservation
Scheduled Castes and Scheduled Castes Converts to Buddhism	13.0%
Scheduled Tribes	7.0%
De-notified Tribes (A)	3.0%
Nomadic Tribes (B)	2.5%
Nomadic Tribes (C)	3.5%
Nomadic Tribes (D)	2.0%
Other Backward Classes	19.0%
Total	**50.0%**

DOMICILE

Out of the total approved intake capacity, forty percent of the seats are reserved for the students having domiciled in the State of Maharashtra.

FEES AND PAYMENT SCHEDULE

The details of the total amount of fees payable with payment schedule for this programme are given below:

Sr No	Description	Tuition Fee ₹	Development Fee ₹	Programme Fee (Tuition Fee + Development Fee) ₹	Security Deposit (Refundable) ₹	Total ₹
1	1st Instalment (At the time of Admission)	₹ 228,300	₹ 34,200	₹ 262,500	₹ 10,000	₹ 272,500
2	2nd Instalment (Before 14 days of the commencement of Semester II)	₹ 228,300	₹ 34,200	₹ 262,500		₹ 262,500
3	3rd Instalment (Before 14 days of the commencement of Semester III)	₹ 228,300	₹ 34,200	₹ 262,500		₹ 262,500
4	4th Instalment (Before 14 days of the commencement of Semester IV)	₹ 228,300	₹ 34,200	₹ 262,500		₹ 262,500
Grand Total						**₹ 10,60,000**

Note: Hostel and mess charges are additional.

TUITION FEES AND OTHER CHARGES

The Programme Fee includes classroom teaching, programme-related workshops, examinations, evaluation, project work, assessments, library facilities and Students' Welfare Fund. Group Personal Accident Insurance and Group Mediclaim coverage are provided to all students, subject to the respective insurance policy terms and conditions.

A refundable **Security Deposit of ₹10,000/-** shall be payable at the time of admission and refunded upon completion of the programme, after adjustment of any outstanding dues.

FEE PAYMENT TERMS AND CONDITIONS

1. First Instalment (At the Time of Admission)

The first instalment of the Programme Fee and other applicable charges must be paid within the deadline specified in the Admission Offer Letter. Failure to do so may result in cancellation of admission.

2. Second and Subsequent Instalments

Subsequent instalments of the Programme Fee and other applicable dues must be paid as per the Fee Demand Notice issued by the University at least 45 days before commencement of the semester.

The Due Date for payment shall ordinarily be 14 days before commencement of the semester.

3. Late Payment Fine

Payments made after the Due Date during the Grace Period shall attract the following Late Payment Fine:

Period of Delay	Late Payment Fine
0–5 days	₹1,000/-
6–10 days	₹2,500/-
More than 11 days	₹5,000/-

The Grace Period extends from the day following the Due Date until the day before commencement of the semester.

4. Semester Registration

Semester Registration requires submission of an undertaking signed by the student and parent/guardian.

Registration is confirmed only upon payment of the prescribed fees.

Failure to complete Semester Registration within the Grace Period may result in a Semester Drop. The dropped semester shall count towards the maximum permissible programme duration. Hostel facilities shall not be provided during the dropped semester.

5. Scholarships and Financial Hardship

Students affected by changes in scholarship continuation or discontinuation status may be granted 30 days to clear the resulting outstanding dues.

Requests for relaxation on genuine financial hardship grounds shall be considered individually, subject to approval by the competent authority.

6. Clearance of Outstanding Dues

Non-payment of outstanding fees, penalties and other applicable dues may result in restrictions on academic and administrative services, including withholding of results, transcripts and degree certificates, as per University policy.

Note: All matters relating to Programme Fee, payment schedules, Semester Registration, Late Payment Fine and Outstanding Dues shall be governed by the approved policies and regulations of NICMAR University, Pune, as amended from time to time and communicated through official University channels.

The fee above includes the cost of course material, two 'NICMAR University T-Shirts' and one tie.

The NICMAR University reserves the right to revise any/all of the components of the above policy, including payment schedule and refund policy without any prior notice.

POLICY FOR CANCELLATION OF ADMISSION AND REFUND OF FEE

The NICMAR University, Pune has a policy of considering refund of the first instalment of tuition fee paid by the student at the time of acceptance of offer, against cancellation of admission. The University strictly follows UGC guidelines in respect of refund of fees. All request applications duly signed by the student must necessarily be received by the Admission Department, NICMAR University, Pune. All such requests in writing must be sent by hand/post/courier only. Any request for refund by e-mail/telephone/fax, etc. if not accompanied by a formal request in writing in the hard copy format within the time stipulated below will not be considered.

If a student chooses to withdraw from the programme of study in which he/she is enrolled, the University shall follow the following five-tier system for the refund of fees remitted by the student.

Sr No	Percentage of Refund of Fees	Point of time when notice of withdrawal of admission is received in the University	Deadline
1	100%	15 days or more before the formally-notified commencement of the academic session.	on or before 18.07.2027
2	90%	Less than 15 days before the formally-notified commencement of the academic session.	19.07.2027 to 01.08.2027
3	80%	15 days or less after the formally-notified commencement of the academic session.	02.08.2027 to 17.08.2027
4	50%	30 days or less, but more than 15 days, after the formally-notified commencement of the academic session.	18.08.2027 to 01.09.2027
5	0%	More than 30 days after the formally-notified commencement of the academic session.	02.09.2027 onwards

*The security deposit, which is not part of the fees chargeable, shall be refunded in full (after adjustment of dues, if any from the student).

Note: In case of (1) in the table above, Processing Charges of Rs.5,000/- will be deducted from the

refundable amount (as per refund policy of UGC).

Note: The refund policy will be strictly followed by NICMAR University, time to time as per UGC guidelines and updates.

HOSTEL AND LIVING EXPENSES

Hostel accommodation is available at NICMAR University, Pune. There is a separate hostel for girl students. All students must abide by the student handbook Code of Conduct issued by NICMAR University, Pune.

The hostel accommodation within the campus is allotted purely on the first paid, first served basis (on the basis of hostel & food fees received in the NICMAR University, Pune). However, taking into the account the limited number of rooms available in the campus hostels, students requiring accommodation, who could not be accommodated inside the campus hostels, will be assisted in search of appropriate accommodation in the vicinity of the campus, if requested by the students and subject to availability of such accommodation.

The campus has four hostels which altogether provide single occupancy rooms for boys and girls.
194 shared occupancy rooms for girl students. The details are as follows:

Sr. No	Hostel	Capacity	Type of Occupancy	Charges (₹ Per Month)	Annual Hostel Charges ₹	Annual Food Charges ₹	Annual Hostel and Food Charges ₹	Remark
1	Millennium Hostel	502	Single	₹7800/-	₹78000/-	₹114000/-	₹192000/-	For boys
2	Silver Jubilee Hostel	323	Single	₹7800/-	₹78000/-	₹114000/-	₹192000/-	For boys
3	Ultima Hostel	314	Single	₹7800/-	₹78000/-	₹114000/-	₹192000/-	For boys
4	Millennium Hostel	194	Shared (Double)	₹6500/-	₹65000/-	₹114000/-	₹179000/-	For girls only

- Note: There will be a **Refundable Caution Deposit** of **Rs.15000/-**
- **Single occupancy for girls (if available) - Rs. 7800/- per month.**

Food package charge is Rs. 400/- per head per day. The package includes breakfast with tea, buffet lunch, evening snacks with tea and buffet dinner.

