



## YEARLY STATUS REPORT - 2020-2021

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1.Name of the Institution</b>	The National Institute of Engineering
• Name of the Head of the institution	Dr. N V Raghavendra
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	08214004992
• Alternate phone No.	08212480475
• Mobile No. (Principal)	9845524956
• Registered e-mail ID (Principal)	principal@nie.ac.in
• Address	The National Institute of Engineering
• City/Town	Mysore
• State/UT	Karnataka
• Pin Code	570008
<b>2.Institutional status</b>	
• Autonomous Status (Provide the date of conferment of Autonomy)	20/12/2007
• Type of Institution	Co-education
• Location	Urban

• Financial Status	Grants-in aid				
• Name of the IQAC Co-ordinator/Director	Dr. Likith Kumar M V				
• Phone No.	08214004992				
• Mobile No:	9986357947				
• IQAC e-mail ID	iqac@nie.ac.in				
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="https://nie.ac.in/wp-content/uploads/2020/12/AQAR-19-20.pdf">https://nie.ac.in/wp-content/uploads/2020/12/AQAR-19-20.pdf</a>				
<b>4.Was the Academic Calendar prepared for that year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://nie.ac.in/academics/">https://nie.ac.in/academics/</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	2.86	2020	14/02/2020	13/02/2025
<b>6.Date of Establishment of IQAC</b>			12/10/2012		
<b>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.)?</b>					

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Electrical & Electronics Engineering - Dr. H Pradeep	DST - FIST	GOI	05/03/2021	96,00,000
Chemistry - Dr. Sangamesh	VGST	GOK	26/08/2021	3,00,000
Chemistry - Dr. Nithin K S	Nil	Central Silk Board	02/07/2021	22,80,000
Chemistry - Dr. Nithin K S	Nil	Central Silk Board	02/02/2021	17,92,000

#### 8. Provide details regarding the composition of the IQAC:

<ul style="list-style-type: none"> <li>Upload the latest notification regarding the composition of the IQAC by the HEI</li> </ul>	<a href="#">View File</a>	
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#### 9. No. of IQAC meetings held during the year

2

<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?</li> </ul>	<b>Yes</b>
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<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded
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#### 10. Did IQAC receive funding from any funding agency to support its activities during the year?

No

<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>	
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#### 11. Significant contributions made by IQAC during the current year (maximum five bullets)

Moodle is introduced for all teaching, learning, and academic activities.	
Academic & Administrative audit conducted for all the programmes by External Peer Team from IITs and NITs	
Awareness and orientation programmes conducted for Teaching faculty members, Non-teaching staff, and students	
Initiative to Introduce new Value-Added courses and Skill Development courses	
<b>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:</b>	
Plan of Action	Achievements/Outcomes
NBA Accreditation	4 Programme are accredited by NBA during the year
Industrial Collaboration	4 new MoUs were signed during the year
Enhanced Usage of MOODLE	MOODLE is made compulsory for alternative assessment/part of CIE evaluation
Project based Learning	Courses were identified and project based learning implemented effectively
<b>13. Was the AQAR placed before the statutory body?</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name of the statutory body	Date of meeting(s)
Academic Council, NIE	25/03/2022
<b>14. Was the institutional data submitted to AISHE ?</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>Year</li> </ul>	

Year	Date of Submission
31/12/2021	31/01/2022
<b>Extended Profile</b>	
<b>1.Programme</b>	
1.1 Number of programmes offered during the year:	<b>19</b>
<b>File Description</b>	<b>Documents</b>
Institutional Data in Prescribed Format	<a href="#">View File</a>
<b>2.Student</b>	
2.1 Total number of students during the year:	<b>3952</b>
<b>File Description</b>	<b>Documents</b>
Institutional data in Prescribed format	<a href="#">View File</a>
2.2 Number of outgoing / final year students during the year:	<b>1044</b>
<b>File Description</b>	<b>Documents</b>
Institutional Data in Prescribed Format	<a href="#">View File</a>
2.3 Number of students who appeared for the examinations conducted by the institution during the year:	<b>3729</b>
<b>File Description</b>	<b>Documents</b>
Institutional Data in Prescribed Format	<a href="#">View File</a>
<b>3.Academic</b>	
3.1 Number of courses in all programmes during the year:	<b>801</b>

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
3.2 Number of full-time teachers during the year:	258
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
3.3 Number of sanctioned posts for the year:	235
<b>4.Institution</b>	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	102
4.2 Total number of Classrooms and Seminar halls	59
4.3 Total number of computers on campus for academic purposes	1145
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	558 Lakhs
<b>Part B</b>	
<b>CURRICULAR ASPECTS</b>	
<b>1.1 - Curriculum Design and Development</b>	
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 institute is autonomous and affiliated with the Visvesvaraya Technological University (VTU), Belagavi, Karnataka. It strives to produce globally competent graduates by designing the curriculum as per the requirements of society and industry. The curriculum design	

inputs specified by AICTE/IEEE/ABET are considered. The Programme Curriculum has been derived from the Programme Specific Criteria prescribed by various organizations such as the American Society of Mechanical Engineers (ASME), Association for Computing Machinery (ACM), American Society for Civil Engineers (ASCE), and Institute of Electrical and Electronics Engineers (IEEE).

The Outcome-Based Education (OBE) model specified by NBA is implemented in all departments of the institution. Departments conduct a brainstorming session with all the stakeholders to finalize the statements of Programme Educational Objectives (PEO) and Programme Specific Outcomes (PSO). The curricula comprise core courses, elective courses, projects, and humanity courses.

The curriculum enables students to become successful professionals with the following attributes:

- Attain technical competence
- Arrive at solutions considering safety and environment
- Develop an attitude towards decision-making capabilities
- Facilitate effective and efficient utilization of resources
- Understand the principles of management and entrepreneurship
- Emphasize on ethical responsibilities
- Understand the societal issues involving engineering practices
- lifelong learning

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

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

11

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	<a href="#">View File</a>
Details of syllabus revision during the year	<a href="#">View File</a>
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

211

File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	<a href="#">View File</a>
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

33

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	No File Uploaded
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

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

19



File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	<a href="#">View File</a>

### 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

#### 1. Constitution of India and Profession Ethics:

It creates the organs of government and defines their functions and powers and states their inter-relationship and the relation between these organs and the people. The study of Professional Ethics inspires values like honesty, integrity, reliability in the students of engineering so that they utilize their analytical and professional ability in taking up responsibility towards the society and consequently, towards the nation.

#### 2. Management and Entrepreneurship

It talks about Understanding of basic differences between management and administration., regarding the issue of gender and gender sensitivity, support for women entrepreneurs, and how institutions setup by the government and local bodies help promote them.

