



YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	NEHRU INSTITUTE OF ENGINEERING AND TECHNOLOGY
• Name of the Head of the institution	Dr.P.Maniiarasan
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	04222380007
• Mobile no	9003936804
• Registered e-mail	nietprincipal@nehrucolleges.com
• Alternate e-mail	nietprincipal@gmail.com
• Address	Nehru Gardens, Thirumalayam Palayam, Coimbatore
• City/Town	Coimbatore
• State/UT	Tamil Nadu
• Pin Code	641105
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Rural

• Financial Status	Self-financing				
• Name of the Affiliating University	Anna University				
• Name of the IQAC Coordinator	Dr.R.Deepa				
• Phone No.	04222380007				
• Alternate phone No.	04222380007				
• Mobile	9489212233				
• IQAC e-mail address	nietiqac@nehrucolleges.com				
• Alternate Email address	ecedeepea@gmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year))	https://nehrucolleges.org/NAAC/AQAR-2019-20.pdf				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://nehrucolleges.org/academic-calendar.html				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	2.91	2017	09/06/2017	08/06/2022
6.Date of Establishment of IQAC			14/09/2014		
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
Nil	Nil	Nil	Nil	Nil	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of IQAC					

9.No. of IQAC meetings held during the year		4
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?		No
<ul style="list-style-type: none"> If yes, mention the amount 		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
<p>1. Regular Monitoring of Classes and laboratories 2. Student's Feedback and analysis mechanism through a proper format. 3. Effective usage of SMART Class Rooms, ICT and student mentoring. 4. To impart confidence building and enhance leadership 5. To increase the interactions of Extra Curricular and co-curricular activities like NSS, YRC and RRC etc.</p>		
12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year		

Plan of Action	Achievements/Outcomes
To implement outcome based education effectively	Outcome based Education is successfully implemented
Intensive placement training for all the students	Percentage of placements increased with the help of NCPIR
Learning through Online Platform	Online teaching learning process through LMS platform
To introduce new UG program for the year 2020-2021	Two New UG Programme on Artificial Intelligence and Data Science and Computer Science and Business Systems was introduced during the year 2020 - 2021
To conduct academic audit for all programs	The external and internal academic audits for all programmes was conducted
13. Whether the AQAR was placed before statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	
Name	Date of meeting(s)
Governing Council	29/10/2020
14. Whether institutional data submitted to AISHE	
Year	Date of Submission
2020	31/12/2021

Extended Profile	
1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	495
File Description Data Template	Documents View File
2.Student	
2.1 Number of students during the year	1333
File Description Institutional Data in Prescribed Format	Documents View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	501
File Description Data Template	Documents View File
2.3 Number of outgoing/ final year students during the year	453
File Description Data Template	Documents View File
3.Academic	
3.1 Number of full time teachers during the year	147
File Description Data Template	Documents View File
3.2 Number of sanctioned posts during the year	130
File Description Data Template	Documents View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	56
4.2 Total expenditure excluding salary during the year (INR in lakhs)	134.35
4.3 Total number of computers on campus for academic purposes	592

Part B**CURRICULAR ASPECTS**

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Nehru Institute of Engineering and Technology, Coimbatore is affiliated to Anna University, Chennai. However, the implementation of curriculum is taken scrupulously by the institution as per the academic schedule.

Academic Calendar

Institution calendar for the academic semester prepared based on the university calendar to ensure proper teaching-learning process, schedule of the internal test, university examinations etc., Department calendar is prepared in aligned with the Institution calendar to include department activities like seminars, workshops, guest lectures, symposiums, conferences, various club activities, industrial visit/training, value-added course, certification course etc.

The excellence of Classroom teaching with Course Plan

Meetings are held in each department to discuss the distribution of courses for upcoming academic sessions during the end of the semester. Based on individual faculty members experience and expertise, the course is assigned to them by the head of the department. The individual faculty member prepares a course plan. It gives an insight into how the lecture class will be handled throughout the semester before commencing of each semester. The excellence of the classroom teaching depends on content delivery, interaction, discussion, examples, applications and usage of modern ICT tools. The role of the teachers is significant not only with contents but also with motivational contributions of students through paper presentation, projects, group assignments, visit to various industries for better exposure.