The mess facilities are run by a Contractor hired by NICMAR University, Pune under the supervision of the Sr. Manager – Estate Administration. The Senior Manager according to the suggestions by the Students' Mess Co-ordinator prepares the menu on weekly basis.

Payment Schedule

Hostel and food fees are payable semester-wise within 7 days of the commencement of the semester. In case of delay, a fine of Rs. 75/- per day will be payable for the first 7 days, after which, the fine will be Rs. 125/- per day. The hostel and food fees once paid are non-transferable. Mess facility is mandatory for all students staying in NICMAR University, Pune.
Typically, the total living expenses including hostel & food fees expenses at Pune are approximately Rs. 18,000/- to Rs. 20,000/- per month.

Note 1: Hostel Accommodation and Food charges are inclusive of all taxes applicable.

Note 2: The charges mentioned above are indicative of the current academic year and are subject to change. The final applicable rates will be communicated to students during the admission process.

FINANCIAL ASSISTANCE

NICMAR University, Pune extends merit scholarships/concessions/fee waiver to students aspiring to

undertake full-time PG and UG Programmes. A student is eligible for only one award or scholarship or concession or fee waiver as applicable. These merit scholarships /concessions / fee waivers are designed to recognize and motivate high-performing students, providing financial support based on their academic performance, as well as any other achievements or results in National Level/State Level entrance exams, which includes the NICMAR University, Pune Common Admission Test (PG-NCAT & UG NCAT). Additionally, scholarships are available for students from Economically Weaker Sections (EWS) and for wards of defence personnel, in recognition of their unique circumstances and contributions.

The brief details of Merit Scholarship categories are provided below:

1. "Outstanding Performance Scholarships": Applicable for entire duration of the programme:

A. "100% Scholarship Under the Exemplary Merit Scholarship": Available to the 2% of Approved Intake Students (at least 1 student).

100% scholarship throughout the entire duration of the programme, exclusively accessible to the **2**% of students within the approved intake. *The availability of this benefit is contingent upon meeting the specified conditions outlined in the respective policy.*

B. "75% Scholarship Under the Distinguished Merit Scholarship": Available to the 3% of Approved Intake Students (at least 1 student).

75% scholarship throughout the entire duration of the programme, exclusively accessible to the **3**% of students within the approved intake. *The availability of this benefit is contingent upon meeting the specified conditions outlined in the respective policy.*

C. "25% Scholarship Under the Meritorious Grant": Available to the 5% of Approved Intake Students.

25% scholarship throughout the entire duration of the programme, exclusively accessible to the **5**% of students within the approved intake. *The availability of this benefit is contingent upon meeting the specified conditions outlined in the respective policy.*

D. "5% Scholarship Under the Commendable Assistance Grant": Available to the 30% of Approved Intake Students.

5% programme fee waiver throughout the entire duration of the programme, exclusively accessible to **30%** of students within the approved intake. *The availability of this benefit is contingent upon meeting the specified conditions outlined in the respective policy.*

2. "Economically Weaker Section* [EWS] Fee Waiver": Applicable for entire duration of the programme:

100% Fee Waiver: Available for up to 5 Students.

We are excited to introduce a merit-cum-means fee waiver opportunity for students with an annual family income of up to **Rs. 5 lakhs or less.** The waiver entails a full programme fee waiver for up to 5 students based on their outstanding performance in the admission process. To qualify for this fee waiver, candidates should have 80% & above in SSC & HSC for UG programmes; and 80% & above in SSC, HSC and 60% & above in Graduation for PG programmes.

50% Fee Waiver: Available to the 10% of Approved Intake Students.

50% fee waiver scholarships are awarded to **10%** of students within the approved intake falling within the **Economically Weaker Section (EWS),** encompassing individuals with an annual family gross income of up to **Rs. 8 lakhs or less**.
The availability of this benefit is contingent upon meeting the specified conditions outlined in the respective policy.

Eligibility will **also depend on **exceptional performance** as specified in the respective policy.*

3. "Rising Talent Scholarship": Applicable for entire duration of the programme

Up to Rs. 20,000/- (Per Year) Programme Fee Relief for the 10% of Approved Intake Students through Extra-curricular / Co-curricular Accomplishments.

A scholarship of up to Rs. 20,000 per year for the entire duration of the programme is exclusively accessible to 10% of students within the approved intake. *The availability of this benefit is contingent upon meeting the specified conditions outlined in the respective policy.*

4. Scholarships Offered by Sponsors:

(i). "International Education Foundation (IEF)* Scholarship" (for the students of minority community): Applicable for entire duration of the programme*. International Education Foundation is **offering programme fee for the shortlisted students**, for the entire duration of the full time Post Graduate Programmes. This scholarship is available for the students of minority community, admitted to NICMAR University, Pune for the full-time programmes. The details are as follows:

Scholarship is available for the students of minority community.

**Subject to approval and as per the scholarship & selection policy of IEF.*

(ii). "thyssenkrupp Uhde India Private Limited* Scholarship": Applicable for entire duration of the programme.

Scholarship for Special Category for SoEE Programmes**

Scholarship for a **female candidate** (Offering full programme fee).
Candidate must be from Economically Weaker Section.
Having an Engineering degree (only) at Undergraduate (UG) level

**Subject to approval and as per the scholarship & selection policy of thyssenkrupp Uhde India Private Limited.*

***As per thyssenkrupp Uhde India Private Limited policy.*

5. Concession for wards of Defence Personnel: Applicable for entire duration of the programme:

** Limited to 1% of the total intake.*

Wards of Defence and Para-military personnel, both currently serving and retired, are eligible for this concession.

The percentage of scholarship varies based on the rank of the personnel:

Non-Commissioned Officers (NCOs): 25% concession. Junior Commissioned Officers (JCOs): 15% concession. Senior Commissioned Officers (SCOs): 10% concession.

General Terms and Conditions

Students availing any form of scholarship, fee waiver, or concession must comply with the following requirements to maintain eligibility in the subsequent academic term or year. Failure to meet any of these conditions may result in disqualification from the granted benefit.