#### 3. English Enhancement Course

Activity based course producing documentaries and during group discussions, the subject matter includes issues like gender sensitivity, environment and sustainability, human values and professional ethics.

#### 4. Introduction to Engineering Design (IED)

IED introduces the concept of engineering design to students. An outline is given to various manufacturing process, prototypes and performance testing.

#### 5. Environmental Studies

Environment is the significant component for existence of life.

Student will gain knowledge about pollution and concept of treatment technologies. Students will be introduced to the tool Environmental Impact Assessment (EIA)

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	<a href="#">View File</a>
Any additional information	No File Uploaded

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

07

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	<a href="#">View File</a>
Any additional information	No File Uploaded

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

512

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	No File Uploaded

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

1795

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	No File Uploaded

<b>1.4 - Feedback System</b>	
<b>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</b>	<b>A. All 4 of the above</b>
<b>File Description</b>	<b>Documents</b>
Provide the URL for stakeholders' feedback report	<a href="https://nie.ac.in/wp-content/uploads/2022/02/1.4.1.pdf">https://nie.ac.in/wp-content/uploads/2022/02/1.4.1.pdf</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>
<b>1.4.2 - The feedback system of the Institution comprises the following</b>	<b>B. Feedback collected, analysed and action taken</b>
<b>File Description</b>	<b>Documents</b>
Provide URL for stakeholders' feedback report	<a href="https://nie.ac.in/wp-content/uploads/2022/02/1.4.1.pdf">https://nie.ac.in/wp-content/uploads/2022/02/1.4.1.pdf</a>
Any additional information	<b>No File Uploaded</b>
<b>TEACHING-LEARNING AND EVALUATION</b>	
<b>2.1 - Student Enrollment and Profile</b>	
<b>2.1.1 - Enrolment of Students</b>	
<b>2.1.1.1 - Number of students admitted (year-wise) during the year</b>	
<b>1063</b>	
<b>File Description</b>	<b>Documents</b>
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>
<b>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)</b>	

767

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 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.

To access the learning levels of the students after admission, special programs are conducted for advanced and slow learners as follows;

- Based on students' performance are identified as advanced and slow learners.
- During the semester, the respective departments offer tutorial classes focusing on slow learners. The tutorial classes will be handled by more than one faculty member to give individual attention to the students.
- Tutorial and project workgroups are made such that each group comprises bright students and weak students.
- Interested advanced learners are encouraged to collaborate with faculty members who are conducting research/ consultancy in various areas of the engineering domain.
- Advanced learners are also encouraged to appear for competitive exams like GATE, IES especially during their final year of graduation.
- Remedial Teaching: This is an alternate approach for the regular classroom teacher in instructing the slow learner. Remedial teaching is the use of activities, techniques, and practices to eliminate weaknesses or deficiencies that the slow learner is known to have.
- Counseling: Slow learners are counseled periodically to their learning difficulties. The counselors monitor academic performance and interact frequently to understand and assist any student issues that affect their ability to learn or impede their academic success.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

### 2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
30/09/2021	3952	258

File Description	Documents
Upload any additional information	<a href="#">View File</a>

### 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:

- Centers of excellence in the department of civil engineering` establishment of Building Fire Research Centre (BFRC) and Centre for Water Resources (CWR). UG/PG students get to visualize rare experiments on fire testing of building materials at BFRC, One of its kind in India and in Centre for Water Resources, known as Kumaradhara Field Hydrological Lab set in a western ghat area; is an experimental watershed where projects sponsored by prestigious organizations like ISRO, AICTE are carried out.
- Centers of excellence in the department of mechanical engineering, namely NIE Centre for Automobile Technology (NECAT) associated with Volvo Eicher Commercial Vehicle Limited established a state-of-the-art facility which will enhance the knowledge in automobiles.
- Some of the courses in the curriculum such as Renewable Energy Technologies, Coordinate metrology have industry collaboration that helps the student in experiential learning.
- In the departments of Computer Science and Information Science Engineering in collaboration with industry, an innovative tool E-box has been implemented.
- Various departments will conduct periodically co-curricular and extra-curricular activities such as AAKAR/CogNIescience/IEEE/ONYX/ Prathibimb/INPHASE/NIECEFEST, under the guidance of faculty, students share abundant

responsibility of conducting this event.

- Students are encouraged to write articles / technical presentations / papers for a conference / journals.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional Information	Nil

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

NIE being an autonomous institute encourages intensive use of ICT-enabled tools including online resources for effective teaching and learning process. All 249 teachers of the institute are using ICT tools and resources available in campuses.

There are 14 Digital board-enabled classrooms in campus. The campus is Wi-Fi enabled. Following are the list of ICT enabled tools to enhance the quality of teaching-learning used by faculty;

1. MOODLE learning platform is used to manage and post course-related information- learning material, quizzes, assignment submissions, and evaluations, etc.
2. Some of the classrooms are fitted with digital boards which make the teaching more effective.
3. Use of I-Scribe digital pads, and Wacom digital pads for effective delivery of the content.
4. Quizzes are conducted through Google forms.
5. Assignments are evaluated through Google classrooms.
6. Use of Simulators namely, Xilinx, Multisim, Logisim for conduction of digital electronics lab which helps students to learn digital and electronic circuits online.
7. The PPTs are enabled with animations and simulations to improve the effectiveness of the teaching-learning process.
8. Virtual labs are used to conduct labs through simulations.
9. Online Classes through Zoom, Google Meet, Microsoft Team.
10. MOOC Platform (NPTEL, Coursera, SAP, Udemy, Edx)
11. Use of Cisco packet tracer in-network labs
12. Digital Library resources

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://moodlegurukul.nie.ac.in/">https://moodlegurukul.nie.ac.in/</a>
Upload any additional information	<a href="#">View File</a>

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

#### 2.3.3.1 - Number of mentors

258

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	<a href="#">View File</a>

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

Office of the Dean (Academic Affairs) prepares the academic calendar well in advance of the beginning of every semester with reference to the academic calendar released by the affiliating university. The Academic calendar is presented and gets approved/ratified at the Academic Council meeting. The academic calendar contains;

- Course registration dates
- Orientation/Induction for first-year students
- Last day to add/drop courses
- Commencement of semester
- Test schedules/ Presentation schedule for project/seminar/paper presentation
- Last date for announcement of test results
- Last working day of the semester
- Commencement of Semester End Test (SET) & Semester End Examination (SEE)
- Announcement of SEE results and Paper seeing
- Public Holidays
- Important Days
- Commencement of immediate semester

Teaching plans are prepared by each faculty at the course level. The teaching plan consists of two documents: Abridged Lesson Plan and Detailed Lesson Plan.

