YEARLY STATUS REPORT - 2022-2023

Part A	
Data of the Institution	
1.Name of the Institution	**NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY**
• Name of the Head of the institution	**Dr. Vinod M. Kapse**
• Designation	**Director**
• Does the institution function from its own campus?	**Yes**
• Phone No. of the Principal	**8448384611**
• Alternate phone No.	**9713014149**
• Mobile No. (Principal)	**9599446607**
• Registered e-mail ID (Principal)	**director@niet.co.in**
• Address	**NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY**
• City/Town	**Greater Noida**
• State/UT	**Uttar Pradesh**
• Pin Code	**201306**
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	**21/08/2020**

• Type of Institution	**Co-education**
• Location	**Semi-Urban**
• Financial Status	**Self-financing**
• Name of the IQAC Co-ordinator/Director	**Amita Shukla**
• Phone No.	**9675224411**
• Mobile No:	**9675224411**
• IQAC e-mail ID	**iqac.niet@niet.co.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	**https://www.niet.co.in/pdf/IQAC-2021-22.pdf**
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	**https://www.niet.co.in/academic-calendar-fee-structure.php**

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	**A**	**3.23**	**2022**	**09/06/2022**	**31/12/2025**

6.Date of Establishment of IQAC	**25/02/2015**

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Dr. Vinod M. Kapse	**ATAL FDP**	**AICTE**	**21/11/2022**	**300000**
Dr. Vinod M. Kapse, Dr. Manish Kaushik	**SPICES**	**AICTE**	**25/05/2022**	**100000**
Dr. Vinod M. Kapse	**TOYCATHON PHYSICAL EDITION 2022**	**MHRD MOE**	**20/05/2022**	**4070000**
Dr. Vinod M. Kapse	**Hackathon**	**MHRD MOE**	**17/08/2022**	**672000**
Dr. Vinod M Kapse	**ATAL FDP**	**AICTE**	**06/11/2023**	**2,50,000**

Dr. Vivek Kumar	ATAL FDP	AICTE	06/12/2023	2,50,000
Dr. Pankaj Kumar Tyagi	ATAL FDP	AICTE	06/11/2023	2,50,000
Dr. Vinod M Kapse	SIH Software edition 2023	MHRD MOE	06/12/2023	12,46,000
Dr. Veena Grover	(EAI SUS 2023) CONFERENCE	EAI	21/11/2023	2,94,730
Dr. Pankaj Kumar Tyagi	STTP	DBT	03/11/2023	2,41,476

8.Provide details regarding the composition of the IQAC:

- Upload the latest notification regarding the composition of the IQAC by the HEI	**View File**

9.No. of IQAC meetings held during the year	5
- Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	Yes

10.Did IQAC receive funding from any funding agency to support its activities during the year?	No

11.Significant contributions made by IQAC during the current year (maximum five bullets)

* The IQAC served as a catalyst, stimulating research, innovation, and publication endeavours. * The IQAC initiated the systematic and continuous data capture process to facilitate the college's preparation for NAAC in alignment with the provided guidelines. * The college is consistently working towards enhancing the student mentoring system, making systematic and collaborative efforts to foster entrepreneurship, promoting environmental awareness through green campus campaigns, and encouraging student participation in co-curricular and other activities that provide leadership training and instill universal values. * Emphasis is placed on coordinating international/national seminars, conferences, workshops, faculty development programs, trainings, hackathons, etc. These events attract notable academicians from both domestic and international realms, along with participation from faculty, research scholars, and others. The impact of these endeavours has been significant, benefiting not only the faculty but also the broader student community. *NIET holds the 101-150 band PAN-India ranking in the field of Engineering Discipline according to the NIRF Ranking 2023. *NIET secured a position in the rank band of

101-150 in institute innovation ranking. *Currently all the eligible programs i.e. B.Tech in EC, ME, IT , BT, CSE and two PG programs in MBA & MCA are NBA accredited. *The institution has achieved an A Rank from NAAC during its second accreditation, valid until December 31, 2025. *Grants for research, innovation, and FDP/STTP have been received from AICTE, UP CST, AKTU, EAC and AICTE MODROB. *NIET was awarded a Diamond rating by QS I GAUGE in 2020. *The institution attained Autonomy from the University Grants Commission in 2020. *A 10-year approval from AICTE has been granted to the institution. * In 2023, institute has received approval for collaboration and twinning program in B.Tech.(CSE, IT, CSE(AI),CSE(AIML), MBA,MCA) from AICTE. * Institute has received the approval to start B.Tech. and M.Tech program for working professionals. * Institute is working on 21st century skills of the students by starting a school of future skill. * Institute Provide credit based courses (Coursera & Infosys courses springboard) free of cost for students and faculties. *The institute provides minor degree specialization courses in addition to the main disciplines. * The institute has organized national/international events like Hackathon, Design Thinking Challenge under School of future Skills, Inventors Challenge. * The institute received Best Innovation Poster Award in IIC Regional Meet 2023.

12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
Systematic data capture process	Provided specific formats to all the departments and it is been updated and verified on monthly basis
Catalyst for R & D	Aliened and educated all the departmental research coordinators with IQAC documentation process related to research
Student mentoring system	Guided faulty members about mentoring system
To organize national /international seminars, conferences	Organized International conferences by the School of CSEIT , School of Computer Science and Emerging Technologies, Dept of MBA, Dept of Biotechnology
NIRF Ranking	NIET holds the 101-150 band PAN-India ranking in the field of Engineering Discipline
Accreditation of UG and PG programs	Currently all the eligible programs i.e. B.Tech in EC, ME, IT , BT, CSE and two PG programs in MBA & MCA are NBA accredited.
NAAC Extension	Achieved A Rank from NAAC during its second accreditation
Start Twining Program	In 2023, institute has received approval for collaboration and twinning program in

	B.Tech.(CSE, IT, CSE(AI),CSE(AIML), MBA,MCA) from AICTE.
Programs for working Professionals	Institute has received the approval to start B.Tech. and M.Tech program for working professionals.
Establish school of future skills	Institute is working on 21st century skills of the students by starting a school of future skill.
Start Minor Degree Courses	The institute provides minor specialization courses in addition to the main disciplines.
Fuctional IDEA lab	The institute has AICTE approved idea lab

13.Was the AQAR placed before the statutory body?	Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
BOG	17/07/2023

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
2022-23	15/02/2023

15.Multidisciplinary / interdisciplinary

The institute provides a range of multidisciplinary programs, including Engineering & Technology and Management, at the undergraduate, postgraduate, and Ph.D. levels. The institute's vision, coupled with action plans, underscores the commitment and relevance of the curriculum in transforming the institution into a multidisciplinary entity that imparts holistic education. When designing the curriculum, we take into account the model curriculum of AICTE and the guidelines of UGC and NEP 2020. All programs incorporate multidisciplinary courses such as mathematics-related courses, data structures and algorithms, Python programming, open electives, Sustainability Technologies, internships, and projects.

From the academic session 2022-23, the institution has introduced a Multidisciplinary Minor Degree Undergraduate program, including Minor Degrees in AIML, Data Science, Electrical Vehicle, and VLSI. Since gaining autonomy, the institution has integrated science and humanities-related courses into the curriculum, encompassing basic sciences, science electives, environmental science, communication skills, advanced communication skills, BEC, universal human

values, career development practice, and more. Flexibility in course offerings is fundamental to exploring autonomous status, starting with various elective courses in the curriculum.

The institution supports flexible curricula through initiatives such as branch transfers at the second-year level and encourages multidisciplinary project and internship teams. A noteworthy initiative is the institute-level multidisciplinary Capstone project involving students and faculty mentors from all disciplines. The curriculum also features courses focused on incubation, entrepreneurship, and crosscutting issues such as Professional Ethics, Gender, Human Values, Environment, and Sustainability. The Technology Business Incubation Center creates an ecosystem for a multidisciplinary environment.

In addition to the curriculum, the institute addresses crosscutting issues by promoting student participation in activities like Swachhata Pakhwada, cleanliness drives, national day celebrations, etc. The credit transfer scheme with MoU signatory institutes benefits five beneficiaries, and the institute has formulated a common curriculum across institutions of the host group. Students from across the group institutions can enter or exit the program at any point. The institute plans to extend this model to other institutions and is in the process of framing standard operating procedures.

Among the institute's good practices are CBCS offerings, CTS, multidisciplinary curricula, multidisciplinary project and internship groups, and the facility for minor specializations and certifications.

16.Academic bank of credits (ABC):

The Academic Bank of Credits (ABC) is designed to digitally archive the academic credits attained by students from Higher Education Institutes registered with ABC. This facilitates the granting of degrees, diplomas, and certificates based on the accumulated credits. ABC operates on the principle of multiple entry-multiple exits, empowering students to chart their unique learning path towards obtaining a degree, diploma, or certificate at any level of learning.

Our institute is registered with ABC and NAD-Digilocker to maintain a digital repository of student credits by uploading final semester mark sheets. Additionally, we have a Credit Transfer Scheme (CTS) enabling students to undergo one semester at MoU-signed prestigious institutes nationally and internationally. In the future, CTS will be seamlessly integrated into ABC.