Scholarships, fee waivers, or concessions will not be offered to any student who postpones or seeks deferment to the University's full- time programmes for any reason whatsoever. Students with any scholarship, Fee waiver, or concession must comply with the following requirements for continuance of scholarship in subsequent academic term / year. A breach of any of these conditions will result in disqualification and forfeiture of the benefit, and the student will be required to pay the applicable fees for the next academic year. The scholarship will be restored in subsequent term / year, depending on the fulfilment of the conditions stated below:

i. The awardees' **attendance** in any course of study **shall not be less than 75%.**
ii. Awardees **should pass** the **academic term/ year** in the **first attempt**.
iii. The Awardee **must have minimum CGPA** as per below table:

Batch Size	Minimum CGPA			
	Exemplary Merit Scholarship	Distinguished Merit Scholarship	Meritorious Grant Scholarship Commendable Assistance Grant Scholarship	Rising Talent Scholarship Scholarship for wards of Defence Personnel
≥ 300	7.5	7.3	7.2	7
≥ 60 and < 300	8	7.8	7.6	7.2
< 60	8.5	8.3	8	7.5

iv. The awardees should have no adverse comments/grading on record from the disciplinary committee for any reason whatsoever.
v. **No gap/break/grace mark** in semester whatsoever during the entire programme is permissible*.
vi. The awardees shall maintain high standards of conduct and behaviour and conform to the discipline of the NICMAR University, Pune as laid down in the 'Code of Conduct' of the NICMAR University, Pune.
vii. In the event of admission cancellation, students are obligated to reimburse the entire fee waiver granted by the University up to the point of admission cancellation.

* Exceptional cases like serious medical conditions, family emergencies, or other unforeseen circumstances etc. may be considered with subject to approval of Vice Chancellor.

1. "Outstanding Performance Scholarships":

A. "100% Scholarship Under the Exemplary Merit Scholarship": Available to the 2% of Approved Intake Students (at least 1 student) - Applicable for entire duration of the programme

B. "75% Scholarship Under the Distinguished Merit Scholarship": Available to the 3% of Approved Intake Students (at least 1 student) - Applicable for entire duration of the programme

C. "25% Scholarship Under the Meritorious Grant": Available to the 5% of Approved Intake Students - Applicable for entire duration of the programme

D. "5% Scholarship Under the Commendable Assistance Grant": Available to the 30% of Approved Intake Students - Applicable for entire duration of the programme

The availability of this benefit is contingent upon meeting the specified conditions mentioned below.

- **Eligibility is determined by exceptional performance as per the details mentioned in the respective policy.**
- Aspirants need to undergo the admission process, which includes the NICMAR Common Admission Test (NCAT) or an equivalent score, and a Personal Interview (PI) or Counseling Session (for B.Arch.). Furthermore, they should qualify in the admission process according to the prescribed cut-off.
- Selected candidates for the Outstanding Performance Scholarships **will receive an offer letter** for admission **based on their scholarship eligibility.**
- **Exclusive Opportunity:** The scholarship is exclusively accessible to 2% (for A), 3% (for B), 5% (for C), 30% (for D) of students within the approved intake. This exclusivity enhances the prestige and value of the scholarship, making it a coveted opportunity and it cannot be clubbed with each other and/or any other scholarships declared.
- **Financial Pre-requisites for Eligibility:** To qualify for the Outstanding Performance Scholarships and have the programme fee waived, students meeting the criteria must submit the first installment of the programme fee as per the offer letter. This requirement ensures commitment from the student and facilitates the efficient processing of the scholarship.
- **First Come-First Served Basis (A, B, C & D):** The scholarship will be awarded on a First Come-First Served basis, emphasizing the importance of prompt action by eligible students. Early applicants have a higher likelihood of securing this valuable financial assistance. If scholarships remain unclaimed or seats fall vacant due to cancellations within a specific criterion, such vacant scholarship seats shall be re-allotted strictly on the basis of the chronological order of receipt of the 1st instalment of fees, subject to the fulfilment of the required eligibility criteria for the respective scholarships.

A. "100% Scholarship Under the Exemplary Merit Scholarship": Available to the 2% of Approved Intake Students (at least 1 student).

Programme Name	Maximum Eligible Students	Cutoff Score / Percentile for Respective Entrance Exam					
		CAT / XAT	MHT-CET	GMAT (FE)	NMAT	MAT	Merit Assessment Score
M.Tech in CTM	1	NA	NA	NA	NA	NA	≥185

Note: If the quota for candidates eligible for a 100% fee waiver has been reached, further eligible candidates will be considered for scholarships in the subsequent category due to limited availability of scholarship seats.

B. "75% Scholarship Under the Distinguished Merit": Available to the 3% of Approved Intake Students (at least 1 student).

Programme Name	Maximum Eligible Students	Cutoff Score / Percentile for Respective Entrance Exam					
		CAT / XAT	MHT-CET	GMAT (FE)	NMAT	MAT	Merit Assessment Score
M.Tech in CTM	2	NA	NA	NA	NA	NA	≥180

Note: If the quota for candidates eligible for a 75% fee waiver has been reached, further eligible candidates will be considered for scholarships in the subsequent category due to limited availability of scholarship seats.

C. "25% Scholarship Under the Meritorious Grant Scholarship": Available to the 5% of Approved Intake Students

Programme Name	Maximum Eligible Students	Cutoff Score / Percentile for Respective Entrance Exam					
		CAT / XAT	MHT-CET	GMAT (FE)	NMAT	MAT	Merit Assessment Score
M.Tech in CTM	3	NA	NA	NA	NA	NA	≥175

OR

Candidates having minimum 80 percent and above in Grade 10 and Grade 12 / Diploma are also eligible for "Meritorious Grant Scholarship"

Note: If the quota for candidates eligible for a 25% fee waiver has been reached, further eligible candidates will be considered for scholarships in the subsequent category due to limited availability of scholarship seats.

D. "5% Fee Waiver Under the Commendable Assistance Grant": Available to the 30% of Approved Intake Students

Programme Name	Maximum Eligible Students	Cutoff Score / Percentile for Respective Entrance Exam					
		CAT / XAT	MHT-CET	GMAT (FE)	NMAT	MAT	Merit Assessment Score
M.Tech in CTM	18	NA	NA	NA	NA	NA	≥170

OR

Candidates having minimum 75 percent and above in Grade 10, Grade 12 / Diploma and Graduation Degree are also eligible for "Commendable Assistance Grant".

*Students who qualify the GATE exam in Civil Engineering for the M.Tech. programmes will get scholarship benefit based upon their Ranking.

2. Economically Weaker Section [EWS] Fee Waiver: Applicable for entire duration of the programme:

100% Fee Waiver: Available for up to 5 Students.

We are excited to introduce a merit-cum-means fee waiver opportunity for students with an annual family income of up to **Rs. 5 lakhs or less** belonging to the **Economically Weaker Sections (EWS).** The scholarship entails a full programme fee waiver for up to 5 students based on their outstanding performance in the admission process. To qualify for this fee waiver, candidates should have 80% & above in SSC & HSC for UG programmes; and 80% & above in SSC, HSC and 60% & above in Graduation for PG programmes.

50% Fee Waiver: Available to the 10% of Approved Intake Students.