- Abridged Lesson Plan contains the course plan prepared by the course instructor. The course plan indicates the syllabus that will be covered for each test. It also indicates the evaluation pattern that will be employed by the course instructor.
- Detailed Lesson Plan contains the split-up of the entire syllabus among the allotted classes. This document is maintained by the individual faculty and updated after every class.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

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

258

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

102

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	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>



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

9

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
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**

22

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

18

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

Being an Autonomous institution the students are evaluated by the institution, the guidelines are in accordance with VTU regulations.

**IT Integration:**

- The IT integrations has modernized the entire examination process and has speeded up the functioning mechanism, while making the whole process more transparent. Contineoa Self Service portal for all stakeholders (students Faculty, parents) for smooth holding of ICT enabled examination process like Online Examination form filling up, approval process, Online Admit card generation, Internal marks Capture and result publication.

**Paper Seeing:**

- To ensure that the process of evaluation is transparent, students are allowed to see the evaluated SEE answer scripts and get clarification from the course instructors on specified dates announced by the Office of CoE.
- During this process of "Paper Seeing," if there are any corrections in marks awarded, the course instructor shall submit the same to the Head of the Department, which in turn shall be submitted to CoE through the Doctoral committee of the respective departments for accommodating the change in marks/ grades.

**Grievance Redressal:**

- In case, the student is not satisfied regarding evaluation or award of grades, even after the paper seeing, the student can apply for grievance valuation by paying the requisite fee.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://nie.ac.in/wp-content/uploads/2022/03/Academic-Reforms_2020-21.pdf">https://nie.ac.in/wp-content/uploads/2022/03/Academic-Reforms_2020-21.pdf</a>

**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

In the global world, it is mandate that the students have to face the challenges in the latest technologies. Hence every programme should have an outcome which caters to the needs of industry/academics. In this context every program is outcome based

and hence the OBE components, namely Programme Educational Objectives (PEOs), Programme outcomes (POs) based on Graduate Attributes, Programme Specific Outcomes (PSO) and Course Outcomes (COs) are defined and implemented.

The programme outcomes are achieved through the curriculum that offers a number of mandatory, core courses as well as elective courses. The course outcomes have been mapped to the programme outcomes and programme specific outcomes. A set of programme specific criteria is used to provide quantitative measurement of how well the course outcomes are attained.

The course instructors map the COs to POs and PSOs with suitable weights like strongly correlated (3), moderately correlated (2) and slightly correlated (1). The formats are consolidated and the charts are prepared to establish the correlation between the course outcomes and Programme Outcomes as well as Programme Specific Outcomes.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	No File Uploaded
Upload any additional information	No File Uploaded
Link for additional Information	<a href="https://nie.ac.in/wp-content/uploads/2022/01/2.6.1-CO-statements.pdf">https://nie.ac.in/wp-content/uploads/2022/01/2.6.1-CO-statements.pdf</a>

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

The assessment of COs and POs is carried out by the individual departments. The course instructor prepares a consolidated assessment of COs attained through Continuous Internal Evaluation (CIE) and Semester End Examination (SEE). The attainment of POs and PSOs has been calculated by considering two methods of assessment.

1. Direct assessment
2. Indirect assessment

1. Direct Assessment (70 %Weightage) : All the programmes of the institute both UG and PG are credit based with continuous evaluation system. Evaluation is conducted throughout the semester.

II. Indirect Assessment: The online portal available at the institution will be used to complete all the following surveys.

1. **Course End Survey(10 %Weightage):** It is conducted every semester before semester end examination. The course end survey is conducted for courses taken by the students for that particular semester
2. **Graduate Exit Survey(10 %Weightage):** It is for the outgoing students of the program which will be submitted by the students at the end of their programme.
3. **Alumni Survey(10 %Weightage):** It is conducted once in a year. The survey is collected through mail and an online portal. The questionnaire has been framed in line with the existing POs and PEOs.

**Note:** Detailed description is uploaded as an additional information

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://nie.ac.in/wp-content/uploads/2022/01/2.6.2-CO_PO_PSO-attainments.pdf">https://nie.ac.in/wp-content/uploads/2022/01/2.6.2-CO_PO_PSO-attainments.pdf</a>

### 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

933

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://nie.ac.in/wp-content/uploads/2022/01/2.5.3II-Annual-Report-by-CoE-to-University.pdf">https://nie.ac.in/wp-content/uploads/2022/01/2.5.3II-Annual-Report-by-CoE-to-University.pdf</a>

### 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://nie.ac.in/wp-content/uploads/2022/01/Student-Satisfaction-Survey\\_2021.pdf](https://nie.ac.in/wp-content/uploads/2022/01/Student-Satisfaction-Survey_2021.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 NIE research community has made wonderful contribution in various spectrums of engineering technologies over the years. The centre of Research and Development (CRD) is constituted in the Institution with Professors and faculty working in various fields as its members. The faculty and students can submit the proposal at CRD and get seed money to carry out research projects. The institute also offers Research Internship for M Tech students to carry out research projects. The NIE management is magnanimous in allocating budget to strengthen research activity by encouraging faculty to apply for the projects in various funding schemes. At present, the faculty had received three patents in the year 2021 for their wonderful contribution in research.

NIE in participation with other Industries developed eleven center of centre of excellence to inculcate research among the faculty and students. The institute carried out around 3.5 crores of projects funded from the various schemes over a decade. The faculty has published several research papers in Scopus Indexed Journal, wherein 81 papers in the year 2020 and 124 papers in the year 2021 got published. The details of the funding policies and other information of CRD is shown in the below website link:

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	No File Uploaded
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://nie.ac.in/wp-content/uploads/2021/11/Final-NIE-CRD-policy-updated2020-21_November-2021.pdf">https://nie.ac.in/wp-content/uploads/2021/11/Final-NIE-CRD-policy-updated2020-21_November-2021.pdf</a>
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)****3,67,106**

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	<a href="#">View File</a>
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)	<a href="#">View File</a>
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)****154.77**

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<a href="#">View File</a>
List of projects and grant details	<a href="#">View File</a>
Any additional information	No File Uploaded

**3.2.2 - Number of teachers having research projects during the year**

17

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	<a href="https://nie.ac.in/rd/funded-projects/">https://nie.ac.in/rd/funded-projects/</a>
List of research projects during the year	<a href="#">View File</a>

**3.2.3 - Number of teachers recognised as research guides**

80

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<a href="#">View File</a>
Institutional data in Prescribed format	<a href="#">View File</a>

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

06

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	Nil
Any additional information	<a href="#">View File</a>

**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.

The Institution has developed an Ecosystem for Innovations by initiating and developing several Centre of Excellence in the emerging fields. NIE had also signed a Memorandum of Understanding from several agencies to inculcate research among the faculty and

students. Students are encouraged to carry out projects or actively participate in the technology application required for the societal needs. The institute has started eleven centre of excellence to promote research in the recent technologies and building sustainable ecosystem in the environment (Refer: <https://nie.ac.in/coe/>)

Periodic awareness program are conducted in the Institution for getting awareness towards becoming entrepreneurs and provide opportunities to interact with successful businessman in the outside world. Towards this, the Institution has started Incubation cell to promote students in translating knowledge and Innovations to the creation of wealth and social values and become successful entrepreneurs (Refer: <https://nie.ac.in/innovations/>).