As a stride towards ABC, our institute is implementing the Choice Based Credit System (CBCS). This system offers students the flexibility to choose courses and earn credits, emphasizing interdisciplinary and open electives. It allows students to learn at their own pace, take additional courses, and acquire more credits than required. CBCS encourages group discussions,

assignments, class activities, and internal examinations, fostering a rich educational environment.

The Academic Bank of Credit is a vital component of the NEP-2020, mandated for implementation by academic institutions. Our institute, committed to internationalizing education, has collaborated with institutions such as Ajman University UAE, Jamescook University SINGAPORE, Asia Pacific University of Technology & Innovation Malaysia, Management & Science University Malaysia, University of Malta, Miracosta College United States, Daffodil International University Sri Lanka, Diponegoro University Semarang Indonesia, CGC Aaehus University Denmark, and Skyline University Sharjah UAE for credit transfers. Multiple MoUs with foreign universities and institutions, including Ajman University and Skyline University, underscore our commitment to global academic collaboration.

Being an autonomous institution, we involve faculty members in curriculum framing, ensuring a 15% annual update with the latest trends and advanced topics. Faculty members are motivated with incentives to create course study material for platforms like NPTEL/SWAYAM, write textbooks with reputed publishers, publish in SCI Journals, and apply for patents. These endeavors contribute to intellectual property rights and the academic bank of the institute. Faculty members are also encouraged to undertake a minimum of eight Coursera courses annually to enhance their knowledge in alignment with their respective courses.

17.Skill development:

As an autonomous institution, NIET places a strong emphasis on enhancing the skills of both students and faculty members. Skill development programs are strategically designed to augment learning capabilities, enabling individuals to attain their academic objectives and stay abreast of the latest industry technologies. These courses are closely aligned with the National Skills Qualifications Framework (NSQF) and seamlessly integrated into the curriculum.

Beginning from the first year, skill programs encompass soft skills training, communication skills, foreign languages, interdisciplinary subjects, and open electives. The curriculum itself is structured to cover a spectrum of skill development, including major technical skills relevant to the industry, introduced to students during the academic year 2022-23.The curriculum of interdicsciplinary program ie.B.Tech in CSBS is designed by industry experts from TCS which includes management subjects also.

NIET is dedicated to instilling value-based education in students through credit-based courses such as "Universal Human Values 2: Understanding Harmony." Various activities, including annual gatherings and forum events featuring drama, singing, cultural programs, yoga, patriotic song competitions, etc., contribute to this value-based education. Hobby clubs for students, covering areas like Photography, Entrepreneurship, Product/Model Design,

Renewable Sources, Web Design, Music, Art & Craft, Fitness, and Sports, further enhance diverse skills among the student body.

Moreover, the institution conducts faculty skill development programs across multiple domains of engineering and technology. A significant initiative involves the mandatory enrollment of every student in at least one skill course, with several skill-based courses integrated into the regular curriculum. These skill development programs are facilitated by knowledgeable academic and industry experts, benefiting both students and faculty members alike.

18. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

To promote Indian knowledge, the institution has initiated the B.Tech in CSE (Regional) Program. Additionally, the institute actively observes International Mother Language Day and Matrubhasha Divas through the Ek Bharat Shreshtha Bharat club. The integration of education and culture is facilitated through online platforms such as SWAYAM , Coursera and Infosys Springboard, extending support to teachers and students by providing a structured and user-friendly monitoring system to track learner progress. Various workshops have been organized to raise awareness about the National Education Policy (NEP) 2020 among the faculty members and students. The institute also offers a range of elective and open elective courses accessible through online portals.

19. Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

The curriculum is meticulously aligned with Programme Outcomes and Program Specific Outcomes. Training in modern software engineering tools is compulsory for skill enhancement. Every student is required to make presentations to enhance communication skills. Students are assigned societal problems to comprehend the impact of professional engineering solutions in societal and environmental contexts, showcasing knowledge and the necessity for sustainable development.

Beyond industry visits, the institute also organizes visits to old age homes, instilling values and morals among students. Social internship is an integral part of the curriculum, mandating students to address fundamental societal issues. The inclusion of courses in innovation and entrepreneurship encourages lifelong learning engagement. The institute conducts skill enhancement programs to enhance employability, allowing students the flexibility to learn in ways that cater to different learning abilities and paces.

Multiple teaching, learning, and assessment methods are employed to evaluate diverse learning outcomes. Faculty members utilize innovative and effective classroom teaching methodologies to facilitate outcome-based education. Regular seminars cover

practical topics, enhancing qualitative understanding. Various assignments, including design and case studies, assess problem-solving abilities. Group learning is fostered through role plays and discussions to evaluate teamwork.

In laboratory and research courses, students tackle specific problems using diverse solutions. Senior students are engaged in peer teaching to develop their teaching abilities. Faculties are enrolled in subject domain training at nationally important institutes and industries.

20.Distance education/online education:

The institute reinforced its infrastructure by acquiring high-end facilities, including enhanced Wi-Fi, upgraded software, Teams, etc., resulting in the effective implementation of online education. Our institution actively promotes and supports the development of high-quality online courses seamlessly integrated into curricula and delivered through online platforms. Distance education has gained widespread recognition globally, particularly in developing countries like India, owing to its cost-effectiveness, flexible approach, student-centric nature, and a network of support services, making it a viable mode of education for all.

Regardless of the learner's geographical location, race, age, religion, or caste, Open and Distance Learning (ODL) aligns with their needs. Our institution is prepared to offer certificate/diploma courses in emerging areas and vocational courses through ODL, covering fields such as Artificial Intelligence, 3D Printing, Flexible Manufacturing System, Python, Cyber Security, Ethical Hacking, Internet of Things, Wireless Communication, AutoCAD, Civil 3D, Data Analyst, PCB design, etc.

Faculty members at our institution utilize various ICT-based tools for the teaching-learning process. A total of 117 classrooms, along with seminar halls and the auditorium, are equipped with (Smart Board) ICT infrastructure. The institute follows distinctive, learner-centric, and innovative teaching and learning methods, ensuring a dynamic educational experience.

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	24

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.Student

2.1	7006

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2

Number of outgoing / final year students during the year: | 1382

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3

Number of students who appeared for the examinations conducted by the institution during the year: | 11438

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1

Number of courses in all programmes during the year: | 1167

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2

Number of full-time teachers during the year: | 359

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3

Number of sanctioned posts for the year: | 350

4.Institution

4.1

Number of seats earmarked for reserved categories as per GOI/State Government during the year: | 932

4.2

Total number of Classrooms and Seminar halls | 150

4.3

Total number of computers on campus for academic purposes | 3382

4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	3559

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The Vision and Mission of the College as cited below:VISION STATEMENT: To be an institute of academic excellence in digital arena with global outreach delivering socially responsible professionals to become a university and an entrepreneurial hub.MISSION STATEMENT: 1)To impart quality education and hone student's skills and competencies making them future ready.2)To foster an ecosystem for research, product development, innovation, incubation and entrepreneurship.3)To in still values and ethics to produce socially responsible technocrats addressing global problems.4)To develop an environment for sharing and exchange of resources globally for lifelong learning

In alignment with its Vision and Mission, the institution empowers departments and schools with autonomy to update curricula, ensuring students' readiness for the future. Stakeholders actively contribute to curriculum design, incorporating the latest knowledge and introducing new courses. A well-defined four-step approach involves gathering feedback, aligning program goals with institutional objectives, ensuring a balanced curriculum, and incorporating significant suggestions, approved by the Board of Studies. Collaborations with Coursera/Infosys Springboard enhance learning opportunities. The flexible curriculum allows students to choose departmental, interdisciplinary, or industry-offered courses. CSBS curriculum is designed by TCS, while open electives, Hackathons, and SEGUE activities foster practical skills. Courses aligned with 'Make-in-India' and startup policies enhance technical and entrepreneurship skills. Compulsory language courses, renewable energy studies, and minor degree programs contribute to a holistic education approach.

File Description: https://www.niet.co.in/mission-vision.php, https://www.niet.co.in/innovation-labs-star-tie-ups.php

File Description	Documents
Upload additional information, if any	No File Uploaded

Link for additional information	https://www.niet.co.in/about-mission-vision.php,https://www.niet.co.in/syllabus.php#syllabus-1,https://www.niet.co.in/syllabus.php#syllabus-2,https://www.niet.co.in/syllabus.php#syllabus-3,https://www.niet.co.in/syllabus.php#syllabus-4

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

24

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	**View File**
Details of syllabus revision during the year	**View File**
Any additional information	**No File Uploaded**

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

828

File Description	Documents
Curriculum / Syllabus of such courses	**View File**
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	**No File Uploaded**
MoUs with relevant organizations for these courses, if any	**No File Uploaded**
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

510

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	**No File Uploaded**
Any additional information	**No File Uploaded**
Institutional data in prescribed format (Data Template)	**View File**

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

24

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	**View File**
Any additional information	**No File Uploaded**

List of Add on /Certificate programs (Data Template)	**View File**

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The current curriculum addresses the mentioned issues through courses such as Environmental & Ecology, Value Education, Universal Human Values, Cyber Laws, Design Thinking 1 & 2, Sustainable Technologies and Ethics. In their final year, students are actively encouraged to undertake projects that tackle cross-cutting issues such as green energy, waste management, water conservation, women's safety, and agricultural electronics. Coursera Courses on Environmental Science and Sustainability being taught as a non-credit course.