Instructional methods and pedagogical initiatives

Institution practices outcome-based education while planning and delivering the content. Various Innovative Teaching & Learning methodologies are adopted by the faculty members to create the best learning environment for students. Teaching and Learning methodologies include traditional (Chalk and talk) and technology-

enabled methods. Video lecturing is provided by faculty members to explain the real-world problems with industrial illustrations, design issues etc. Faculty members prepare the e-materials for both theory and laboratory manual for the benefit of students by posting in Content Management System available in the college website. Faculty demonstrates static & working models, simulations, animations and implemented projects in the department. Invited expert lectures (industrialists / academicians) are arranged to deliver the content beyond syllabus for knowledge enhancement and value-added courses have been organized for bridging the gap between Industry and Academia. Tutorials/ E-learning classes are practised for participative learning. Assignments are given to improve the knowledge beyond the syllabus. Students are motivated for doing research workthrough publications and encouraged to do project in Newgen IEDC and NGI-TBI.

Monitoring system for curricular delivery

HODs and IQAC coordinators are regularly monitoring the delivery of curriculum. Academic feedback arecollected from the students through online in a regular interval. The teaching faculty are entrusted with the task of mentoring students on academic and non-academic issues. Class committee meeting is conducted where student representatives can express aboutgrievances. The outcome-based education focuses on effective curriculum delivery to meet. The internal assessmenttests are conducted to assess the attainments of the course outcomes. The academic audit is done by IQAC to ensure the quality of delivery of curriculum.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

A team consisting of Principal, Dean (Academics) and HoD(s) prepare the academic calendar The academic calendar is used by the student which is also available on the college website The schedules of all examinations like IT - I, II and III could be viewed by students from the institution website. Review Questions for all internal exams are displayed on the website along with syllabus. For all programmes, the institute conducts three internal exams for 50 marks

in each semester. Continuous internal assessments contribute 20% and end semester university examinations contribute 80% towards the grade point of a subject. The internal examinations time table is displayed in the department, classroom notice board and social network group before one week from the day of examinations. Before commencement of internal examinations, review questions are provided to the students through the social network group. After completion of the internal examination, the faculty evaluates the answer scripts within three working days from the day of completion of the respective subject examination and distribute to the students. After clarifications, a signature from each student is received in the corresponding answer scripts for all courses. Periodically the internal test marks displayed in the notice board

Assessment process:

1. Answer script scrutiny is done by the members of the committee.
2. Conducting tutorial classes to clarify doubts
3. Microanalysis has been done for the attainment of course and program outcomes.
4. Continuous monitoring the improvement in slow learners and encouraging fast learners by reviewing their performance.
5. Industrial visits and Internships are arranged by the faculty members for students. Student's performance is also evaluated based on the following parameters: communication skills, use of modern tools, solving of analytical problems, peer group studies and students mentoring.

End Semester Examinations Valuation of answer scripts and publication of results are liable to Anna University. The opportunity for revaluation is possible as a grievance measure. In the end semester examinations students can express their grievances by applying for the following evaluation procedure: Photocopy of the answer scripts could be sought from the university through the exam cell if the student needs by. After receiving the photocopy, the students can verify for any discrepancy. The expert valuation suggests a better percentage of the mark for the deserving candidates and recommended for revaluation. The results of re-evaluation will be announced as per the university norms. If the re-evaluation results are not satisfactory, a student can apply for challenge evaluation within a week after the announcement of the re-evaluation results. This evaluation process is carried as per the Anna university norms.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://www.nehrucolleges.org/agar/1.1.2.pdf

1.1.3 - Teachers of the Institution participate in A. All of the above

following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.
 Academic council/BoS of Affiliating University
 Setting of question papers for UG/PG programs
 Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
 Assessment /evaluation process of the affiliating University

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

11

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

18

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

1317

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The Institution has been functioning for the development of the students. The various programmes are arranged related to Gender Equity, Sustainability, Human Values and Ethics. The Institute engage the students in various activities through various clubs and conduct programs to create awareness among the students through these clubs like National service scheme club, Rotract club, Youth red cross Club, Red Ribbon Club, Gender Equity Cell, Women Empowerment cell, Anti ragging committee, Students Grievances and Redressal Committee, Counseling and mentoring committee, Discipline Committee, Cultural Club, Nature Club.