All the departments have recognized as a research centre under Visveswaraya Technological University, Belagavi and our faculty and students are carrying out several research activities in different domains. Several research papers are published periodically (Refer: <https://nie.ac.in/rd/#publications>). The Institution bagged several projects in different domains in every year (Refer: <https://nie.ac.in/rd/funded-projects>). The institution had received three patents in the recent times (Refer: <https://nie.ac.in/rd/#patents>)

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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

14

File Description	Documents
Report of the events	<a href="#">View File</a>
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.4 - Research Publications and Awards

#### 3.4.1 - The Institution ensures implementation

B. Any 3 of the above



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

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	<a href="#">View File</a>
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**

21

File Description	Documents
URL to the research page on HEI website	<a href="https://nie.ac.in/wp-content/uploads/2022/01/List-of-Supervisor-1.pdf">https://nie.ac.in/wp-content/uploads/2022/01/List-of-Supervisor-1.pdf</a>
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

134

File Description	Documents
List of research papers by title, author, department, and year of publication	<a href="#">View File</a>
Any additional information	No File Uploaded

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

**the year**

**49**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://nie.ac.in/rd/rnd-publication/">https://nie.ac.in/rd/rnd-publication/</a>

### **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**

**147**

File Description	Documents
Any additional information	<a href="#">View File</a>
Bibliometrics of the publications during the year	<a href="#">View File</a>

### **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**

**06**

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### **3.5 - Consultancy**

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

**214.10 lakhs**

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	<a href="#">View File</a>
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

**NIL**

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 has carried out numerous activities with the overall development by conducting awareness program in the surrounding areas of the college. The college organized use of renewable energy program, eye check up camp, vaccination drive for the college members and surrounding people, gender equality awareness program improving hygienic system in the slum area and others. The NSS is actively participating in collaborating with the students to address the local issues and sensitize students for their holistic development (<https://nie.ac.in/the-national-service-schemenss/>).

The Centre for Renewable Energy and Sustainable Technologies(CREST)

is incepted in the institution with the aim of promoting wide spread of renewable energy devices and systems ([https://nie.ac.in/nie\\_coe\\_list/centre-for-renewable-energy-sustainable-technologies-crest/](https://nie.ac.in/nie_coe_list/centre-for-renewable-energy-sustainable-technologies-crest/)).

Apart from these, the students visits nearby villages and conduct various awareness programs and activities. Rainwater harvesting, sowing the seeds, cleaning and other social activities are the other activities taken up by the students in developing environment consciousness and improving life style among the villagers.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://nie.ac.in/nie_coe_list/centre-for-renewable-energy-sustainable-technologies-crest/">https://nie.ac.in/nie_coe_list/centre-for-renewable-energy-sustainable-technologies-crest/</a>

### 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

06

File Description	Documents
Number of awards for extension activities in during the year	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>
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)

04

File Description	Documents
Reports of the events organized	<a href="#">View File</a>
Any additional information	No File Uploaded

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

375

File Description	Documents
Reports of the events	No File Uploaded
Any additional information	<a href="#">View File</a>

### 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

111

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
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)

10

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	<a href="#">View File</a>
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, which is spread over an area of about twenty acres, has a very conducive atmosphere and adequate facilities for effective teaching and learning.

Following are the details of the facilities available:

There are 55 ICT enabled spacious classrooms. Each room is equipped with black/green board, multimedia projector, internet, writing desks, fans, and LED. Some of these rooms are utilized as tutorial rooms. The departments have established state-of-the-art laboratories to cater to the needs of UG and PG curriculum. There are three well equipped spacious seminar halls at the institute level and many departments have their own seminar halls to conduct seminars, expert lectures, and viva-voce. All the faculty rooms have internet and computing facility. IT Infrastructure supports the teaching & learning process. There are about 1200 computers with varied specifications; available bandwidth of internet connection in the Institution (leased line) is greater than or equal to 550 Mbps. Each department has its own computer centre with adequate number of computers and relevant software packages. There are thirteen centres of excellence. The IT infrastructure which includes both hardware and software are updated frequently as per the requirements from the departments and the programmes.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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.)

**Available facilities for Out-door games:** Basketball, Volleyball, Handball, Netball, Ball-Badminton, Kho-Kho, Kabaddi, Throw ball courts and Tennis Ball Cricket ground.

**Available facilities for In-door games:** Badminton, Table tennis, Chess, Weightlifting, Power lifting, Wrestling, Gymnastics, Carrom, Fitness Center, Taekwondo, Judo, Yoga.

**Usage by Students:** The NIE inter branch competitions are conducted every year in Volleyball, Basketball, Kho-Kho, Kabaddi, Throw ball, Ball-Badminton, Softball, Badminton, Table Tennis, Chess, Carrom and Yoga. There are about 750 students taking part in the said disciplines. NIE organizes inter collegiate tournaments also.

Specification about area/ size of courts mentioned in Sq.mt

**Outdoor sports:** (1) Volleyball 30x20 (2) Basketball 33x22 (3) Handball 40x25 (4) Throwball 32x15 (5) Tennis ball cricket,

**Football, Softball, Kho-Kho, Kabaddi, Ball Badminton and Archery 40 X 4**

**Indoor sports:** NIE Diamond Jubilee Indoor Sports Complex has 26x36 Sq.mt Playing area. 4 Badminton courts, 3 Table tennis tables and 3 Carrom Boards. Yoga and chess playing area of 22x16 Sq.mt Green rooms have an area of 7x5 Sq.mt Taekwondo, Judo and Wrestling in cellar 30x15 Sq.mt Fitness centre has an area of 9x12 Sq.m

File Description	Documents
Geotagged pictures	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

55

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

154.29

File Description	Documents
Upload audited utilization statements	<a href="#">View File</a>
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
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)

Name of the ILMS software

Libsoft

Nature of automation (fully or partially)

Fully Automated

Version

12.0.0

Year of Automation

2010

Library has fully computerized using LIBSOFT Web based Library Software, Students and staffs can access the library materials and status sitting in home visiting the below link

<http://library.nie.ac.in/opac>

The different types of searches available to the users are Simple and advanced search, user can access the database through author, title, subject, publisher, and keywords. Through OPAC the user can search the book or any other material available in the library,

<http://library.nie.ac.in/opac/>

Digital Library:

Library also have a Digital Library service to staff & students, for this purpose exclusively installed a IBM server, using TechFocuz Digital Library Software 4.0 (Funded by TEQIP-II) Library digitized following materials and hosted in intranet.