To raise awareness and sensitivity on gender-related matters, the institute has established a 'Women Grievance Cell.' This cell aims to educate students and employees about gender issues, enlighten them about the social, moral, and legal implications of gender discrimination, promote value education that upholds gender equality, and concurrently address instances of sexual harassment on campus. The cell is dedicated to fostering an environment where students, teachers, and non-teaching staff can collaborate in a setting free from gender violence, sexual harassment, and gender discrimination.

The institute is constantly conducting activities, poster competitions and expert sessions to sensitize the students about this important issue.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	**View File**
Any additional information	No File Uploaded

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

29

File Description	Documents
List of value-added courses	**View File**
Brochure or any other document relating to value-added courses	No File Uploaded
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

2543

File Description	Documents
List of students enrolled	**View File**
Any additional information	**No File Uploaded**

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1945

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	**View File**
Any additional information	**No File Uploaded**

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	**A. All 4 of the above**

File Description	Documents
Provide the URL for stakeholders' feedback report	**www.niet.co.in**
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	**No File Uploaded**
Any additional information	**No File Uploaded**

1.4.2 - The feedback system of the Institution comprises the following	**A. Feedback collected, analysed and action taken made available on the website**

File Description	Documents
Provide URL for stakeholders' feedback report	**www.niet.co.in**
Any additional information	**No File Uploaded**

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

2829

File Description	Documents
Any additional information	**No File Uploaded**
Institutional data in prescribed format	**View File**

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

932

File Description	Documents
Any additional information	**No File Uploaded**
Number of seats filled against seats reserved (Data Template)	**View File**

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

The institution categorizes learners into two groups based on their pace of learning—slow and fast. They are identified on the basis of their academic performance & attendance. Subsequently, tailored approaches are employed to assist them in reaching their learning objectives.

Undergraduate students fall into two distinct classifications: fast learners, and slow learners. Fast learners are those who attend all classes, submit all assignments, and participate in all weekly quizzes for each course. Slow learners, on the other hand, do not attend any online classes or attend less than 10% of classes. They also fail to submit assignments/quizzes or submit/appear for less than 10% of those assigned/conducted.

To support slow learners, an extra class(remedial classes) is conducted each week for each course. Notes, extra assignments, online study material, etc. are also provided ti the slow learners. Fast learners, on the other hand, are given additional assignments to fuel their motivation to attain higher levels of knowledge.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
30/12/2023	7006	359

File Description	Documents
Upload any additional information	**No File Uploaded**

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

The institute heavily employs student-centric practices, utilizing the interactive Learning Management System (workshop mode) and

online teaching learning approach. The advantages of this approach include:Flexibility: Students benefit from the convenience of 'anytime anywhere' learning. Self-paced Learning: Students have the freedom to learn at their own time and place, at their own pace. Accessibility: Digital content is easily accessible to all, facilitating smooth conduct of digital laboratories. Recorded Sessions: Lecture sessions are recorded and uploaded for immediate access by students. Versatility: It provides flexibility and ease in assigning tasks, conducting quizzes, and facilitating 'Flipped Classes.Moreover, the faculty's lectures are complemented by an array of teaching aids and techniques, such as PowerPoint presentations, recorded video lectures, models, charts, animations, ERP LMS, Smart Board, Lecture Capturing System, recording studio, MS Teams, Google Meet, classroom teaching, and experiential learning. Laboratory sessions, virtual labs, and cloud-based automated programming tutors like Code Tantra provide hands-on opportunities. The curriculum integrates internship training, presentations, industry expert insights, educational field and industry visits, participative learning, and participation in various activities, conferences, seminars, workshops, technical fests, group discussions, project-based learning, hackathons, toycathons, activity-based learning, case studies, design projects, Design thinking challenge, Workshop mode teaching, role play and expert lectures. Sports activities, problem-solving methods, assignments, project internships, clinical postings, field trips, research-based learning, and online learning resources like NPTEL and SWAYAM contribute to a holistic learning experience.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

NIET has earned the prestigious QS I-GAUGE E-LEAD (E-Learning Excellence for Academic Digitization) certification, signifying successful completion of a thorough verification and validation process that assesses institutions' readiness for online teaching and learning.The institute possesses a well-equipped central Digital Studio featuring cutting-edge equipment designed for high-resolution recording of teaching sessions, particularly for MOOCs and other dissemination purposes. Additionally, platforms like Coursera, NPTEL Swayam, Infosys Spring board and Code Tantra—a Cloud-Based Automated Programming Tutor—are utilized for programming skill development through an interactive, learn-by-doing approach. Furthermore, all classrooms are equipped with whiteboards and LCD projectors, while a substantial number of Smart Classrooms are outfitted with interactive panels.

Communication tools such as MS Teams, Google Meet, and Zoom facilitate seamless interactions, while simulation software, including Creo, AutoCAD, ANSYS (Mechanical), MATLAB, LabView, Power world simulator, PSCADA, Scilab, CATIA, Tableau, Adobe, SPSS, R-

programming, Xylinx, Microwind, Tanner, and Python, enhance the learning experience for design courses.

The institute's commitment to e-learning is further exemplified by the inclusion of e-books and e-journals in the digital library. The ERP system encompasses a wide range of functionalities, including registration management, admission management, student profile updates, question bank uploads in TCS Ion, ppt uploads for happiness quotient, lecture scheduling, attendance marking, substitution requests, content uploads, leave applications, monthly attendance reports, employee punch reports, gate pass applications and approvals, employee salary setup, increment and salary group management, salary generation, and printing of salary slips and employee-wise salary statements.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	**https://niet.instituteoncloud.com/Account/Login**
Upload any additional information	**No File Uploaded**

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

1:20

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	**View File**
Circulars with regard to assigning mentors to mentees	**View File**

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Institute prepares academic calendar in line with statutory bodies. Further, the department prepares its academic calendar in accordance with the institute academic calendar including the departmental academic activities such as curricular and co-curricular initiatives, student activities, examinations, innovation-related endeavours (IIC), workshops, audits, and the compilation of holidays and events are carefully planned well in advance and disseminated to all stakeholders through hard as well soft copies. The calendar is strictly followed.

Regular audits are conducted to ensure that activities align with the established schedule. Teaching plans are formulated with a focus on the course objectives and outcomes. The faculty designs a teaching plan for theoretical aspects spanning 40-45 hours, while a separate plan for practical aspects covers 20-30 hours. The

division of theoretical and practical topics is structured to facilitate effective and timely completion.

Faculty members are encouraged to enhance their teaching and evaluation methods, particularly through the integration of innovative tools like Blended learning, Project based learning, Activity based learning, peer-to-peer learning, collaborative learning, Flipped classroom, learning through gamification, virtual classrooms & webinars, MOOCs courses through Coursera, Infosys springboard, Swayam platform etc. This approach allows course teachers to periodically assess students' learning abilities based on their respective teaching plans. Consequently, both educators and learners actively engage in the teaching and learning process.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	**View File**

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

359

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	**View File**
List of the faculty members authenticated by the Head of HEI	**No File Uploaded**
Any additional information	**No File Uploaded**

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

143

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	**View File**
Any additional information	**No File Uploaded**

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1357

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	**View File**
Any additional information	**No File Uploaded**

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

57

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	**View File**
Any additional information	**No File Uploaded**

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

09

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	**No File Uploaded**
Upload any additional information	**No File Uploaded**

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The institute employs a robust Examination Management System, overseeing Pre-Examinations, examination conduct, and Post-Examination activities with precision.

1. Automation and IT integration streamline processes, including enrolment, attendance verification, marks entry, flexible course handling, grade calculation, student tracking, result compilation, and report generation for faculty, administration, and regulatory bodies. Online Semester/Module Fee Payment is also facilitated.

2. Continuous Assessments (CA): In addition to Semester End Examinations (SEE), students undergo Continuous Internal Assessments (CIA) conducted by individual departments for each course within a specific degree program. CIE contributes 33% and SEE contributes 67% to the total attainment of a course outcome. Through mid-semester examinations, seminars, viva-voce, quizzes, assignments, etc., teachers identify slow learners and adjust teaching methods accordingly. Weekly Class Assignments ensure student engagement and attentiveness.

3. MOOC Courses: Students have the option to earn credits for elective/open category courses through online platforms like SWAYAM, NPTEL, and other MOOC platforms(Coursera and Infosys). Marks earned in MOOC courses contribute to the semester result, allowing students to take courses from renowned universities and faculty members.

4. Alignment with AICTE Guidelines: Adhering to AICTE guidelines, mid semester and end semester exams align with Outcome-based

Education, mapping questions to Course Outcomes and Bloom's Level.

5. Transparency in Evaluation: Evaluated answer scripts are accessible to students desiring review after result declaration.