GENDER EQUITY

The Institute engages the students to participate in sports and cultural activities. College have signed MOU with hospitals for common medical facility for students and faculty members. Institution has functional Women Empowerment cell, Gender Equity cell Headed by senior faculty members who look into the problems of girl students regarding personal and Academics. Girls and Boys rooms are available with all the amenities. Students Grievances and Redressal Committee has been established for

counselling of students on received grievances. The above mentioned cells have been organizing various programs for girl students Women Safety, Women empowerment, Health care for both boys and girls. Girls and boys hostel are available in campus and common rules are made available with common rules

HUMAN VALUES

A necessary part of curriculum is to inculcate good human values among students. Our Institute always believes to make each student a good human and an ethical Engineer. College has Anti ragging committee to ensure ragging free campus. Counseling and mentoring committee headed by senior faculty members to take care of human values.

ENVIRONMENT AND SUSTAINABILITY

Our Institute is a green campus consisting of more trees and plants which helps in surplus oxygen supply in the surrounding environment. College follows plastic free and smoke free campus. By considering depleting energy sources and pollution free college has installed a Solar Energy Park. A detailed energy audit for the institute has been carried out on regular basis. College has been conducting various social events such as tree plantation, rallies, and seminars to create social awareness among people through Nature club, National service scheme etc., The environment issues are dealt in classroom through a regular subject Environmental science for all branches in Engineering.

PROFESSIONAL ETHICS

Institute has equal importance about professional ethics along with academics because knowingly and willingly should not involve in wrong behaviors. Professional ethics encompasses personal and corporate standards of behavior expected by professional. The students of different branches in Engineering and Management study Professional Ethics that address right and wrong or good and evil. College organizes various personality development program through Placement cell to increase the employability of students. Industrial Visits and Internship programs are included in curriculum and experts from corporate are invited to share their views to understand corporate standards and culture.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

243

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

846

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students

A. All of the above

Teachers Employers Alumni

File Description	Documents
URL for stakeholder feedback report	http://www.nehrucolleges.org/aqar/1.4.1%20a.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://www.nehrucolleges.org/aqar/1.4.1%20a.pdf

TEACHING-LEARNING AND EVALUATION**2.1 - Student Enrollment and Profile****2.1.1 - Enrolment Number Number of students admitted during the year**

413

2.1.1.1 - Number of students admitted during the year

413

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

266

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Nehru Institute of Engineering and Technology admits students through

(i) Affiliating University counseling and

(ii) Direct admissions to College based on merit in qualifying examination

Therefore, the admitted students represent a combination of bright students and average students. To help them cope with new learning environment, a number of measures are taken by the Institute for their betterment.

In the pandemic period also the slow learners were motivated and focused to concentrate on important questions in the entire respective subject and at the same special hours allotted in the google meet to remove panic and also collected the assignments for their betterment to face the Examination.

All faculty members are encouraged to reserve a slot of one hour per week in their teaching time table for students to approach them and discuss difficulties in respective subjects.

Library facility is initiated and all students borrow the books for preparation.

Parents are invited in the middle of semester to interact with concerned faculty advisors and subject teachers to discuss about the progress of their wards

Mentor-mentee relationship is followed in NIET. Each section is divided into three batches so that a ratio maximum of 1:20 is

maintained between the mentee and the mentor. The mentor, herewith called faculty advisor has to maintain a Mentor's Diary (Annexure), to keep track of the records of the mentees. This also helps to identify the slow learners and the advanced learners from each batch of each year and every course.

Each type of students has different learning attitudes and learning habits. The objective of such assessment process of the learning levels of the students is

- i. To identify the factors affecting the student's performance.
- ii. To analyze them with respect to the institutional framework.
- iii. After identification and analysis, to provide a proper solution for improving their performance and build a successful career.