Book CDs, Faculty publications, previous year Question Papers, Photos Gallery, Syllabus, Newsletters, CD-Mirroring (CDs/DVDs), Newspaper Clippings, NPTEL Videos etc....

Students and staff can access above material visiting below link:

<http://192.168.19.73:8082/DLClient6/login>



File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://library.nie.ac.in/opac">http://library.nie.ac.in/opac</a>

**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	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

**17.9**

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**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**

**17**

File Description	Documents
Upload details of library usage by teachers and students	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

**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

Yes, 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 1to 3% of the annual budget for upgradation of IT facilities which are audited as per the balance sheet.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://nie.ac.in/wp-content/uploads/2022/03/NIE-IT-Policy.pdf">https://nie.ac.in/wp-content/uploads/2022/03/NIE-IT-Policy.pdf</a>

**4.3.2 - Student - Computer ratio**

Number of Students	Number of Computers
3952	1145

File Description	Documents
Upload any additional information	<a href="#">View File</a>

**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	<a href="#">View File</a>
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	<a href="#">View File</a>
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)**

372.97

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
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.

The institute has established systems and procedures to maintain and utilize the prevailing facilities: Estate office: The institute has a dedicated estate office which maintains class rooms, laboratories, seminar halls, Diamond Jubilee Sports complex, Administrative block etc., The staff of estate office comprise an engineer, a supervisor, an electrical engineer and three technicians. The main function of the estate office is maintenance of the entire infrastructure

including the installations like Diesel generators, fire extinguishers, housekeeping and security services, in addition to ensuring adequate supply of water, electric power, to maintain land records of the institute, details of updated infrastructure and receipts of tax remittance. Library Information Centre (LIC): The library is well equipped with latest reference books textbooks. It subscribes 58 technical journals and 18 daily newspapers both in Kannada and English. The operation of the library is fully computerized using LIBSOFT Techfocuz Digital Library Software. It has digitized form of Faculty Publications, Question Papers, Photo Gallery, Syllabus, Newsletters, Plagiarism Check Service and NPTEL facility. The departments have qualified and skilled man power to take care of laboratories. The Campus Wide Networking of the institute is maintained by system administrator, maintenance engineer and programmer appointed for the purpose.

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

1943

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

0

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**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	<a href="https://nie.ac.in/the-national-service-schemenss/">https://nie.ac.in/the-national-service-schemenss/</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

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

**27**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**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**

**A. All of the above**

committees	
File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>
Upload any additional information	No File Uploaded
<b>5.2 - Student Progression</b>	
<b>5.2.1 - Number of outgoing students who got placement during the year</b>	
690	
File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	No File Uploaded
<b>5.2.2 - Number of outgoing students progressing to higher education</b>	
4	
File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Details of students who went for higher education	<a href="#">View File</a>
Any additional information	No File Uploaded
<b>5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year</b>	
<b>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</b>	
28	

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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

06

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

Students have active representation on academic and administrative bodies and committees of the Institute.

**Class Committees:** All programmes have class committees comprising of student members representing meritorious as well as weak students. The Class Committees provide feedback on all aspects of the programme and respective course. Class Committee Meetings are held regularly, at least twice in each semester.

**Internal Quality Assurance Cell (IQAC):** Student representatives are nominated for this cell, who participate in the decisions regarding the quality initiatives of the institute.

**Hostel Committee:** They play major role regarding food quality, hygiene and other general facilities. They voluntarily monitor day to day activities and bring to the notice of the warden immediately.

**ONYX:** Is an entrepreneurship cell started in the year 2009. Onyx aims at developing entrepreneurial attitude in the minds of students through hands-on workshops, seminars, festivals and events. It is also a member of the National Entrepreneurship Network (NEN). **NIE IEEE Student Branch (NISB):** NISB is the IEEE student branch of institute. It is one of the largest and most active student branches

of Karnataka.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://nie.ac.in/igac/">https://nie.ac.in/igac/</a>

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

10

File Description	Documents
Report of the event	<a href="#">View File</a>
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
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

NIE Alumni Association (NIEAA) was established in 1957. The association was registered under the registrar of cooperative societies. (Regd. No: 298:1994-95/16-3-1995). It is only the keen and sincere desire to maintain this valuable bond which was recognized at the time of its inception and nurtured by its members all along. During 1982 the silver jubilee of the alumni association was celebrated. During 2007 the golden Jubilee of the alumni association was celebrated. NIE has a galaxy of illustrious alumni such as N R Narayan Murthy of Infosys, Kumar Malavalli of Brocade Communications, the legendary cricketer EAS Prasanna, to name a few.

The alumni have contributed liberally to improve the infrastructure in the institute. Some of the significant contributions of alumni are as follows:

- Establishment of prestigious NIE-Eicher centre for Automobile Technology and NIE Innovation Centre
- Membership in important academic bodies such as the Academic Council, Board of Studies and Department Advisory Council.
- Liberal financial contribution through the fund raising



initiated recently by the institution.

An exclusive Indo-US alumni meet was organised in eight cities in USA in the year 2016, which received overwhelming response by alumni who have settled in USA.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	<a href="https://niealumni.org/">https://niealumni.org/</a>

**5.4.2 - Alumni's financial contribution during the year**

A. ? 15 Lakhs

File Description	Documents
Upload any additional information	<a href="#">View File</a>

## 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

A robust governing structure has been put in place to ensure that the Institution meets the aspirations stated in its vision and mission statements. The leadership of the institute believes in participative management and strives to bring in excellence by structured organizational system with the involvement of all the stakeholders.

The major pillars of governance are as follows:

a) **Governing Council (GC):** Headed by the President of the National Institute of Engineering (NIE), is the highest policy making body of the Institution. GC comprises members of NIE Board of Management, UGC nominee, University nominee and experienced academic leaders.

b) **Board of Appointment (BoA):** All the appointments of teaching staff are made by the BoA.

c) **Finance Committee (FC):** The Finance Committee examines and scrutinizes the annual budget of the Institute prepared by the Principal and makes recommendations to the GC.

d) **Building Committee (BC):** The Building Committee is responsible for construction of buildings and other civil infrastructure.