6. Diverse Exam Modes: Exams for various courses are conducted in different modes, including MCQ-based, Assignment plus Oral, and Pen and Paper, based on the nature of the courses.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://www.tcsion.com/dotcom/TCSSMB/Login/login.html

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

The communication process of Course Outcomes (COs) for all courses to teachers and students is as follows:

At the Department level, Course Outcomes (COs) are formulated. The OBE coordinator within the department, along with course experts, develops the course outcomes for their respective subjects, adhering to the guidelines for crafting course outcomes. The committee engages in thorough discussions regarding the alignment of course outcomes with program outcomes and program-specific outcomes.

The approved COs are then incorporated into the syllabus, which undergoes discussion and approval in the Board of Studies meeting. If necessary, the COs may be adjusted or redefined by the course committee members. Any changes in COs are appropriately reflected in the syllabus, and the final syllabus is prepared.

Teachers, as Board of Studies members, share finalized Course Outcomes (COs) during meetings and orient students on COs at the semester's start, emphasizing their importance in classes.

The Program Outcomes (PO), Program Specific Outcomes (PSO), and Course Outcomes (CO), along with detailed course outlines that include supporting reading material and evaluation criteria for all programs and courses, are articulated and accessible on the institute's website. Specifically, the Program Outcomes and Program Specific Outcomes can be found on the program overview webpage, exemplified by the following link for one department: https://www.niet.co.in/Engineering-college/btech-information-technology.php. Additionally, the syllabus, 'Course Objectives,'

and 'Course Outcomes' for each course are prominently displayed on the program outline webpage.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	**View File**
Upload any additional information	**No File Uploaded**
Link for additional Information	**Nil**

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Direct Assessment and Indirect Assessment methods are employed to gauge the achievements of Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs).

Direct Assessment Methods:

1. **Continuous Assessment:**

COs are evaluated through mid-term examinations, quizzes, sessionals, assignments, projects, mini projects, workshop mode exam, internship and lab records. Each question in quizzes and assignments is mapped against the respective CO.

1. **Rubric-Based Assessment for Labs, Seminars, and Project Work:**
2. **Semester-End Theory Examinations:**
3. **Contribution Assessment:**

Indirect Assessment Methods:

1. **Course End Survey:**
2. **Exit Survey:**
3. **Alumni Survey:**
4. **Employer Survey:**

Measuring CO Attainment:

1. **CO Attainment is measured against a 'benchmark,' initially set at 60% of maximum marks.**
2. **Reference attainment levels are established subject-wise, with levels categorized as Satisfactory, Moderate, and Substantial.**
3. **Target attainment is set, and continuous improvement involves adjusting the target based on successive years.**
4. **The overall CO attainment level is calculated as a weighted sum of direct and indirect CO attainments.**

Measuring PO/PSO Attainment:

1. **Direct PO and PSO assessment is based on CO attainment, while indirect assessment involves stakeholder surveys and feedback.**
2. **Using CO-PO & CO-PSO matrices, POs and PSOs attainment for COs in each course is computed.**
3. **The average of PO attainment in individual courses yields the final direct PO/PSO attainment.**

4. **Indirect assessment tools include feedback and survey questionnaires for all stakeholders, alumni feedback, industrial feedback, and graduate exit feedback.**

Overall PO/PSO attainment is calculated using a rubric, considering both direct and indirect attainments. The formula is: Overall PO/PSO Attainment = 0.8 * Direct Attainment + 0.2 * Indirect Attainment.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	www.niet.co.in

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

1108

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

https://niet.instituteoncloud.com/Survey/ECE/ECE.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The institute has established several measures to foster research, including:

1. **Provision of seed money to faculty through the Innovative Research Scheme.**
2. **Award for the quality publications/research work is given on Founders Day every year.**
3. **Implementation of plagiarism and ethics guidelines applicable to all documents, including papers, synopses, conference proceedings, project reports, and theses/dissertations.**
4. **Establishment of clear norms for sponsoring faculty members to attend conferences, seminars, and training programs.**

5. **Regulations for the degree of doctor of philosophy (PhD) applicable as per ordinances of the affiliating university.**
6. **Separate stock registers to be maintained for each sponsored research project.**
7. **All purchases for research to be first approved/sanctioned by the Director, then mgmt. purchase norms to be followed.**
8. **The institute has the Departmental Research Committee to plan, monitor and address issues of the research work in various disciplines. Departmental Research committee is headed by the HeadR&D.**
9. **The Institute also has a R&D Committee to promote research, maintains the record of research activities in the institute and monitors the various funding agencies website, identifies the call for sponsored project proposals, deadlines etc.**
10. **The financial reward scheme of the Institute promotes quality research publications by the faculty.**
11. **The institute devised policies on IPR, Honorarium/Reimbursement, Research/Consultancy Profile, Monetary Awards for Research (Faculty), Awishkar Bhumi, and Research Promotion and more, submitted to the Board of Management for approval.**

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	**View File**
Provide URL of policy document on promotion of research uploaded on the website	**www.niet.co.in**
Any additional information	**No File Uploaded**

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	**No File Uploaded**
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	**No File Uploaded**
List of teachers receiving grant and details of grant received	**No File Uploaded**
Any additional information	**No File Uploaded**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	**No File Uploaded**
List of teachers and details of their international fellowship(s)	**No File Uploaded**
Any additional information	**No File Uploaded**

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

24741476

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	**View File**
List of projects and grant details	**No File Uploaded**
Any additional information	**No File Uploaded**

3.2.2 - Number of teachers having research projects during the year

22

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	**Nil**
List of research projects during the year	**View File**

3.2.3 - Number of teachers recognised as research guides

16

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	**No File Uploaded**
Institutional data in Prescribed format	**View File**

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

10

File Description	Documents
Supporting document from Funding Agencies	**No File Uploaded**
Paste link to funding agencies' website	**Nil**
Any additional information	**View File**

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

NIET has established a robust Innovation Ecosystem and a dedicated Research, Entrepreneurship, Community Orientation, and Incubation center at Noida Institute of Engineering & Technology (NIET) in Greater Noida, following meticulous planning, collaboration, and execution. Sixteen R&D faculty coordinators have been appointed from each department, endorsed by all Heads of Departments and the Director.

Training sessions were conducted for the Research Faculty coordinators on updating NIET Journal web pages and uploading papers. Additionally, faculty members and students received training on writing research papers, while Heads of Departments were trained on applying for Government Funded Projects with relevant website links provided. NIET has also applied for Government funds totaling 1 crore 7 lakhs to institutions like IIT Bombay, DST, and DSIR.

Moreover, all NIET faculty members were trained on understanding the Impact factor of Journals, writing SCI papers, and using Turnitin Plagiarism Checking software. Efforts were made to establish an MoU between Nokia, India, and NIET Greater Noida for a 5G Training Centre of Excellence. NIET has also published faculty and student research papers in NIET Journal of Engineering & Technology and NIET Journal of Management.

NIET has further enhanced its research and innovation capabilities through dedicated laboratories established in collaboration with industries and research organizations. Notable labs include the Apple iOS Mobile Application Development Lab, Big Data Analytics Lab, Google Cloud Program Lab, Capgemini 5G Lab, and more.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

47

File Description	Documents
Report of the events	No File Uploaded
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	No File Uploaded
Any additional information	No File Uploaded

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

5

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

210

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	No File Uploaded

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

141

File Description	Documents
Upload any additional information	View File

Paste link for additional information	Nil

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

3309

File Description	Documents
Any additional information	**View File**
Bibliometrics of the publications during the year	No File Uploaded

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

40

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	**View File**
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

7300000

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	**View File**
List of consultants and revenue generated by them	No File Uploaded
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

22500669

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	No File Uploaded
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded

List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The college encourages students to participate and organize various programs contributing to societal awareness. Various clubs in the Collegeorganize and promote such activities of students under the guidance of faculty members and DSW. The social outreach programs of the college include conducting awareness programs like Literacy Week Camp, Awareness campaign on literacy, vocational training, hygiene, Women self-reliant awareness, gender discrimination awareness camp, Women Health Awareness and digital solution camp, Prosperous India, Cleanliness & Plantation drive,National Pollution Control Day,Nukkad Natak on Green and Clean Diwali,Obey Traffic Rules - An Awareness Campaign,Training session on "Upcycling Textile waste creating a sustainable environment",Eradicating Violence against Women,Nukkad Natak "Insaaf" Eradicating Violence against Women and Selfdefense practice demonstration,Road Safety Awareness Campaign ,Nukkad Natak "Mehgai" in DTU Youth Festival,Global Recycle Day,Upcycling waste for sustainable environment- an awareness campaign in Goverment School, Tugalpur,Resham (Cloth Donation Drive),Atulya Ganga Team @ Sundar Nursery,Hamari Parampara @PadharoMhareDes,Apni Mati Apna Desh (Oath Taking ceremony),Motivational Camp for self employment and freedom from social abuse against women and Nasha Mukt Bharat Abhiyan.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

3

File Description	Documents
Number of awards for extension activities in during the year	**View File**
e-copy of the award letters	No File Uploaded
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

15

File Description	Documents
Reports of the events organized	No File Uploaded
Any additional information	No File Uploaded

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

880

File Description	Documents
Reports of the events	No File Uploaded
Any additional information	No File Uploaded