These scholarships are awarded to 10% of students within the approved intake who are Economically Weaker encompassing individuals with an annual family gross income of up to Rs. 8 lakhs or less. If there are more than 10% of students who belong to EWS category, then this concession will be given on the basis of their merit.

PG Programmes	Maximum Eligible Students
M.TECH. IN CTM	6

Aspirants need to undergo the admission process, which includes the NICMAR Common Admission Test (NCAT) or an equivalent score, and a Personal Interview (PI) or Counseling Session (for B.Arch.). Furthermore, they should qualify in the admission process according to the prescribed cut-off.

Eligibility Criteria:

- Students whose family has gross annual income below Rs. 8.00 lakh* (Rupees eight lakh only) are to be identified as EWSs for benefit of scholarship. Income shall also include income from all sources i.e., salary, wages, agriculture, business, profession, etc. for the financial year prior to first academic year.
- Also, student whose family owns or possesses any of the following assets shall be excluded from being identified as EWS, irrespective of the family income: -
    a. 5 Acres of Agricultural land and above,
    b. Residential flat of 1000 square feet and above,
    c. Residential plot of 100 square yards and above in notified Municipalities and
    d. Residential plot of 100 square yards and above in any other area.
- The property held by a “Family” in different locations or different places/cities would be clubbed while applying the land or property holding test to determine EWS status.
- The family for this purpose includes Self, Parents, Siblings below the age of 18 years, Spouse and children below 18 years.

Procedure for scrutiny of application:

- Income certificate issued by tehsil/collector will be collected.
- An affidavit will be taken from student applicants with respect to asset declaration. Additionally, asset verification will be done by a third-party agency.
- After scrutiny of documents, scholarship will be awarded on the basis of merit.

* Rs. 5.00 lakh for 100% fee waiver criteria.

3. “Rising Talent Scholarship”: Applicable for entire duration of the programme

Up to Rs. 20,000/- (Per Year) Programme Fee Relief for the 10% of Approved Intake Students through Extra-curricular / Co-curricular Accomplishments.

- The "Rising Talent Scholarship" is designed to provide fee relief of up to Rs. 20,000/- per year for the entire duration of the programme at NICMAR University, Pune.
- This scholarship is exclusively accessible to the 10% of students within the approved intake who demonstrate exceptional accomplishments in extracurricular / co-curricular activities.
- The primary objective of this policy is to acknowledge and incentivize students who actively engage

in and excel at extracurricular / co-curricular pursuits.

- The scholarship aims to contribute to a comprehensive and enriching educational experience by recognizing and rewarding exceptional accomplishments in extracurricular / co-curricular activities.

PG Programmes	Maximum Eligible Students
M.TECH IN CTM	6

Eligibility:

- Students who exhibit exceptional skills in extracurricular activities such as sports, fine arts, Performing Arts, Literary Competitions, Quizzes, Hackathons, or likewise are eligible to apply for these scholarships.
- Aspirants need to undergo the admission process, which includes the NICMAR Common Admission Test (NCAT) or an equivalent score, and a Personal Interview (PI) or Counseling Session (for B.Arch.). Furthermore, they should qualify in the admission process according to the prescribed cut-off.

Details of Extracurricular / Co-curricular Activities:

- Extracurricular / Co-curricular activities are often referred to as after-school activities that students participate in outside their regular academic curriculum. These include sports, fine arts, Performing Arts, Literary Competitions, Quizzes, Hackathons, and other pursuits that allow students to explore their interests and develop new skills.
- Engaging in such activities provides students with opportunities to enhance their social, physical, creative, and leadership abilities. Additionally, these endeavours hold substantial importance in college admissions, as they demonstrate a student's interests, dedication, and enthusiasm beyond their academic accomplishments.
- Extracurricular / Co-curricular activities are defined as activities that fall outside the regular academic curriculum but contribute to the overall development and well-rounded education of individuals.
- Activities can take place within or outside the university and include, but are not limited to:
  - Sports & Athletics
    - Winning / Participating in Inter-school/ Inter-college/ Varsity/ Recognized Sports Associations / Federations Sports competitions
  - Arts & Culture
    - Winning / Participating in drama, theatre, dance, singing, musical instrument, painting, drawing, pottery, sculpturing, etc.
    - Art exhibitions or gallery displays
  - Academic Competitions
    - Winning / Participating in quizzes, debates, academic/research writing, composing poetries/stories etc.
    - Winning / participating in Research projects and presentations
    - Winning / participating in science fairs, innovation competitions, or Hackathons
  - Technology & Coding
    - Coding competitions & hackathons.
    - Developing and implementing e-sports games. Winning and Participating in software development/testing projects etc.

Scholarship Selection Process:

- Selection is based on a combination of academic achievements and demonstrated excellence in extracurricular activities.
- The 10% of students within the approved intake who meet the eligibility criteria will be considered. Students will have to apply for this scholarship.
- The Scholarship Committee will evaluate candidates based on their achievements/ involvement and impact in the specified extracurricular areas in last 3 years. Committee shall call for required evidences in form of certificates/ medals/ photographs during participation/ performances/ newspaper media archives etc.

Combination of Activities:

- The university may consider a combination of these activities when awarding scholarships to well-rounded individuals.
- The selection process aims to reward students who positively contribute to the campus community in various aspects.

Criteria Alignment:

- The university may specify certain criteria or focus areas aligned with its institutional values and goals.
- These criteria will be communicated transparently to applicants and considered during the scholarship selection process.

Communication and Transparency:

- All information regarding the "Rising Talent Scholarship" and the extracurricular activities policy will be communicated transparently to eligible students.
- Clear guidelines and instructions will be provided for the application process.

4. Scholarships Offered by Sponsors:

(i) **International Education Foundation [IEF] Scholarship (for the students of minority community): Applicable for entire duration of the programme.**

International Education Foundation is **offering programme fee for the shortlisted students**, for the entire duration of the full time Post Graduate Programmes. This scholarship is available for the students of minority community, admitted to NICMAR University, Pune for the full-time programmes. The details are as follows:

- **Scholarship is available for the students of minority community.**

**Subject to approval and as per the scholarship & selection policy of IEF.*

(ii) thyssenkrupp Uhde India Private Limited* Scholarship: Applicable for entire duration of the programme

- **Scholarship for Special Category** for SoEE Programmes**

Criteria:

- Scholarship for a **female candidate**.
- **100% programme fee waiver**
- Candidate must be from Economically Weaker Section.
- Having an Engineering degree (only) at Undergraduate (UG) level.

This is applicable for Admission to School of Energy and Environment (SoEE) programmes ONLY:

1. MBA in Sustainable Energy Management (first preference) or
2. MBA in Environmental Sustainability (second preference)

**Subject to approval and as per the scholarship & selection policy of thyssenkrupp Uhde India Private Limited.*

***As per thyssenkrupp Uhde India Private Limited policy.*

If the student is found to be meritorious and is able to clear thyssenkrupp Uhde India Private Limited selection requirements, she may be absorbed in thyssenkrupp Uhde India Private Limited upon successful completion of MBA programme. Scholarship is applicable only if the student clears exams as per the examination ordinance of NICMAR University, Pune.