2. IDENTIFY SLOW AND ADVANCED LEARNERS

2.1 Student Information Form

Every faculty advisor maintains a Mentor's diary (Annexure). The mentor's diary consists of record of the students of a particular batch assigned to them.

Following records are to be maintained by Class Advisor of each class:

1. Student Information Handbook
2. Marks Statement (Internal Assessment and University Exams)
3. List of slow and advanced learners of their batch.
4. Remedial measures taken and details (circulars and notices)
5. Records of activities for both types of learners

All faculty advisors are required to maintain to the student detail of each and every student of their respective batches in the student information form as attached as Annexure. This record is helpful in maintaining the student data and his/her personal information and to connect faculty advisor to parents/guardians.

3. INITIATIVES FOR ADVANCED AND SLOW LEARNERS

3.1 Advanced Learners:

Following Special activities are conducted for Advanced Learners:

i) Guiding for career planning.

ii) Bright and diligent students are motivated and inspired to get university ranks.

iii) Guiding and encouraging publish/present research papers in conferences/Journals

iv) Guiding the students for GATE/Competitive Examinations.

v) Training programs for gaining advanced technical know-how.

vi) Encouraging to participate in various symposiums like quiz, poster presentation, Conferences, inter institution competition etc.

vii) Semester toppers and university rank holders are encouraged with certificates and cashprizes by the management.

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

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1333	147

File Description	Documents
Any additional information	View File

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

Nehru Institute of Engineering and Technology practices structured to Teaching-Learning processes in each semester to impart the value education not only through the traditional methodologies but also through active learning to enhance students to get confidence in their learning and to take initiative, taking good decision and be

accountable for results.

In Pandemic period, Our institute encouraged the learners to get practiced in an interactive way to the teacher through virtual learning even during the pandemic years and issued materials which posted in the Google class room and at the same the slow learners were focused and special care taken towards in the way of providing important questions from previous year university question papers and also made them to submit the assignment in the Google classroom and not only that special day allotted and in that particular day through Google meet discussed the difficult concepts and clarified their doubts which comforted them to face the Examination.

Experimental Learning:

We make our students to be interactive by encouraging' each individual to work out things by themselves; they are guided through practical way of learning rather than being taught during practical classes. Students are able to grasp the concepts through demonstration, video lectures. To understand the industrial expectations, we encourage students to undergo In-plant training, Internship training and Industrial visits in the respective domains. The institution has also established e-learning facilities and resources like NPTEL, Learning Management System, e-books and e-journals, Digital libraries to improve their creative thinking in technical fields. NIET established industry powered centers like Texas Instruments, Sanko Gosei Inc. Japan, Intel Fice Pvt. Ltd., Avatar Academy, Jet Aerospace Aviation Research Centre, ARK Info Solutions, Ayushman Solar Enterprises. Throughout the experiential learning process, the learner is actively engaged in posing questions, investigating, experimenting, being curious in solving problems and being creative.

Participative learning:

A pedagogical approach involving students of different cognitive levels was made to work in a collaborative manner in mini projects and major projects to accomplish an assigned task. The students 'learning methodology is further tuned by peer-to-peer learning so that students would involved in sharing their views and come out with apt solutions for the defined problems. Role play and Brainstorming are practiced for feasible content to learn the concepts in an easy way. The students are promoted for handling Technical topics, which allow students to think broadly and come up with their opinions & suggestions in finding better solutions. The discussions are basically in soft skills, managerial communications,

business adoptions and many more. Our institute consists of various club activities like Nature club, NSS club, YRC club, Energy club, Rotract club, Photography club, Science club to exhibit their teamwork in communicating the needs and responsibilities which needed to face the society in an ethical means. NCP&IR Training department ensures such that students were trained on domain-related tools, technologies and soft skills. Students can access various learning modules available at learning labs or through online e-learning Resources. NIET has partnered with Global technology companies like Microsoft, Oracle, Red hat, EMC, Autodesk, Open stack and many more to train our students on various technologies including Cloud Computing. Students also can take up international certification offered by various companies which will help them to have an edge over other students. Students are trained in different modules from the second year onwards as per the industrial needs.