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

3

File Description	Documents
Copies of documents highlighting collaboration	**View File**
Any additional information	No File Uploaded

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

41

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	**View File**
Any additional information	No File Uploaded

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

The institute boasts a verdant campus and well-equipped infrastructure whichinclude classrooms, laboratories, seminar halls, studios, smart classrooms with online teaching capabilities (lab cum classroom), a conference hall, central computer center, a student activity center, MOOC Development Center, research lab,

central library, language lab, virtual labs, and workshops. Classrooms and seminar halls are furnished with audio-visual facilities, enhancing the learning experience. The campus is equipped with an internet facility supported by a dedicated leased line, and each department is equipped with computing resources. Additionally, the campus features a playground for football, basketball, and volleyball, a gymnasium, hostels, mess, cafeteria, Xerox, and stationery store, along with an ATM for convenience.The college has Centre of Excellences and state of the art Labs:

1. International Cell
2. School of future skills
3. Advanced Robotics Control Lab
4. Automation Centre of Excellence
5. Big Data System Lab (Dell EMC Academy) Centre of Excellence
6. BMW Skill Next Program
7. Cisco Networking Academy
8. Cloud Computing Lab with Amazon Web Services Centre of Excellence
9. E- Mobility Centre of Excellence
10. IDEA Lab
11. IBM Watson IOT Centre of Excellence
12. Intel AI Academy Centre of Excellence
13. Microsoft Innovation Mercedes-Benz Centre of Excellence
14. Mobile application Development Lab
15. Oracle Workforce Development Program
16. Palo Alto Academy
17. PEGA Centre of Excellence
18. PTC Centre of Excellence
19. Sales force Academy
20. Capgemini AI Lab
21. Capgemini FullStack Lab
22. Capgemini 5G
23. UiPath Academic Alliance Centre of Excellence
24. VMware Centre of Excellence
25. Capgemini PLM Lab
26. DLT Lab
27. Design Thinking Lab
28. AR/VR Lab
29. Center
30. Apple iOS Mobile Application Development Lab
31. IoT Lab
32. Virtusa lab

File Description	Documents
Upload any additional information	**View File**
Paste link for additional information	Nil

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

The college excels in infrastructure with top-notch sports, cultural, and wellness facilities. It includes modern indoor and

outdoor sports amenitiessuch as basketball courts, badminton courts, volleyball courts, a football ground, cricket ground, table tennis room, carom-board and chess room, and an indoor badminton court, promoting physical fitness.Recognizing the importance of mental fitness in maintaining a balanced Emotional Quotient (EQ), the college has a cutting-edge Yoga and Meditation center, along with a world-class Gymnasium on the campus.

The college actively participates in sports with its own teams for cricket, football, volleyball, badminton, table tennis, and other sports. These teams have achieved numerous accolades at various District/State/National/International levels over the years. The campus is equipped with an auditorium that serves as a venue for organizing cultural events and promoting student cultural activities - Itikai to Ikigai, Unsung freedom fighters, Jetsetters: Virtual Heritage Walk, Syaahi - An Essay and Poem Writing Competition, Capturing freedom: Megapixels Photography Competition. NIET hosts annual events such as the Technical & Sports Fest Ebullience, Musical Fest - Antardhwani, Dance event - Ojas, jagmag,and Creative event - Kalakriti Wall, Navratri celebration, garba night.

College events foster nationwide student participation in cultural competitions including dance, poetry, drama, singing, arts and crafts, and painting.The student council organizes festivals like Diwali Mela, cherished by students. A DSW and Students Development Cell coordinates extracurricular activities annually.

File Description	Documents
Geotagged pictures	**View File**
Upload any additional information	**View File**
Paste link for additional information	Nil

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

147

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	**View File**

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

39631249

File Description	Documents
Upload audited utilization statements	No File Uploaded
Details of Expenditure, excluding salary, during the years	**View File**

Any additional information	**No File Uploaded**

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The library serves as the lifeline of any educational institution, and our college benefits from a robust and continually expanding library system. Our central library includes a dedicated digital library wing and a spacious reading room. Additionally, each department within the college houses its own well-equipped library. Emphasizing interdisciplinary research and academic growth, students from all branches have access to any of the college's libraries for their educational needs.

All college libraries are equipped with Wi-Fi and LAN facilities. The reading room features computer systems for accessing the library's e-subscriptions, and scanning and printing services are available through high-speed laser jet network-based printers.

Collectively, the college libraries house a wealth of resources, including over 137,704 books, the Nalanda e-consortium with 6,000+ e-books, and subscriptions to 3,200+ national and international journals. Our library management system, integrated by eScope, efficiently maintains the circulation of these resources, managing tasks such as book circulation, cataloging, OPAC, and Patron Management.

Regular upgrades ensure that the libraries stay current with the latest books, journals, and information relevant to academic and research needs. The library advisory committee providing recommendations to enhance the library's stock with pertinent materials.

Our libraries also offer a diverse range of resources, including E-Content, a News Paper Corner, Competitive Exam Books, Back Volumes, Theses, Biographies, Magazines, Journals, and access to iThenticate/Turnitin for plagiarism detection.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources	**A. Any 4 or more of the above**

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	**View File**
Upload any additional information	**No File Uploaded**

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

3760140

File Description	Documents
Audited statements of accounts	**View File**
Any additional information	**View File**
Details of annual expenditure for purchase of books/e-books and journals/e-journals during the year (Data Template)	**View File**

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

170

File Description	Documents
Upload details of library usage by teachers and students	**View File**
Any additional information	**No File Uploaded**

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The Institute has an IT policy covering all major areas like Wi-Fi, cyber security etc. which is updated or amended whenever required as per the need of the institute. Institution tries to have upgradation IT facilities as per the requirement by regulatory norms as well as industry. Institution is regularly upgrading its infrastructure covering Wi-Fi, cyber security, software upgradation, erp system, ICT enabled teaching learning.The acceptable use policies are applicable to Employees, Students, Vendors and Visitors. Institutes have framed various policies like Procurement, Installation of Hardware, Network and software. Website Hosting and Database Usage policy has its method and hierarchy which is followed systematically. Certain violations of IT policy by any member may even result in disciplinary action against the offender by institution authorities.

Institution provides 3 to 5 % of the annual budget for upgradation of IT facilities which are audited as per the balance sheet and changes in the system as follows:

The campus boasts a 2Gbps internet bandwidth with two 1Gbps lines, enabling seamless Wi-Fi access in the campus and hostels. Annual upgrades to Wi-Fi routers ensure high-configured facilities for students and faculty to enhance project and research activities. The institute prioritizes cybersecurity with regular investments in firewall upgrades. Comprehensive CCTV coverage spans the campus and

hostels, enhancing overall security. A state-of-the-art digital studio, equipped with advanced multimedia devices, high-end systems, sound mixers, video cameras, and smartboards, was recently developed, showcasing the commitment to cutting-edge technology for educational and creative endeavours.

File Description	Documents
Upload any additional information	**View File**
Paste link for additional information	**Nil**

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
7006	**3382**

File Description	Documents
Upload any additional information	**No File Uploaded**

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. ≥50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	**No File Uploaded**
Upload any additional information	**No File Uploaded**

4.3.4 - Institution has facilities for e-content development:
Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

A. All four of the above

File Description	Documents
Upload any additional information	**View File**
Paste link for additional information	**Nil**
List of facilities for e-content development (Data Template)	**No File Uploaded**

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

157452962

File Description	Documents
Audited statements of accounts	**View File**

Upload any additional information	**No File Uploaded**

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

NIET has a well-framed infrastructure policy for proper maintenance and utilization of the physical, academic and support facilities. The responsibility for provisioning and maintaining infrastructure is jointly shared by different authorities of the Institution, under the overall leadership of the College Director.

Complaint registers for various services are meticulously kept in academic and hostel buildings. Minor tasks are handled by hired labor. Major maintenance operates under the Annual Maintenance Contract (AMC) System. Laboratory upkeep is managed by lab in-charges and technical staff. Utilization reports are maintained by respective authorities. Advanced equipment undergoes AMC-based maintenance, managed by internal staff and service providers. AMC service procurement involves a well-established purchasing mechanism overseen by the Central Purchase Committee.