Internal Quality Assurance Cell (IQAC) has been established way back in the year 2011 to ensure continuous improvements in academic quality. IQAC activities are supplemented by committees such as Outcome Based Education (OBE) committee, Academic Reforms Committee (ARC) & Examination Reforms committee (ERC).

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://nie.ac.in/wp-content/uploads/2021/11/Mandatory-disclosure-Nov2021.pdf">https://nie.ac.in/wp-content/uploads/2021/11/Mandatory-disclosure-Nov2021.pdf</a>

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

The institution practices decentralization and participative management. Faculty members and staff at various levels have been entrusted with authority and responsibility to ensure smooth functioning of the institute. A Deans committee is formulated for the academic structuring and to act as the primary driving force for the institute. The following Dean positions are present.

- Academic Affairs
- R&D
- CoE
- IQAC
- Student Affairs
- Faculty Affairs
- Industry Consultancy & Sponsored Research
- Industrial Relations
- External Affairs
- Alumni Relationship and Branding
- Planning & Development.

The deans committee conduct meeting and discuss the agenda points which are solicited in advance. The minutes of this meeting will be kept open for all the faculty members of NIE to see, refer and quote in any of their academic transactions. They can also submit their agenda points to the Deans committee through their department Heads.

In addition, the following committees/positions have been created to

ensure decentralisation and participative management.

- Outcome Based Education Committee
- Research Committee
- Centre for Training on Advanced Technologies
- A Special Officer has been appointed to scout for new research projects as well as coordinate information exchange with nodal agencies.
- Student Welfare Officer
- Physical Education Director

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://nie.ac.in/wp-content/uploads/2022/01/SP-2015-2021_7th-Feb.pdf">https://nie.ac.in/wp-content/uploads/2022/01/SP-2015-2021_7th-Feb.pdf</a>

## 6.2 - Strategy Development and Deployment

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

The Institute prepared a strategic plan in the year 2015 for the period 2015-21. Strategic plan is not to offer restrictive prescriptions or rigid timelines, but to identify areas of focus, build on our core strengths, and to prepare ourselves to make the best out of emerging opportunities. One of the core areas identified for focused strategy is Research and Consultancy.

Priorities for research directions at NIE are driven by the emerging ideas, scholarly growth and scientific discoveries of the faculty. The strategic plan for research and consultancy is designed to drive the future efforts by making faculty aware of shared interests and opportunities, and available support from government, industry, private foundations and individuals.

The strategic plan is to quantitatively increasing and qualitatively improving research and consultancy by the faculty individually, jointly and collaboratively, and Developing research interest among post graduate and undergraduate students.

The actions taken are:

1. Established R&D center with an objective of promoting research by students (UG/PG/PhD) and the faculty members.
2. The research is encouraged by giving funds through NIE-CRD (RPS).
3. Research internship program is initiated at the Institute for M.Tech students.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://nie.ac.in/rd/">https://nie.ac.in/rd/</a>
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.

1. **Academic Council (AC):** Academic governance is led by AC, which comprises outstanding academicians and industry experts. It is responsible for approval of syllabi, academic regulations and other academic matters.
2. **Academic Review Committee (ARC):** The committee is chaired by the Dean (Academic Affairs) and has the Controller of Examinations, Dean (R&D), Head-IQAC and three other senior faculty members as members. ARC has the mandate to review all the academic processes and suggest measures to improve its quality.
3. **Examination Review Committee (ERC):** Looks into the examination related issues and recommend suitable changes.
4. **IQAC:** The work of the IQAC is the first step towards internalization and institutionalization of quality enhancement initiatives.
5. **Outcome Based Education Committee (OBEC):** The OBEC is an autonomous body with the objective of assurance of quality and relevance of the technical education through the mechanisms of accreditation of programmes offered by the technical education institutions.
6. **Board of Studies (BoS):** Constituted at the department level to design and update academic curriculum and syllabi of all the

programmes in the department.

**7. Board of Examiners (BoE):** Constituted by each and every department to scrutinize and ensure quality of question papers for the Semester End Examinations.

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://nie.ac.in/about-us/governance/">https://nie.ac.in/about-us/governance/</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://nie.ac.in/about-us/governance/">https://nie.ac.in/about-us/governance/</a>

**6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination**

**B. Any three of the above**

File Description	Documents
ERP (Enterprise Resource Planning) Documen	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### **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

1. The faculty members and non-teaching staff members who come under aided are eligible for post-retirement pension as per government norms.

2. All the remaining permanent teaching and non-teaching faculty are covered under the provident fund scheme.

3. The teaching faculty are encouraged to take up doctoral studies in premier institutions. Study leaves with complete salary benefits, borne by the Management.

4. Sponsored to participate in faculty development programmes, training programmes and workshops. The entire travel and incidental expenses are borne by the institute.

5. Teaching faculty are encouraged to present research papers in conferences organised by reputed institutions. The entire expenditure is borne by the institute.

6. Financial incentive to reward faculty members for getting research projects to the institute

7. Incentive scheme for getting research papers published in Scopus/ Sci/WOS indexed journals.

8. Research grant through NIE-CRD for young faculty to carry out his/her research work.

9. Medical facility available in the campus for teaching and non-teaching staffs.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://nie.ac.in/wp-content/uploads/2020/09/NIE-CRD-Policy-sept2020.pdf">https://nie.ac.in/wp-content/uploads/2020/09/NIE-CRD-Policy-sept2020.pdf</a>

### 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

13

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)	<a href="#">View File</a>

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

18

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

#### **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.)**

**386**

File Description	Documents
Summary of the IQAC report	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

#### **6.4 - Financial Management and Resource Mobilization**

##### **6.4.1 - Institution conducts internal and external financial audits regularly**

The Chief Finance Officer (CFO) scrutinises and approves all financial transactions as per the norms and rules of the Institution. The external financial audit is done at the end of each financial year by a chartered accountant.

##### **Audit procedures:**

- 1. All income and expenditure are accounted on annual basis**
- 2. Fixed assets are accounted on cost plus all expenses incurred up to installation**
- 3. Grants are accounted on the basis of sanction order**
- 4. Depreciation is charged for fixed assets as per norms**
- 5. Gratuity is provided on the basis of valuation by actuary**

6. Reconciliation of bank accounts and checking the bank confirmations.

7. Checking of statutory dues payment like PF, TDS, PT and ESI before the due dates.

Once all financial transactions are accounted for, the auditors prepare Balance sheet and Income and Expenditure for the financial year. The financial statements are signed and approved by Auditor and Management. Based on the audited financial statements, auditor will issue Audit Report. The External Internal Auditors' reports are reviewed by Management and forwarded to the respective accountants / Internal Auditors to bring in desired improvements in the areas highlighted by the External Internal Auditors.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://nie.ac.in/wp-content/uploads/2021/11/Audited-Statements-2020-21.pdf">https://nie.ac.in/wp-content/uploads/2021/11/Audited-Statements-2020-21.pdf</a>

**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)**

50

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

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

For the institution the sources of funds are:

1. Tuition fees collected from students
2. Interest income
3. Salary grants received from the Government of Karnataka



#### 4. Contribution from philonthropists

#### 5. Research grants from funding agencies

The budgeting exercise is initiated well before the beginning of a financial year. Each department submits budget proposal, which is discussed in the Finance committee. Budget allocation is made and circulated to all the departments along with guidelines for equipment & software, consumables, academic activities, etc.