5. Concession for wards of Defence personnel

- **Wards of Defence and Para-military personnel, both currently serving and retired, are eligible for this scholarship.**

** Limited to 1% of the total intake (at least 1).*

PG Programmes	Maximum Eligible Students
M.TECH IN CTM	1

The Defence Scholarship Opportunity is a programme designed to provide financial assistance for the education of wards (dependents) of currently serving and retired Defence and Para-military personnel. The concession offers varying percentages of financial support based on the rank of the personnel. The eligibility criteria and concession percentages are as follows:

- Non-Commissioned Officers (NCO's): Eligible candidates who are wards of NCOs can avail a 25% concession for their education.
- Junior Commissioned Officers (JCO's): Wards of Junior Commissioned Officers are eligible for a 15% concession to support their educational endeavors.
- Senior Commissioned Officers: Those who are dependents of Senior Commissioned Officers can benefit from a 10% concession to assist them in pursuing their education.

Applicants meeting the eligibility criteria are strongly encouraged to apply for this scholarship opportunity. The programme aims to empower and support the education of deserving individuals associated with the defence and para-military services. By taking advantage of this scholarship, eligible candidates can advance their education and contribute to their personal and professional development.

The availability of this benefit is contingent upon meeting the specified conditions mentioned below.

- Aspirants need to undergo the admission process, which includes the NICMAR Common Admission Test (NCAT) or an equivalent score, and a Personal Interview (PI) or Counseling Session (for B.Arch.). Furthermore, they should qualify in the admission process according to the prescribed cut-off.
- Selected candidates for the Outstanding Performance Scholarships **will receive an offer letter** for admission **based on their scholarship eligibility.**
- ***First-Come-First Served Basis:*** *The scholarship will be awarded on a First Come-First Served basis, emphasizing the importance of prompt action by eligible students. Early applicants have a higher likelihood of securing this valuable financial assistance.*

Scholarship Disclaimer:

- Valid scores of Entrance Exams (other than NCAT) must have been obtained after 1st July, 2025.
- Scholarships will be awarded based on the candidate's performance in entrance exams, prioritized in the following order:

For MBA Programmes: CAT, XAT, GMAT, NMAT, MH-CET, NCAT and MAT.
M.Tech. / M.Plan Programmes: GATE and NCAT.
Under-Graduate Programmes: JEE, SAT, IPMAT, MH-CET, and NCAT.

- Merit Assessment Score (250) Comprises of PG-NCAT, Personal Interview (PI) and Rating of Application (RA).
- All admissions and scholarships granted by the university are contingent upon approval by the Admissions/Scholarship Committee and the competent authority of the University.
- NICMAR University retains the right to modify any or all components of the aforementioned policy without prior notice. Additionally, the University reserves the right to amend the terms of the scholarship periodically without prior notification. All matters are subject to the jurisdiction of NICMAR University, Pune.

ACADEMIC REQUIREMENTS

The curriculum is organized into four semesters. The students are exposed to various theory courses, tutorials, and practical hands-on training. The students will complete the requisite credits to complete the PG Programme. The semester-wise distribution of course and credit is indicated in Table 1.

Courses

Typically, a two-credit course involves 30 hours of teaching. The courses may sometimes be of one credit or 3 to 4 credits depending on the content. The courses may include tutorial/practical components for hands-on training. The courses are divided into various categories to ensure the all-round development of students and provide adequate depth and breadth of knowledge. The courses may be divided into the categories such as General Core (GC), Programme Core (PC), General Elective (GE), Programme Elective (PE), Domain Elective (DE), Studio, Field Visit, Seminar, Lab, Practical, Workshop etc. In addition, the curriculum includes Massive Open Online Courses (MOOCs) and Self-Learning courses to foster lifelong learning. It also incorporates project-based courses such as social immersion, community services, study tour, capstone project, research project, mini or minor project or entrepreneurial project to facilitate experiential learning. For the Massive Open Online Course (MOOC), students must register, clear the exam conducted by the organizing body (such as SWAYAM or NPTEL etc.), and submit the certificate showing the % marks obtained to claim the credits.

Summer Internship

As part of the curriculum, each student has to undergo supervised field training of 6 credits after semester 2 with a reputed firm for 8 to 10 weeks. Given the on-the-job training, the student is also expected to perform specific regular duties on the project, as assigned by the respective organization. Organizations for practical training are carefully selected from reputable firms. Based on their performance, students may receive Pre-Placement Offers (PPO). Essentially, the University seeks meaningful and supervised work experience for its students. Students may opt to work on assignment-based project topics. At the end of the summer internship, students must submit a report for evaluation.

PEDAGOGY

NICMAR University believes that the method of instruction may vary from course to course; therefore, it uses a host of pedagogical approaches such as case studies, lectures, group and individual exercises, class projects, studio, flip classes and simulation to enrich the overall programme delivery. Further, site and field visit, study tours, and expert talks are organized across different courses.

The total credits may be further classified into Lecture (L), Tutorial (T), and Practical (P). In the lecture sessions, students are familiarized with the course's concepts and knowledge. The tutorial components help students better understand the concepts through problem-solving, case analysis, or hands-on practice. The practical component is designed for exclusive hands-on training

ASSESSMENT

Course Evaluation

The course evaluation comprises two parts: The semester-end examination and the internal assessment. The weightage for the same is given below.

Evaluation	Weightage (%)
Term End Examination	50
Continuous Internal Assessment (CIA)	50

The term end examination is only for courses with an L component and shall be of 1 or 2 hours long.

Continuous Internal Assessment (CIA)

Continuous Internal assessment (CIA) is the continuous evaluation of a candidate's performance throughout the course and is conducted by the concerned faculty member. For a course with a Term-end examination, 50% weightage is assigned to the internal evaluation. This internal evaluation of candidates shall be carried out by at least three components, of which the Unit test component is mandatory. For all courses, the Unit test will carry 40% weightage of marks (20 Marks). This will be conducted during the tenth week of the semester, and the syllabus will cover material up to that point. The fifth week of the semester will be Internal Assessment 1 (IA1), and the last week of the term will

be Internal Assessment 2 (IA2). The syllabus for IA1 will run until the fifth week, and the syllabus for IA2 will run from the Unit test until the last week of the semester (i.e., 15th week). For IA1 and IA2, the faculty can select any of the following components.

The IA1 and IA2 may have the following components:

- Class-participation
- Case analysis and presentation
- Quizzes/ Class test/Surprise test/Assignments (announced/unannounced)
- Term papers/Decision sheets/Project reports
- Research Paper Presentations/Viva
- Individual assignments/Group assignments/Presentations/Decision sheets
- Field project
- Role Play/Simulation
- Any other school/program/course-specific component

Summer internship and project work

The summer internship is assessed solely by the internal faculty. A summer internship carries 100 marks and is assessed during the third semester. The weightage assigned is 40% for report writing, 40% for presentation and 20% for question answers.