Each laboratory, overseen by a Lab Assistant and attendant, is maintained and upgraded by lab in-charges to align with curriculum changes. Yearly stock verification and preventive maintenance are conducted, with lab staff monitoring equipment use and records. The Central Library, managed by the Librarian and dedicated staff, ensures MIS, digital resources, reference sections, and book issuing are well-maintained. Fire safety equipment follows SOPs, while sports facilities and IT resources are consistently upheld by designated officers and coordinators. SOPs govern all facilities, managed by section incharges and HoDs, ensuring classrooms, laboratories, and computer centers adhere to maintenance and utilization standards. Cleanliness is closely monitored by supervisors, HODs, and coordinators.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1463

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	**View File**

Upload any additional information	No File Uploaded

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

256

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	**View File**

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology	A. All of the above

File Description	Documents
Link to Institutional website	**https://www.niet.co.in/events.php**
Details of capability development and schemes	**View File**
Any additional information	No File Uploaded

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

400

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	**View File**

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees	A. All of the above

File Description	Documents

Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	**No File Uploaded**
Details of student grievances including sexual harassment and ragging cases	**No File Uploaded**
Upload any additional information	**No File Uploaded**

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

1427

File Description	Documents
Self-attested list of students placed	**View File**
Upload any additional information	**No File Uploaded**

5.2.2 - Number of outgoing students progressing to higher education

26

File Description	Documents
Upload supporting data for students/alumni	**No File Uploaded**
Details of students who went for higher education	**View File**
Any additional information	**No File Uploaded**

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

13

File Description	Documents
Upload supporting data for students/alumni	**View File**
Any additional information	**No File Uploaded**

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

63

File Description	Documents
e-copies of award letters and certificates	**View File**
Any additional information	**No File Uploaded**

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The institute has established a Student Welfare Committee (SWC) under the leadership of the Dean of Students Welfare, serving as a platform for students to express their opinions, suggestions, complaints, and demands for their personal and institutional betterment. The SWC operates as a non-profitable, apolitical welfare association created by and for the students of NIET. It encompasses various clubs that organize co-curricular and extra-curricular activities within the institute. These activities, spanning technical, literary, sports, and cultural realms, contribute to boosting confidence, fostering self-belief, promoting teamwork, and instilling a strong sense of achievement.

The Student Welfare Committee includes the Dean of Student Welfare, the Associate Dean (SW), and one faculty coordinator (SW) from each department. NIET boasts a robust student council, with students actively participating in different college bodies to enhance governance and management.

The Dean of Student Welfare (DSW) serves as the main governing body for all student clubs at NIET. The primary objectives of the DSW are to register student clubs, support clubs in organizing events and activities, encourage student interaction and involvement, and allocate funds to registered clubs. The Student Welfare Committee is comprised of the Dean of Student Welfare, the Associate Dean (SW), and one faculty coordinator (SW) from each department.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

5.3.3 - Number of sports and cultural events / competitions organised by the institution

246

File Description	Documents
Report of the event	No File Uploaded
List of sports and cultural events / competitions organised per year	**View File**
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

NIET is a registered Alumni Association, established on 15/11/2021at The Registrar of Society, Meerut, U.P. It holds Registration No: GBN/09442/2021-2022 under the Societies

Registration Act 1860.It emphasizes connections with alumni, fostering links among alumni, staff, and students.

1. **Book Donation:** Alumni make contributions by donating books.
2. **Alumni Interaction:** NIET alumni engage with aspiring graduates, participating as resource persons in various events, guest lectures, and panel discussions. They share insights into skills, recent technologies, trends in the corporate world, the practical application of knowledge, and corporate working culture.
3. **Placement & Career Guidance Assistance:** Alumni, occupying various roles in organizations, keep the faculty and placement officers informed about available job opportunities. They provide assistance and guidance to students for successful interview performances, sharing their experiences and motivating them for career development in diverse domains.
4. **Campus Recruiters:** Alumni return to campus as recruiters for their companies and actively recommend and promote NIET to their employers for campus placements.
5. **Summer Internship Opportunities:** Recognizing internships as a vital part of the curriculum, alumni offer numerous internship opportunities in various companies to the students.
6. **Entrepreneurship Awareness:** Several alumni have initiated startups across different sectors, many of them being first-generation entrepreneurs. Having decided to embark on entrepreneurial journeys during their academic tenure at NIET, they share valuable insights, success stories, and challenges faced, enlightening students about entrepreneurship.
7. The alumni help in organizing industrial visits, interactions etc.

The alumni are involved in curriculum development and are helping in strengthening industry interaction.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

5.4.2 - Alumni's financial contribution during the year	E. <2 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

NIET is a premier Engineering and Management institute in NCR, founded by the City Educational & Social Welfare Society of Meerut. Driven by a vision for globally relevant education, it is managed

by the same society overseeing esteemed educational and healthcare organizations. Operating on a self-financed model, NIET offers high-quality education in Greater Noida, a hub for multinational corporations, on a sprawling 13.90-acre campus amidst lush greenery.

The administration of the Institute is led by the Director, supported by other faculty members who assume significant administrative and academic responsibilities. The roles and duties of each individual are clearly defined, and this information is readily accessible on the Institute's website.

Teachers actively engage in decision-making bodies within the institution, such as the Internal Quality Assurance Committee, Academic Council, Academic Development Cell, Board of Studies, Research Committee, Proctorial Board, Internal Audit Committee, Industry-Institute-Interaction Cell, Library Advisory Committee, Women Guidance, Grievances and Redressal Committee, Girls Grievance Cell, Students Grievances Cell, Discipline Committee, Central Purchase Committee, Anti-Ragging Committee (in accordance with the guidelines of the Honorable Supreme Court of India), Internal Complaint Committee (ICC) for Women (Students & Staff) addressing sexual harassment at the workplace, Hostel Admission Committee, etc.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://www.niet.co.in/about-mission-vision.php

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

The Heads of Departments (HoDs), Proctors, and Deans are assigned well-defined responsibilities. Class Coordinators are empowered to facilitate decentralization in various processes, including monitoring attendance records, managing student leaves, handling the forwarding of documents and applications from students, and ultimately forwarding examination forms.

To support each initiative led by the Internal Quality Assurance Cell (IQAC), specific coordinators are designated at the department level. These coordinators oversee various activities such as:

The OBE coordinator supervises activities related to the attainment of Course Outcomes (COs) through direct and indirect assessment, the development of rubrics, computation of Program Outcomes (POs)/Program Educational Objectives (PEOs), target setting, corrective actions, gap analysis, and question paper analysis based on Bloom's Taxonomy.

Coordinators for remedial/bridge classes, web management, departmental e-newsletter, alumni interaction enhancement, and plagiarism administration have clearly defined responsibilities.

NIET adopts best practices in accrual-based accounting, ensuring excellent and transparent financial administration. The leadership at NIET places a strong emphasis on transparency and encourages maximum participation at every level. All interested faculty members are invited to contribute directly to the administration at the department and university levels. Faculty members can associate themselves without prejudice with various administrative offices, including academics, research, international collaborations, internships, training and placements, sports, alumni relations, e-cell, incubation center, etc., enhancing their overall experience.

File Description	Documents
Upload strategic plan and deployment documents on the website	No File Uploaded
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The Institute has devised a strategic plan to uphold the vision and mission at both academic and administrative levels. The Board of Governors has sanctioned these plans and consistently oversees their effective implementation and progress, ensuring the delivery of quality education.

The Institute's Perspective Plan, outlining development goals up to 2025, undergoes continuous monitoring by the Board of Governors and the state government through review meetings. Well-defined targets are established for various activities, encompassing goals such as achieving Accreditation Status, faculty recruitment, academic reforms, academic improvement projections, student progression targets, allocation of development funds for IT and other learning infrastructure, laboratories and innovations, research and development, faculty knowledge enhancement, student activities, strengthening of technical and internal support systems, provision of student support, alumni engagement, industry interaction, and internationalization.

To ensure the effective implementation of the National Education Policy (NEP-2020), clear annual projections and numeric goals have been strategically planned.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules,

procedures, etc.

The Board of Management, led by the Chairman, oversees the comprehensive planning and development of the institution, while the local execution is directed by the Director. The day-to-day administrative operations of the college are handled by the Executive Board of Management, with support from the Administrative Committee comprising experienced faculty members.

The Director serves as the administrative head of the institution, undertaking responsibilities related to administration, appointments, and infrastructure.

The Board of Governors ensures the establishment and monitoring of effective and efficient control systems to uphold accountability and achieve Outcome-Based Quality Education in alignment with the institute's vision.

The day-to-day administrative affairs of the college are overseen by the Director through a decentralized system, ensuring the proper conduct of academic, research, development, and extension activities.

Administrative responsibilities are distributed among key roles, including the Dean Administration, Dean-Students Welfare, Registrar, Exam Controller, Proctor, Heads of the Department, Deputy Registrar, and Finance Officer.

Within the decentralized mechanism of the institute, faculty members are assigned coordinator/in-charge/member roles based on their abilities, choices, and interests, promoting empowerment and one-to-one interaction with stakeholders.

To facilitate effective functioning across various spheres, organizational charts and committees, including those for anti-ragging and grievance redressal, have been established for power delegation and decentralization of authority.

The Board of Governors and management plays a crucial role in the institute's growth, both in terms of quality and quantity, through regular meetings and visits to the institute.