Problem-solving Methodologies:

Our academic time table inculcates technical seminar hours to enrich students' in presenting the concepts which would give the confidence and happy and the same problem-solving skills, where the students were provided with assignments to discuss and solve. We also support our students for analytical and problematic courses by giving solutions through tutorial classes. These practices will not only benefit the students but also help them to eliminate obvious and hidden barriers among them.

File Description	Documents
Upload any additional information	View File
Link for additional information	http://www.nehrucolleges.org/annual-report.html

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The innovation in teaching is necessary to engage the students for the course of 45 to 60 hours. At the end of the course, the average student's strength will excel in performance and attain the course outcome within-depth knowledge. To overcome the difficulties of slow and inactive learners for attaining the course outcome, it is necessary to renovate the teaching methodology. A few innovative learning methods like Google classroom, online education, project-based learning, and activity-based learning provoke the inactive or

slow learners to be more active in learning the course. The current generation students are smart, and they feel conventional teaching methods like blackboard and PowerPoint presentations are monotonous.

Nehru Institute of Engineering and Technology even during the on-line teaching of Pandemic years the learner were encouraged by attending the quiz question through innovative teaching methodology and also demonstrated the concepts through video learning which made a feel of interactive learning for both slow learners and advance learners.

Nehru Institute of Engineering and Technology customs contemporary Information and Communication Technology tools for effective teaching and learning in a recent scenario. The ICT tools are the latest technology and concepts used in Information and Communication Technology among students to students, students to teacher interaction (e.g., Google Classroom, Kahoot and video lecture). Information and Communication Technology (ICT) facilitated classrooms such as LCD projectors with Wi-Fi facilities are provided to enable the students to visualize the concepts in being taught.

Our institute builds a bridge between students and technology through Content Management System (CMS) by providing resources and materials for various courses.

CMS provision also incorporates Google Classroom teaching to make each individual participate eagerly. Google Classroom enables students to access materials like course plan, lecture materials, question bank with answers, sample university question papers, Formula book, assignments and tutorial problems by the students anywhere digitally through students' mail id.

We also craft education by conducting quiz, brainstorming, and discussion through the Kahoot tool. This Kahoot learning game involves the entire students in the class to play the quiz on time basis through their mobile phone.

Faculty members teach their concepts clearly by presentation, animations, video lectures to students through smart board teaching and NPTEL videos. Our Institute provides a gateway to access the course materials and videos opted by NPTEL to enhance students understanding capability.

Course teachers help the students to hone their skills through participative learning exercises such as CLG-Collaborative Learning Group, SOLE -Self Organizing Learning Environment, Group Discussion, Case Studies, Quiz, Demonstration of videos, Models, Charts, etc.,

Faculties motivate a few students to present technical seminars on some topics using PowerPoint presentation tools to support learning methods and the same was recorded and uploaded in YouTube link for students' references.

Class advisors create a Whatsapp group to communicate information and to share study materials for preparation during examinations.

We create interest towards Research activities by insisting our students to update the recent technology by referring various journals through Digital library, DEL NET, Science Direct, Library Web pages, DIGI MAT digital repository, NDLI links.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	No File Uploaded

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

147

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

147

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

38

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

147

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Nehru institute of Engineering and Technology is affiliated to Anna University, Chennai and follows the Examination pattern of the university. Anna University guidelines are strictly adhered to with respect to the evaluation process. There are three internal tests conducted. The schedules of internal assessments are communicated to students and faculty at the beginning of the semester through the institute academic calendar which is prepared based on the university academic calendar.

In the pandemic time Nehru institute of Engineering and Technology conducted 3 internal test and mark displayed in the google classroom for their satisfaction and the absentees are noted by all the respective subject teachers and the particular date announced to the absentees for one more chance to take up the test with the discussion through Head of the department and to their convenient' the test conducted for the absentees if they go with valuable reasons during the date of test period.