The purchase of equipment is initiated by heads of departments and centre heads based on the allocation made in the budget. The Purchase committee of the Institution, headed by the Principal, meets periodically to discuss the proposals and accord approval.

A separate mechanism is in place to procure consumables and tools, through rate contract. The Institution has entered into rate contract for supply of materials in bulk with reputed vendors. This mechanism facilitates fast track procurement as well as reduction in procurement cost. The civil and electrical works are taken up by a dedicated Estate office, which is headed by experienced Civil and Electrical engineers.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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)

#### Implementation of Moodle LMS platform and Contineo

- Moodle LMS platform is introduced in the institute for enhancing the effectiveness in teaching and learning process.
- Moodle classrooms are created for each course offered by the institute and online discussion platforms and e-content sharing platforms are facilitated.
- Quiz, assignment etc. for the courses are conducted in Moodle LMS platform.

- The engagement of faculty and students in Moodle LMS platform are periodically monitored by Department Moodle Coordinators.
- Contineo platform is implemented and used for attendance entry, continuous evaluation mark entry, course registration of students, and CO and PO attainment calculation.

#### Academic and Administrative Audits

The academic audit evaluates the progress made by the institution towards achieving its goals, identifies the areas of improvement and also progressively monitors the strategies and activities undertaken with respect to academic enhancement initiatives.

Stages of the academic and administrative audit process involve the following stages:

- Preparing the "Self-study Report" with evidence-based documentation
- Internal peer review and evaluation of the self-study report
- Modifying the self-study report based on the internal peer
- External Peer review/ audit by the external audit team
- Implementing the suggestions and recommendations of the external peer audit

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://nie.ac.in/iqac/">https://nie.ac.in/iqac/</a>

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

#### Faculty Appraisal

Self-Appraisal Report is submitted by each faculty every year and academic performance index of the faculty is calculated. The API is calculated based on the performance of the faculty in three categories:

1. Teaching, Learning and Evaluation Related Activities
2. Co-Curricular and Professional Related Activities including Administration
3. Research and Academic Contributions

Based on the self-appraisal report and the API scores in each category, the HoD suggest recommendations/ remedial measures to improve the performance of the faculty and the faculty prepares plan of action for the next year and is submitted to the Principal for evaluation.

#### Academic Delivery and Engagement of Classes Committee

ADEC committee is formed in the institute level with Dean, Academic Affairs as the chairman, and faculty members from different departments in Professor cadre as the members. The Head, IQAC is also a member of this committee. ADEC committee monitors the teaching-learning activity. The ADEC committee bears the following responsibilities.

- Members of ADEC visit classrooms and record the classroom engagement/academic delivery.
- ADEC committee submit report on observations/ recommendations to the Principal.
- ADEC recommends continuation/termination of contract faculty recruited in the previous year based on the class committee report, ADEC member visit and feedback from HoD.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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 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)**

**A. Any 4 or all of the above**

File Description	Documents
Paste the web link of annual reports of the Institution	<a href="https://nie.ac.in/wp-content/uploads/2022/01/Final-Version_-_Annual-Report-2020-2021.pdf">https://nie.ac.in/wp-content/uploads/2022/01/Final-Version_-_Annual-Report-2020-2021.pdf</a>
Upload e-copies of accreditations and certification	<a href="#">View File</a>
Upload details of quality assurance initiatives of the institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 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

The institution is committed to support social-justice and rights of all human-beings. Equal opportunities are given to both genders in terms of admissions, employment, training programmes, etc.

#### a) Safety and Security

College Complaints Committee (CCC) has been formed to deal with issues related to Sexual Harassment. Anti-ragging committee ensures healthy environment among students. To ensure safety and security, CCTV cameras are installed at various locations in campus. Institute has appointed agencies for security of campus and hostels. Security personnel are deployed at institute main gates and all the blocks. There are separate hostels with wardens for boys and girls and on-campus accommodation for girls. Regular inspections to hostels are conducted by staff members, and they enquire about facilities and issues and report to concerned authorities.

#### b) Counselling

The institution has policy to counsel the students. Counselling is provided to give confidence to the students fortimely reporting of issues. Committees dealing with student-issues, ensure complaints are dealt in sensitive, impartial, timely and confidential manner.

Counselling is done at department level, if students have any academic difficulties. One faculty mentor is assigned for a group of students.

## c) Common Room

Institute has separate common room for girl students and faculty members.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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)

The institution has taken various initiative to improve Waste Management in campus.

#### Solid Waste Management

Kitchen waste is fed to one of the three biogas plant in campus. Slurry obtained as a by-product has rich fertilizer value and is for campus gardens. Plant at Men's Hostel converts 18 tons of kitchen waste per year to biogas and NIE is a role model for other institutions.

Four Leaf Composters have been installed at GJB. Dry leaves and green wastes generated in the campus are effectively being converted into manure through aerobic composters.

#### Liquid Waste Management

Sewage treatment plant is available in hostel that treats wastes that are discharged from toilets, water closets, baths, showers,

sinks, basins and other sanitary and kitchen fitments. Treated water is used for gardening and for flush tank of EWC. Used cooked oil from canteen is reused to produce Biodiesel. Liquid sanitation wastes are connected to UGD pipelines of Municipal Corporation.

#### E-waste management

Most of used electronic devices are intended for reuse, resale or recycling in a safe and responsible way.

- Institution has a committee to manage e-waste generated on the campus.
- Institute has an MoU with VANS CHEMISTRY for managing e-waste which is officially certified company.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geotagged photographs of the facilities	<a href="#">View File</a>
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	<a href="#">View File</a>
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

A. Any 4 or All of the above

- 3. Pedestrian-friendly pathways
- 4. Ban on use of plastic
- 5. Landscaping

File Description	Documents
Geotagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	<a href="#">View File</a>

#### 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

**B. Any 3 of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	<a href="#">View File</a>

**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**

**A. Any 4 or all of the above**

**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.**

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

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).

The institution provides an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic, and other diversities to students and faculty members by conducting various activities.