File Description	Documents
Paste link to Organogram on the institution webpage	Nil
Upload any additional information	**View File**
Paste link for additional Information	https://www.niet.co.in/privacy-policy.php,https://www.niet.co.in/gender-policy.php

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	**View File**
Screen shots of user interfaces	**View File**
Details of implementation of e-governance in areas of operation	No File Uploaded
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The welfare measures for the teaching and non-teaching staff are successfully implemented in the Institution, the following benefits are given to the teaching and non-teaching staff:

1. MATERNITY LEAVE
2. VARIOUS KINDS OF LEAVE
3. Registration Fee attending the Conferences
4. Vehicle Allowance
5. Gratuity
6. Mobile
7. Laptop
8. PF
9. Housing Facility
10. BIRTHDAY GIFT CHEQUE
11. MEDICLAIM
12. CLASS III & IV EDUCATION SPONSOR
13. RESEARCH INCENTIVE
14. CONSULTANCY SHARE
15. OD
16. REIMBURSEMENT OF PROFESSION MEMBERSHIP
17. FDP/TRAINING/SKILL DEVELOPMENT REIMBURSEMENT
18. FAMILY TRIP WITH TEACHING/NONTECHING
19. EL encashment
20. Promotions/upgradation/career advancement etc as per institute norms
21. The teaching/non-teaching staff are given appreciation letters & Awards for outstanding performance in teaching, research and administration.
22. Financial assistance to conduct In-house faculty & staff development programme.
23. Conduction of FDP/STTP/workshops/training programmes on emerging areas
24. Conduction of Induction programmes for the newly recruited faculty & staff.
25. Grievance Redressal Cell to address the issues and grievances of the faculty & staff.
26. Gymnasium, Sports & Games facility

27. Group Insurance Scheme for teaching and non-teaching staff.
28. Free health check-up camps, Medical Dispensary

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

5

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

16

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

177

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The institution conducts regular internal and external audits of financial transactions each year to ensure financial compliance. The internal audit, performed semi-annually by the institution's

internal financial committee, meticulously examines income and expenditure details. The compliance report of the internal audit is then submitted to the institution's management through the Account Officer. External audits, conducted annually by an external agency, further contribute to ensuring financial accountability.

To monitor the effective and efficient use of financial resources, the Director propose budget allocations before the start of each financial year. These proposals, taking into account departmental recommendations, are submitted to the Finance Office. The college budget encompasses recurring expenses such as salaries, utilities, maintenance, library, stationery, and non-recurring expenses including lab equipment purchases and development costs. The Accounts Department monitors expenses in accordance with the allocated budget.

The internal audit process involves the thorough examination of all vouchers by the internal financial committee biannually. Each expense category undergoes meticulous scrutiny by verifying bills and vouchers. Any discrepancies discovered are promptly reported to the Finance Officer, maintaining a consistent process over the last five years.

External audits are conducted by chartered accountants regularly in compliance with government rules. The auditor ensures that all payments are duly authorized. Following the audit, a comprehensive report is sent to the management for review. Immediate attention is given to any queries during the audit process, along with the submission of supporting documents within the prescribed time limits.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

NIL

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	No File Uploaded
Any additional information	No File Uploaded

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Institution employs structured strategies involving committees, department heads, and Accounts office for fund mobilization and

resource optimization. Specific rules govern usage and allocation.

Mobilization of Funds:

Student tuition fees are the main income source. Need-based loans aid colleges. Events secure government and non-government sponsorships. Alumni fundraise for items. Sponsorships from individuals and corporations support cultural events.

Utilization of Funds:

Funds are overseen by a finance committee, ensuring optimal utilization for recurring and non-recurring expenses. The purchase committee assesses quotations based on pricing, quality, and terms. The principal, along with committees and the accounts department, ensures expenditures align with the budget, seeking management intervention if necessary.

Resource Mobilization Policy and Procedure:

Before the financial year begins, the Director, Director General and heads of departments prepare the college budget.

The institutional budget covers recurring and planned expenses. Top management and the Governing Council approve it. Departments monitor expenses, and auditors certify financial statements and grants annually.

Optimal Utilization of Resources:

The college promotes research, development, consultancy, and related activities involving faculty at various levels.

Faculty receiving substantial grants for R&D or infrastructure improvement are encouraged and commended.

Travel grants may be sanctioned for faculty to present research papers or attend conferences, depending on fund availability.

Adequate and qualified lab technicians and system administrators ensure effective utilization of infrastructure.

Innovative teaching-learning practices are encouraged for optimal resource utilization.

The physical infrastructure is utilized beyond regular hours for remedial classes, co-curricular/extra-curricular activities, parent-teacher meetings, and as an examination center.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The IQAC's primary goal is to uphold high-quality standards in Science, Engineering, Technology, and Management. It focuses on improving curriculum, faculty, teaching-learning, infrastructure, research, placement, accreditation, and extracurricular activities.

Post 2nd NAAC cycle, institute adopted quality measures, resulting in improved standards and NBA accreditation for undergrad programs, started collaboration and twinning programmes approved by AICTE, Programs for working professionals, conducted may national / international events like SIH, Innovators challenge, event under the umbrella of School of design thinking and IDEA lab.

IQAC meets each semester to set department goals, review past achievements, and create action plans for quality improvements, monitoring progress regularly.

Three institutionalized best practices within the institution over the last five years are outlined below:

Internal Quality Audit System:

To maintain an effective teaching-learning process, the College conducts semester-wise internal quality reviews, ensuring alignment with policies, objectives, and regulatory requirements. The review assesses key elements such as curriculum, assessments, student-centric activities, counseling, and grievance redressal. Non-compliance is addressed through corrective actions, reviewed in committee meetings for effectiveness.

Learning Resource Centre:

A school-level committee forms a Resource Centre, storing course-specific materials in Moodle, such as files, study materials, lectures, quizzes, and syllabi. Faculty promotes student participation in MOOCs and NPTEL.

Academic Integrity:

Academic integrity is a crucial ethical policy in education. The college emphasizes alignment with such principles, guiding faculty and students in maintaining integrity in teaching, learning, and research, particularly focusing on plagiarism.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies

of operation and learning outcomes at periodic intervals through its IQAC as per norms

The institute reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities. The IQAC has focused on strengthening Core Competency of students through Technical Skill

development activities in association with Industries. There has been a considerable improvement in the technical skills of the students, which is evidence through excellent academic results in university examinations, improved performance in campus placements, increase in number of students qualifying in competitive exams for higher education, winning awards in state/national level competitions at premier institutions, student ideas converted into startups.

Faculty Evaluation System:

The IQAC conducts an annual appraisal of the performance of newly recruited faculty, utilizing students' feedback on their teaching skills and employed strategies. Additionally, peer group appraisal assesses interpersonal skills, participation, and contributions to institutional development. Faculty members at other levels undergo student evaluations once every three years. The feedback collection process and analysis mechanism are computerized for the convenience of the appraisal system. A faculty appraisal report, including performance scores, is generated after analyzing the feedback against standard benchmarks. This report is then submitted to the Principal for review. The Principal discusses the results with each faculty member individually, providing suggestions for enhancing teaching quality. The faculty-evaluation process contributes significantly to the ongoing professional development of teachers.

Mechanism adopted for weekly monitoring of the Attendance of the students and performance.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

| 6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and | A. Any 4 or all of the above |

used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

File Description	Documents
Paste the web link of annual reports of the Institution	**https://www.niet.co.in/iqac.php**
Upload e-copies of accreditations and certification	**View File**
Upload details of quality assurance initiatives of the institution	**No File Uploaded**
Upload any additional information	**View File**

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Our institution actively promotes gender equity, fostering inclusivity and support. Initiatives aim to provide equal opportunities and eliminate gender-based disparities.

Gender Sensitization Workshops: The institution hosted gender sensitization workshops, fostering awareness and open discussions on gender-related issues. A women empowerment cell organizes programs, addressing self-reliance, gender discrimination, women's health, and digital solutions regularly.

Support Systems for Women: The college's HR policy includes provisions for maternity leave to faculty and staff members. College provide half day facility also.

Promoting Women in Leadership Roles: The institution actively encourages and supports the participation of women in leadership roles. Efforts have been made to identify and address any barriers to the professional advancement of women. Women hold key leadership roles and decision-making positions across the college, from the chairperson and AMD to deans, HODs, deputy HODs, associate deans, and IQAC coordinator.

Campus Safety Measures: A proctorial board, security protocols, and support systems are in place. Women have dedicated hostel facilities, separate wardens, and CCTV surveillance. Exclusive gymnasium slots ensure security. Programs and seminars empower female students, encouraging them to utilize the women's empowerment and grievance cell for concerns.

Counselling: College has a strong women's grievance cell with faculty participation. A mentor-mentee system aids student

counseling. Gender equality education is promoted through cultural events and seminars. International Women's Day is celebrated.

Common Room: The college provides a spacious, well-ventilated, and clean common room exclusively for female students. Separate toilet facilities are available for women.

File Description	Documents
Upload any additional information	**View File**
Paste link for additional Information	Nil

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	**View File**
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Energy Conservation:

Buildings prioritize sunlight exposure and air circulation. The Green Gold Club promotes energy conservation. Placards encourage lights and fans off. Total Quality Management on campus incentivizes green technologies. Activities including poster-making competitions, seminars, workshops and expert talks, foster eco-friendly policies.

NIET's environmental initiatives include:

Events conducted like Van Mahotsav (Plantation Drive), Nukkad Natak on Green and Clean Diwali, Heritage Walk, Training session on "Upcycling Textile waste creating a sustainable environment", Nature Walk of The Garden of Five Senses, Upcycling waste for sustainable environment- an awareness campaign in Goverment School, Tugalpur, celebrated Earth Day as awareness prog for students, Awarenes Poster Campaign on World Environment Day, Harit Swantrata Saptah Freedom from Pollution and global warming awareness.The installation of bio-compost machines on campus for daily waste management.