Students' project work (Seminar and Interim assessment) is evaluated by the assigned guide and an internal faculty (this is done at the end of the 2nd and 3rd semesters). The final viva voce is evaluated by the guide and an industry expert or by faculty members from the other institute.

Failure Cases

NICMAR University's programmes are highly demanding, and students of a high caliber are admitted through a rigorous evaluation. Consequently, every student is expected to complete the procedure in all subjects and submit their project work promptly unless there are legitimate grounds for delay. A student is declared 'Pass' in a course if they score at least 40% marks in internal and semester-end examinations individually.

If any student fails to obtain the minimum passing marks in the internal or semester-end examination, they will be declared fail. Such a student will have to reappear for the examination by paying the re-examination fee of Rs. 2000/- per course and obtaining the minimum passing marks to qualify.Similarly, non-submission of project work on time is not acceptable. A candidate is not considered to have completed the programme unless they submit the project report, which is judged satisfactory by the guide and awarded the required ratings by the examiner/s appointed for the purpose.

If the students wish to have their examination paper (s) re-evaluated, this can be done on payment of the re-evalution fee of Rs. 1000/- per course.

Grading System

Evaluation will be done on a semester basis. A Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) will be calculated at the end of every semester. Students should complete all courses to meet the program requirements.

Award

On successful completion of all the pre requisite requirements, the eligible student will be awarded the entitled with specialization if any.

Policy for Multiple Entry and Exit in Academic Programmes

To bring major reforms in the Higher Education System, National Education Policy (NEP) 2020 has provided a system of multiple entry and exit in academic programs. In this system the students shall be free to choose their programs and academic pathways in Higher Education that will support the Academic Bank of Credit (ABC). Multiple Entry and Exit System (MEES) are the fundamental recommendations of University Grants Commission (UGC), to encourage flexible learning in Higher Education Institutions (HEIs) which is important for lifelong learning of the students and to choose their academic path leading to the award of certificate, diploma and degree. Keeping the spirit of NEP 2020, our programme provides an opportunity to student to exit after one year with a post graduate diploma, provided the student has fulfilled the minimum credit requirements as per NEP 2020. **DIRECT** entry to the second year is possible based on the evaluation of documentary evidence (including the academic
record). This is further subjected to a student meeting programme admission regulations and minimum equivalence credits with NICMAR programme. Students completing a four-year Bachelor's programme

with Honours/Research, may also be admitted to the second year of the Master's programme subject to fulfilment of above conditions.

REGULAR TEACHING FACULTY

Faculty is the foundation on which NICMAR University programs are designed to grow. Therefore, careful attention is paid to attracting the best talent from the academic world and the industry. Expert faculty members of the University teach the courses, eminent practicing managers from leading engineering and construction firms from all over the country, and visiting experts from Indian and foreign universities and international organizations.

STUDENT DEVELOPMENT

NICMAR University has several schemes to provide full or partial financial support to various student activities. The University firmly believes that co-curricular and extracurricular activities significantly contribute to the all-round development of its students.

ABOUT NICMAR UNIVERSITY, PUNE

NICMAR University, Pune is established under State Private University Act. (Government of Maharashtra Act. No. XXXVI of 2022). University is situated at Balewadi, 14 kilometres away from the Pune Central Railway Station and 7 kilometres from the Savitribai Phule Pune University and along the Mumbai-Bangalore expressway. It has over 4,71,853 square feet built up area and more 1,25,000 square feet area under construction on a 10-acre plot of land built using the latest materials and technologies and is equipped with state-of-the-art facilities. The campus buildings blend harmoniously with the landscaped greenery all around.

The University is having barrier-free environment for the independence, convenience and safety of all persons including people with disabilities. The physical infrastructure of the campus includes classrooms, seminar rooms, tutorial rooms, mini auditorium, workshops, engineering laboratories, student common room, multi-purpose hall, placement GD room, placement PI room, placement corporate room, faculty cabins, offices, placement office, student lounge, boys' and girls' hostels, executive hostel, warden and lady warden residence, a library with stack areas, reference section and documentation centre, scholar's cabins, computerised catalogues, inter-campus online library, computer centres, 24-hour internet and e-mail facility, a guest house, a modern and well-equipped kitchen, students, faculty and staff dining halls.
Other facilities include a photocopying centre, solar water heating, sewage treatment plant, vermiculture, rain water harvesting system, lift facilities for all hostels, cafeteria, generator backup to all the buildings, doctor, dispensary, first-aid kits, community hall, indoor and outdoor recreation infrastructure i.e., football ground, basketball court, tennis court, badminton court, volleyball court, gymnasium (separate for boys & girls), recreation hall with table tennis, carrom boards, chess boards, T.V. with dish connection, students' parking facility (two wheeler), stationery and general store, xerox services, laundry facility, multipurpose open court (students' play area of 10000 sq.ft. approx.), auditorium having 1000 seating capacity, classroom, syndicate room, computer lab, amphitheatre, and basement parking etc. The campus is equipped with CCTV and round the clock security services.

ANTI-RAGGING POLICY OF NICMAR UNIVERSITY, PUNE

As per the directives issued by the Hon'ble Supreme Court of India and the University Grants Commission (UGC), ragging is a cognizable and punishable offence and is totally banned in or out of the University. The University shall take necessary action in accordance with the UGC Regulations for Curbing the Menace of Ragging in Higher Educational Institutions, 2009, against those found guilty of ragging and/or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.

The University gives paramount importance to the safety and security of every student and follows a zero-tolerance policy against Ragging. Helpline Numbers: 020–66859248/9322069331/1800-180-5522. Any student found indulging in ragging or any related activity will be dealt with strictly by appropriate disciplinary action as prescribed under Clause 9 of the Anti-Ragging Regulation of UGC.

Please visit: https://www.antiragging.in/ for UGC regulations against ragging.

SUPPORT SERVICES

i. Department of Information Technology:

Empowering Education Through Technology

NICMAR University, Pune, provides a modern, secure and technology-enabled campus environment designed to support academic excellence, innovation, research and industry-oriented learning.

The University's robust IT infrastructure integrates high-speed connectivity, smart learning spaces, advanced computing facilities, industry-standard software, digital collaboration platforms and dedicated technical support, enabling students to experience a seamless digital learning environment.

Key IT Facilities & Services

1. Smart Classrooms & Advanced Computer Laboratories

Technology-enabled classrooms equipped with interactive displays, audio-visual systems, webcams and video-conferencing facilities support engaging, collaborative and hybrid learning experiences. Modern computer laboratories provide access to specialised academic and industry-standard applications for practical learning, simulations, projects and research.

2. Campus-Wide High-Speed Internet & Wi-Fi

The campus offers 24×7 internet connectivity through a dedicated high-speed internet leased line with backup connectivity. Campus-wide Wi-Fi and wired network infrastructure enable students to access digital learning resources, research materials and online academic services.