Every year, Student Induction Program is conducted for the newly admitted students. This helps them in identifications of various facilities available in the institution, student clubs, etc. Students from different parts of the country get admission and this program helps them to get to know each other. Apart from regular sessions on Academic and Regulations, they also participate in several events like Yoga, Physical education, and Mediation.

The institution also conducts events such as International Yoga Day to spread the awareness of Yoga and its benefits. Departments also conduct various events related to address social issues. One such event was visit to Haadi visit, wherein faculty members created awareness on education, hygiene, mobile usage, and empowering younger generation.

The institution celebrated Kannada Rajyotsava 2021 with joy and festivity heralding an atmosphere of true spirit of a kannadiga by rendering popular state anthem and other songs followed by a pledge to uphold Kannada language, culture and Karnataka's rich tradition and culture.



File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>

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

The institution has taken multiple efforts to sensitize students and employees to constitutional obligations like values, rights, duties, and responsibilities of citizens. Students participated in youth development program organised by All India Radio (AIR) in connection with Azadi Ka Amrit Mahotsav under the Theme "Make in India". Twelve students from ECE department participated by presenting their viewpoints on "Make in India" and it was broadcasted in 100.6 FM (AIR) on 09-12-2021. The students got an exposure to share their ideas and viewpoints on development of our Nation and thereby becoming a responsible citizen.

The Internal Quality Assurance Cell (IQAC) organized an awareness program on "Fundamental Rights" on 23rd December 2021. The aim of the event was to enlighten the students about Fundamental Rights. The events covered Rights, Types of Rights, Features of Fundamental Rights, Articles related to fundamental rights and major changes to these rights.

The institute, in association with Annapurna eye hospital, IEEE-NIE Student Branch, NIE-NSS unit and Lion's club organized an eye and blood donation camp in memory of the late actor and youth icon Puneet Rajkumar on 9th and 10th November 2021.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	<a href="#">View File</a>
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**

**B. Any 3 of the above**

**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**

File Description	Documents
Code of Ethics - policy document	<a href="#">View File</a>
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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Dr. B R Ambedkar Jayanthi - The birth anniversary of Dr. B. R. Ambedkar is celebrated every year during the month of April at its premises. The Teaching, Non-Teaching, Administrative Staff and students take part in the celebrations. It is celebrated to remember his contribution in the formation of the Constitution of India

Engineers' Day - The program is organized to commemorate the birth anniversary of Sir M Visvesvaraya on September 15, at the Library and Information Centre.

Independence Day - Every year Independence Day is celebrated on August 15 in administrative block of the Institute. The Tricolour flag is unfurled by the Chief Guest or one of the members of Board of Management.

Republic Day - Every year Republic Day is celebrated on January 26, in administrative block of the Institute. The Tricolour flag is unfurled by one of the members of Board of Management or Principal or Chief Guest.

Apart from these events, following events were also conducted.

- Fit India Run - Azadi ka Amrit Mahotsav - 02/10/2021
- World Students Day - 29/10/2021
- Cyclothon - Fit India Cyclothon - 21st to 25th December 2020

- National Science Day - 14/03/2021
- International Yoga Day - 21/06/2021

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<a href="#">View File</a>
Geotagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 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 - Alternative Assessment Tools

#### Objectives of the Practice

To analyse the course outcome through alternative assessment method like conducting various activity, field visit and their discussions, taking courses in online platform, and submitting the assignments, model making based on various concepts etc. as a part of the course.

### Title of the Practice2: CO-Teaching (Industry Driven Electives)

#### Objectives of the Practice

Rapid developments are happening in technology, which is transforming every possible domain. Thus, there is a need for strong partnerships between academic institutions and the industry. The best way to bridge the gap is to collaborate with the industry and get them involved in the teaching learning process. Co-teach is a new offering for students which gives an opportunity to learn from industries Subject Matter Experts and Practitioners. This practice aims to make students industry ready by providing application-oriented exposure to fundamental concepts, and by exposing them to industry best practices.

File Description	Documents
Best practices in the Institutional website	<a href="https://nie.ac.in/wp-content/uploads/2022/02/7.2.1-Best-Practices.pdf">https://nie.ac.in/wp-content/uploads/2022/02/7.2.1-Best-Practices.pdf</a>
Any other relevant information	<a href="https://nie.ac.in/wp-content/uploads/2022/02/7.2.1-Supporting-Documents.pdf">https://nie.ac.in/wp-content/uploads/2022/02/7.2.1-Supporting-Documents.pdf</a>

### 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)

NIE holds a distinct position as one of the prestigious engineering colleges in the country. It is known worldwide for its values and over decades it has led the way with innovations, new ideas, qualified faculty, well-equipped labs, and illustrious alumni.

NIE is known for a focused approach using top quality methodologies to tackle world-class problems. Diversified knowledge is imparted through classroom-teaching, workshops, Industry-interaction, internships, and projects. Students are encouraged to look beyond their discipline to learn courses in other disciplines.

Our curricula encourage students to participate in hands-on, experiential-learning and hence balancing theoretical and practical knowledge. Companies like NettApp, Motorola-Mobility, SAP-Labs, Philips-Innovation, Hewlett-Packard, CISCO, Fidelity-Systems, etc., offer Internship to students thus helping them in gaining exposure to real-world problems.

Many student projects are accomplished in innovative laboratories set-up with facilities for research. The Management has allocated budget to fund research projects as it aims to strengthen research activity, hence increasing research funding from various agencies.

Distinguished alumni are Padmasri N.R.Narayana Murthy, Founder Chairman, Infosys, Mr. Srinath Batni, Former Board Member Infosys, Padmasri E.A.S. Prasanna, International cricketer, Mr. Kumar Malavalli, Chairman, Brocade Communications, Dr. C.S. Vishvanatha, Former Chief Consultant, Torsteel Research Foundation and Sri. Nirmalanandanatha Swamiji, Peetadhipati, Adichunchangiri Mahasamsthana Math.

File Description	Documents
Appropriate link in the institutional website	<a href="https://nie.ac.in/wp-content/uploads/2022/01/7.3.1-Institutional-Distinctiveness.pdf">https://nie.ac.in/wp-content/uploads/2022/01/7.3.1-Institutional-Distinctiveness.pdf</a>
Any other relevant information	<b>No File Uploaded</b>

### 7.3.2 - Plan of action for the next academic year

NIE has set up the following goals to be achieved in the next academic year.

1. Starting of New Programme in the emerging thrust areas.
2. Reformatations in teaching, learning and evaluation process.
3. NBA Accreditation of eligible programme
4. Participation in ARIIA Ranking
5. Skill Development programs for students and faculty in the cutting edge technology.