The primary focus is to reduce, reuse and recycle the waste. For solid waste management different bins have been placed at different departments. This ensures that solid waste segregated at the source.

The institute implements various measures to conserve energy, as outlined in the table below:

1. LED lights and daylight saving for lighting.
2. Star-rated appliances, turning off unused electronics.
3. Physical water purification methods.
4. Induction and solar cooking, reducing LPG use.
5. Lab equipment maintenance and guidelines.
6. Computer labs with energy-saving practices.
7. Transportation encourages carpooling and CNG.
8. Sports equipment with strict measures and trained staff.
9. Skilled personnel for construction to minimize energy waste.
10. Expert-supervised water pumping with conservation and recycling techniques.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	View File
Any other relevant information	No File Uploaded

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

A. Any 4 or All of the above

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded

Any other relevant documents	**No File Uploaded**

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	**C. Any 2 of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	**No File Uploaded**
Certification by the auditing agency	**No File Uploaded**
Certificates of the awards received	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	**A. Any 4 or all of the above**

File Description	Documents
Geotagged photographs / videos of facilities	**View File**
Policy documents and brochures on the support to be provided	**No File Uploaded**
Details of the software procured for providing assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

To cultivate a generation of young individuals characterized by their noble attitudes and moral responsibility, the college actively organizes and executes a range of activities designed to foster an environment rich in ethical, cultural, and spiritual values among both students and staff.

Curriculum integrates Constitution of India and Cyber Law Ethics for ethical values.

The college commemorates significant days like Women's Day, Teachers Day, Yoga Day, Har Ghar Tiranga Campaign , Engineers Day, Children's Day and International Children's Day, Cancer Day, and AIDS Day, National Pollution Control Day , Global Recycle Day , National Sparrow Day , Republic Day, National Voter's Day, World water Day, Earth Day alongside celebrating regional festivals such as Diwali, Dusherah(Navratra) and Holi. These events foster positive interactions among individuals from diverse racial and cultural backgrounds.

Dedicated cells, including the Grievance Redressal Cell and Women's Security Cell, work towards social protection, promoting tolerance and harmony, reducing vulnerability, building human capital, empowering women and girls, and fostering cultural and regional inclusion.

The institute hosts the "Khushiya Baaton Club" and the "Hope in Darkness (HID) Club," both of which organize a range of activities, including plays, skits, competitions, and invited lectures. These events are designed to educate students, fostering an understanding of their social responsibilities and the potential implications of their actions.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

NIET builds a strong academic foundation and shapes responsible citizens. Apart from legal education, it fosters unity, promoting India's "Unity in Diversity."

The college ensures enthusiastic student participation in these activities and has exerted considerable effort to enhance awareness and instill appropriate practices in the following areas:

National Identities and Symbols: The college takes both direct and indirect measures to raise awareness about various national identities and symbols. The prominent display of the Indian Tri-colour at the main entrance emphasizes a "nation first" policy.

Grand celebrations mark events like Independence Day, Republic Day, and Constitution Day, with annual pledges taken by both faculty and students to uphold constitutional values.

Fundamental Duties and Rights of Indian Citizens: Faculty from various departments organize a range of academic and co-curricular activities to propagate the fundamental duties and rights of Indian citizens. Students actively engage in programs such as seminars, conferences, expert talks, poster-making competitions, and annual competitions on contemporary legal issues. Legal aid and awareness camps are also organized to deepen awareness on such matters.

Constitutional Obligations: NIET conducts student-centric activities like paper, poster, and essay competitions showcased at the annual Synergy event. These initiatives witness significant student participation and contribute to heightened awareness regarding various facets of Indian citizenship.

Mandatory Committees: All mandatory committees, including the Anti-Ragging Cell, Grievance Redressal, and Anti-Sexual Harassment Cell, are active and operational, underscoring the institute's commitment to ensuring a safe and conducive learning environment.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	No File Uploaded
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized	A. All of the above

File Description	Documents
Code of Ethics - policy document	**View File**
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	No File Uploaded
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative

days, events and festivals

To cultivate a harmonious and positive work environment while instilling a sense of national pride and cultural heritage among learners, the institute consistently celebrates and observes various National and International commemorative days. Each year, the institute joyously marks National Festivals such as Independence Day on August 15th and Republic Day on January 26th. The national tricolor is hoisted in the campus, accompanied by the singing of the National Anthem. During these ceremonies, the AMD, EVP, and Director of NIET deliver messages related to Independence and Republic Day, and academic awards are distributed to deserving recipients.

Other significant occasions, including Teachers' Day on September 5th, Vishwakarma Puja, Engineers Day, Constitution Day, Vigilance Day, as well as cultural programs, are celebrated both at the departmental and college levels. Traditional festivals like Navratri, Garba nights , Diwali, Holi, and Karwa Chauth are also embraced. Founders' Day is a yearly celebration on October 17th, and recognizing its importance in value-based learning, the institute dedicates substantial efforts to observe national and international days, events, and festivals annually. These include India Startup Day, National Innovation Day, National Education Day, National Pollution Control Day, National Energy Conservation Day, National Science Day, Yoga Day, Teachers' Day, Women's Day, Doctors' Day, AIDS Day, National Pollution Control Day , Global Recycle Day , National Sparrow Day , Republic Day, National Voter's Day, World water Day Swachhata Pakhwada, and National Environment Day.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	No File Uploaded
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Title of the Practice

  1. Inclusive and Innovative Pedagogy
  2. Research and Innovation Ecosystem
  3. Integration of Coursera and Infosys spring board as an Academic Component
  4. Skill Development Program under Pyramid Finishing School
  5. NIET TECHNOLOGY BUSINESS INCUBATOR
  6. M-tutor-Digital Learning Partner
  7. State of the Art Studio Room for e-Content Development

Objectives of the Practice:

1. **Enhancing Student Engagement**
2. **Fostering a Culture of Research and Innovation**
3. **To bring flexible, affordable, job-relevant online learning opportunities to individuals and organizations. Students are provided with a wide range of learning options, from hands-on projects and courses to job-ready certificates and degree programs.**
4. **Provide innovative learning through unique course offerings, training students according to industry requirements, ensuring a 360-degree improvement in areas such as soft skills, life skills, technical skills, and etiquettes. The program exposes students to time management, teamwork, and project management.**
5. **Established in 2016, the NIET Technology Business Incubator aims to provide financial assistance and support for start-ups and MSMEs. The incubator assists innovators in business planning, mentoring, team recruitment, technology commercialization, product development, seed funding, global partnerships, intellectual property advice, and training and development.**
6. **Collaborate with M-Tutor to transform every learner into an exceptional technocrat capable of meeting global challenges. The objective is to elevate learners' lives and contribute to building a better society through digital tutorials.**
7. **Develop a state-of-the-art studio room dedicated to creating e-content for Open and Distance Learning (ODL).**

File Description	Documents
Best practices in the Institutional website	**niet.co.in**
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

*NIET holds the 101-150 band PAN-India ranking in the field of Engineering Discipline according to the NIRF Ranking 2023.

*NIET secured a position in the rank band of 101-150 in institute innovation ranking.

*Currently all the eligible programs i.e. B.Tech in EC, ME, IT , BT, CSE and two PG programs in MBA & MCA are NBA accredited.

*The institution has achieved an A Rank from NAAC during its second accreditation, valid until December 31, 2025.

*Grants for research, innovation, and FDP/STTP have been received from AICTE, UP CST, AKTU, EAI and AICTE MODROB.

*NIET was awarded a Diamond rating by QS I GAUGE in 2020.

*The institution attained Autonomy from the University Grants Commission in 2020.

*A 10-year approval from AICTE has been granted to the institution.

* In 2023, institute has received approval for collaboration and twinning program in B.Tech.(CSE, IT, CSE(AI),CSE(AIML), MBA,MCA) from AICTE.

* Institute has received the approval to start B.Tech. and M.Tech program for working professionals.

* Institute is working on 21st century skills of the students by starting a school of future skill.

* Institute Provide credit based courses (Coursera & Infosys courses springboard) free of cost for students and faculties.

*The institute provides minor specialization courses in addition to the main disciplines.

* The institute has organized national/international events like Hackathon, Design Thinking Challenge SEGUE under School of future Skills , Inventors Challenge etc.

* The institute received Best Innovation Poster Award in IIC Regional Meet 2023.

File Description	Documents
Appropriate link in the institutional website	Nil
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

1. To become a degree granting autonomous institute
2. Applying to NAAC for the next cycle of accreditation
3. NBA Accreditation of all eligible under graduate programs.
4. Skill development programs under school of future skill
5. Skill development programs under IDEA Lab
6. Skilled Based education for better employment
7. Organizing IEEE Conference and other reputed series of conferences.
8. Branding & offering NIET-MOOCs to other Institutes
9. Development of Virtual Reality Labs
10. Facility for up skilling of working professionals/ corporate training programmes
11. Strengthening collaboration with foreign universities
12. Students exchange program under Collaboration & twinning program