3. Digital Learning & Academic Management

An integrated Learning Management System (LMS) and academic information systems facilitate access to course materials, assignments, academic resources and other learning activities. SAP S/4HANA and EduPlus Campus ERP support administrative and student lifecycle processes, including digital evaluation.

4. Industry-Standard Software & Specialised Applications

Students benefit from access to an extensive portfolio of professional software applications supporting construction management, engineering, architecture, project planning, design, analytics and research.

Key applications include:

- **BIM & Digital Design:** Autodesk Suite (AutoCAD, Revit, Navisworks, InfraWorks and other applications), Bentley ProjectWise, BEXEL, VisiLean, SketchUp and Rhino.
- **Project Planning & Management:** Microsoft Project, Oracle Primavera, ProChain and Oracle project and portfolio management solutions.
- **Construction & Enterprise Management:** Microsoft Dynamics 365 ERP and Highrise Construction ERP.
- **Estimation & Cost Management:** Candy and CalQuan.
- **Risk & Infrastructure Analysis:** @RISK and HDM-4.
- **Research, Analytics & Sustainability:** SmartPLS, NVivo, SimaPro LCA and PVsyst.
- **Academic Integrity:** Turnitin plagiarism detection software.

These tools provide students with practical exposure to technologies widely used across the Architecture, Engineering, Construction and Management (AEC) industries.

5. Microsoft 365 & Digital Collaboration

Students are provided with institutional email services and access to Microsoft 365 collaboration tools, including Microsoft Teams, OneDrive and Microsoft Office applications. These platforms support academic communication, online meetings, document sharing, teamwork and collaborative learning.

6. AR/VR Studio & Construction 4.0 Laboratory

The University offers an advanced Augmented Reality (AR) and Virtual Reality (VR) Studio and a dedicated Construction 4.0 Laboratory. These facilities provide opportunities for immersive learning, technology demonstrations, digital construction simulations, innovation and research into emerging construction technologies.

7. Cybersecurity & Data Protection
The University's IT infrastructure incorporates enterprise-grade firewalls, antivirus protection, secure servers, network security controls and centralised UPS systems to support reliable digital operations and safeguard institutional information and IT resources.
8. Campus Security & Digital Systems
Integrated technology-based security infrastructure includes CCTV surveillance, biometric attendance systems and visitor management solutions, supporting campus safety, monitoring and administrative efficiency.

9. Dedicated IT Helpdesk & Technical Support
A dedicated IT team comprising IT Managers, System Analysts, Software Engineers and Technical Support Assistants provides assistance for campus connectivity, institutional email, software access, computer laboratories, smart classrooms and other IT-related services.

The department is committed to maintaining reliable IT services and providing timely technical assistance to the university community

ii. Library

The NICMAR University library is the central library designed to support the students, faculty & research scholars. It is a specialized library in the area of Built Environment. In addition, the library provides knowledge resources in the area Information Technology, Engineering, Architecture, Planning, Energy & Environment, Social Sciences, all areas of Management, Smart Cities, Entrepreneurship, Taxation, Law etc.
The Library is the hub of the academic life of the NICMAR University campus. Housed in spacious halls on the first floor of academic block, the library is well stocked with textbooks, technical journals, periodicals and electronic resources. It holds a collection of more than 32800 volumes, comprising over 30520 Books, Periodicals, Standards, Cases, Technical Notes, Theses & Audio-Visual Materials. It also subscribes to electronic resources which include **Scopus and Scopus AI – The Citation Database**, **ProQuest ABI Inform Complete** (8500+ Titles), **ASCE Journals** (41 Titles), **ASCE Proceedings** (976 Titles)**, ScienceDirect-Business Management & Accounting** (123 Journals), **Taylor & Francis Online** (80 Journals), **Sage-Urban Studies & Planning** (59 Journals), **Sage-Management** (21 Journals), **ProQuest eBook Central-Business & Engineering** (71200+ Books), **Elsevier eBooks** (155 Titles), **Pearson eBooks** (55 Titles), **McGraw Hill eBooks** (53 Titles), **Taylor & Francis eBooks** (5 titles). Other titles include '**All India Reporter**', '**Economic & Political Weekly**' and Economic & Business databases of **M/s Centre for Monitoring Indian Economy, Mumbai (CMIE)** including **Prowess**, **Industry Outlook, Economic Outlook, States of India and the CapEx**. It also subscribes to the Anti-plagiarism software '**Turnitin- Originality Check and Turnitin AI**' for the faculty.

iii. Internet and E-mail

Dedicated 1+ Gbps Internet bandwidth for 24X7 is provided to students through Wired LAN & WiFi with a backup provision. Each student is provided with the University e-mail ID for academic communications alongwith Office 365 Access.

iv. Classrooms

NICMAR University has large, medium and syndicate capacity classrooms which are well-equipped with public audio system, Interactive Display Panel, LCD projectors, computers with internet connections and are fully air-conditioned.

v. Extra-curricular Activities

Students' training at NICMAR University, Pune goes beyond the confines of classroom and curriculum. In order to foster a holistic development of students, the University supports and encourages its students to plan, organise and participate in various co & extracurricular activities. The Student Council represents the general body of students and organises various techno-managerial, sports and cultural events, and celebrates all the major festivals throughout the year, involving the student clubs and student volunteers.

Some salient features are as follows:
a. Well-equipped, state-of-the-art facilities exist for indoor and outdoor sports such as badminton, table tennis, basketball and football etc.
b. Students are encouraged to participate in intra and inter-college co-curricular, cultural and sports competitions.

c. Various intra and inter-college events like Udbhav, Sanskriti, Chakraview, Technikala, NICMAR Premier League, Spardha, E-Summit, Academic Conclave, and Reverbs, etc. are organised for the development of co & extra-curricular skills of students.

d. Students also bring out in-house magazines, newsletters and similar publications.

e. Students of NICMAR University pursue their varied hobbies and interests after academic hours through different special interest clubs actively functional on the campus. Various activities are organised by the Music club, Photography club, Dance club, Technical club, Movies and Dramatics club, Sports club, Literary club, R & D club, Start-up club, Design club and Fashion club throughout the year. All these clubs are managed by students.

f. Separate well-equipped gymnasia are available for girls and boys, assisted by qualified sports supervisors.

g. An international sports stadium is just across the road and students can access swimming pools, gymnasia, field tracks and other facilities on payment basis.

Thus, the University leaves no stone unturned to ensure that the students have a memorable and enriching campus life contributing to their all round development.

NICMAR UNIVERSITY EDUCATIONAL LOAN PARTNERS

The banks/financial organisations mentioned below offer educational loans to the students desirous of pursuing NICMAR University's programmes.

- **Credila Financial Services Ltd.** Primary Contact (Disha): +91 77700 54545 / WhatsApp: +91 96079 99310
- **Saraswat Co-operative Bank Ltd.** [Ph. No.: 020-27292957/58 OR Give a missed call on this number: 9029050027]
- **IDFC First Bank Ltd.** Toll Free No.: 1860-500-9900 Contact Person - Sushant Ingrole Ph. No.: 8208146613/ 91681 10101 E-mail: Sushant.ingrole@idfcfirstbank.com
- **Bank of Baroda** Landline: 020-25537085, Mobile: 7972388794, Email: elsc.pune@bankofbaroda.com
- **Bank of Maharashtra** Ph. Numbers.: 9623293296 / 7738624412 Give a Missed call on this Number - 8010 614 614 Email: brmgr2550@mahabank.co.in, brmgr1121@mahabank.co.in, Website: https://digileads.bankofmaharashtra.in/educationloan
- **Avanse Financial Services Ltd.**

Email: devesh.thakkar@avanse.com, Mobile: 9702666363, Toll Free No.: 1800-266-9722

- **propelld** [Website: https://www.propelld.com/, Mr. Sagar Kaushik, Ph. No.: 8147495172]
- **kuhoo** Contact Person -Gopal Thakare Mobile: 9860400041 Email: gopal.thakare@kuhoo.com
- **Punjab National Bank:** Email: shamstabrez.sayyad@pnb.bank.in Contact no: 9226946326
- **Axis Bank** Contact Person: - Sumeet Tayde Mobile: 9096923798 Email: sumeet.tayde@axisbank.com

Applicants may contact the branches of these banks/financial organisations for further details and information.

DISCIPLINE AND CODE OF CONDUCT

Students shall be courteous and formal in conduct with faculty and staff at all times, failing which appropriate disciplinary action shall be taken against the erring student. A Code of Conduct for the students is issued at the time of admission and it is mandatory for all students to abide by.

Two-Year PG Programme by NICMAR University, Pune
M.Tech (Construction Technology and Management)
Structure and Course wise Credit Distribution

Semester 1							
Sr. No	**Type**	**Code**	**Course Name**	**L**	**T**	**P**	**C**
1	Course	267091ORB	Organizational Behaviour	1	0	0	1
2	Course	267091HRC	Human Resource Management	1	0	0	1
3	Course	267091PPL	Project Planning and Control in Construction	2	0	0	2
4	Course	267091QSC	Quantity Surveying, Estimation and Costing	2	0	0	2
5	Course	267091MCP	Mechanised Construction Practices*	2	0	0	2
6	Course	267091RCT	Recent Trends in Concrete Technology	2	0	0	2
7	Course	267091GTP	Geospatial Techniques in Practice*	2	0	0	2
8	Course	267091PGP	Policy and Governance in Infrastructure Projects*	2	0	0	2
9	Course	267091FAI	Fundamentals of AI and IOT	2	0	0	2
10	Course	267091CDL	Critical Thinking, Design Thinking, Leadership and Teamwork	2	0	0	2
11	Course	267091IKS	Indian Knowledge System	2	0	0	2
	Semester 1 credits						**20**
Semester 2							
Sr. No.	**Type**	**Code**	**Course Name**	**L**	**T**	**P**	**C**
12	Course	267092COE	Construction Economics	2	0	0	2
13	Course	267092FIM	Finance Management	2	0	0	2
14	Course	267092CCM	Contracts Management of Projects	2	0	0	2
15	Course	267092CRM	Construction Quality and Risk Management	3	0	0	3
16	Course	267092BIC	Building Information Modelling in Construction	0	0	1	1
17	Programme Elective	267092XXX	Elective 1 (Specialization)*	2	0	0	2
18	Programme Elective	267092XXX	Elective 2 (Specialization)	2	0	0	2
19	Programme Elective	267092XXX	Elective 3 (Specialization)*	2	0	0	2
20	Workshop	267092PPW	Project Planning Workshop (MSP& Primavera)	0	0	1	1
21	Workshop	267092CPW	Construction Practices Workshop	0	0	1	1
22	MOOC	267092BCS	Business Communication Skills	1	0	1	2
	Semester 2 credits						20
23	SI	267093SMI	Summer Internship	0	0	0	**6**
Semester 3							
Sr. No.	**Type**	**Code**	**Course Name**	**L**	**T**	**P**	**C**

24	Course	267093DET	Deep Excavation and Tunnels*	2	0	0	2
25	Course	267093LAE	A Professional's Approach to Law and Ethics*	2	0	0	2
26	Course	267093SIC	Safety in Construction*	2	0	0	2
27	Course	267093SIC	Construction Equipment Management	2	0	0	2
28	General Course	267093RMP	Research Methodology	1	1	0	2
29	General Course	267093TBA	Tools for Business Analytics	0	0	1	1
30	General Course	267093END	Entrepreneurship Development	1	0	0	1
31	Programme Elective	267093XXX	Elective 4 (Specialization)*	2	0	0	2
32	Programme Elective	267093XXX	Elective 5 (Specialization)*	2	0	0	2
33	Course	267093PRW	Project Work Phase I	2	0	0	2
							18
	Semester 3 credits (including Internship)						**24**
Semester 4							
Sr. No.	**Type**	**Code**	**Course Name**	**L**	**T**	**P**	**C**
34	Course	267094PRW	Project Work Phase II*	16	0	0	16
35	Course	267094CEM	Community Engagement	2	0	0	2
	Semester 4 credits						**18**
	Total Credits						**82**

Electives:

Elective Courses	**Specialization Building Construction and Project Management**		**Specialization Infrastructure Engineering and Project Management**	
Elective 1	267092BLS	Integrated Building Services*	267092HPI	Hydropower Plant Infrastructure Engineering*
Elective 2	267092SBD	Sustainable Building Design Practices in Construction	267092HEP	Hydrocarbon and Energy Projects*
Elective 3	267092PCT	Prefabrication and Precast Construction Techniques*	267092TIM	Transportation Infrastructure – Metros*
Elective 4	267093DPS	Design and Practices of Structural Steel Buildings*	267093RHP	Roads and Highway Project Development*
	267093LCM	Lean Construction Management	267093BED	Bridge Engineering Design Practices*
	267093PJM	Project Management for Professionals	267093REI	Renewable Energy Infrastructure*
Elective 5	267093HRB	Technology and Management of High-Rise and Special Buildings	267093ASE	Airports and Seaports Engineering*
	267093PPI	Public-Private Partnership in Construction Projects*	267093PPI	Public-Private Partnership in Construction Projects *
	267093ABM	Advanced Building Information Modelling in AEC*	267093ABM	Advanced Building Information Modelling in AEC*

Courses highlighted with an asterisk (*) are to be delivered by L&T

Disclaimer: The NICMAR University reserves the right to revise any/all of the components of the above policy, including payment schedule and refund policy without any prior notice.

The University reserves the right to revise the contents of the brochure from time to time without any prior notice. All matter is subject to NICMAR University, Pune jurisdiction only.



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