The institute has reformed the continuous internal evaluation system from faculty centric to student- centric. The Institute Exam cell framed guidelines for conducting the CIE in line with the calendar of the Affiliate University and the Institutions. As per the guidelines, the following reforms have been carried out effectively conducting CIE:

Scheduling of Internal Examination, Seating arrangements, hall invigilators listed for every examination.

Preparing the question paper for the internal examination in the prescribed pattern based on Knowledge level using revised Bloom's taxonomy.

Scrutiny of the prepared question paper is carried out by HoD/ Subject expert to ensure the quality of the Question paper.

Monitoring the attendance of the students for the Examination.

Internal Assessment has to be carried out within the stipulated time.

After completion of the internal examination, the faculty evaluates the answer scripts and distribute it to the students for doubt clarifications or re-correction. The faculty submits the re-corrected scripts to the examination branch and marks are displayed on the

notice board.

Result review meetings are conducted with result analysis and the remedial actions for further improvements are arrived after discussion with faculty, HoD, and Principal.

Upload of assessment marks in the university web portal and subsequently communicated to parents.

The evaluation for theory courses is assessed in direct mode (80%) covering both internal and university examinations and indirect (20%) covers survey.

The evaluation for laboratory courses is assessed in a similar pattern followed for theory courses. For each laboratory session, the student is assessed through viva questions, observations.

The evaluation for the project course is assessed by conducting periodical project reviews covering key parameters like problem formulations, understanding of the project, presentation skills, communication of ideas, technical knowledge, team work and project management. The major project consists of 200 marks. The project review committee organizes review meetings to assess the progress of all the project batches.

The performance of the students in Internal Assessment is used for Faculties to identify slow and advanced learners in their respective subjects. Slow Learners are encouraged to improve their performance in the future by counseling. Counseling Sessions are used to sort out personal issues, academic and non-academic problems.

File Description	Documents
Any additional information	View File
Link for additional information	http://www.nehrucolleges.org/aqar/2.5.1.pdf

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

Nehru Institute of Engineering and Technology has devised an efficient mechanism to deal with examination related grievances which transparent in the pattern and conduction of CIE and rectification of grievances is time-bound.

The college follows strictly the guidelines and rules issued by the

affiliating university while conducting internals and semester-end examination.

At Institute level:

At the Institute level, an examination committee, comprising of a senior teacher as a convener and other teaching and non-teaching staff as members, is constituted to handle the issues regarding the evaluation process.

The teacher distributes evaluated answer scripts to students, and any clarifications or grievances are addressed by the teacher. The internal marks are displayed on the notice board. If any discrepancy like mistakes in the question paper, mark allocation, correction is noticed by the students, the concerned teacher will resolve the discrepancy, and the necessary corrections will be made. If a student is not satisfied with the marks awarded even after resolved by the teacher, then he may represent the same to the Head of the Department (HoD) concerned. All such representations are taken positively and are reassessed by another teacher if necessary.

Parents are informed about their ward's performance through SMS and Mail. Students are counseled by the faculty mentor, and remedial classes are conducted for students who have failed in the examinations. Retests for the Internal Assessment is conducted for Students who remain absent for internal exams due to genuine reasons.

In the pandemic time our institute conducted 3 internal test and mark displayed in the google classroom for their satisfaction and the absentees are noted by all the respective subject teachers and the particular date announced to the absentees for one more chance to take up the test with the discussion through HoD and to their convenient' the test conducted for the absentees if they go with valuable reasons during the date of test period.

Within a time-bound the Internal Assessment marks are entered in the University web portal, by student's login, students can individually view their performance in the University portal.

At University level:

If students have grievances related to the evaluation of university answer scripts it is intimated to the subject handling faculty and head of the department if necessary, for further action.

Students can bring their grievances by applying for the following evaluation procedure:

Re-Evaluation:

Students can apply for re-evaluation of their answer scripts within a week from the declaration of results if they are not satisfied with their results. The results of the re-evaluation will be announced as per the university norms.

Challenge Evaluation:

Nehru Institute of Engineering and Technology follows strictly the guidelines and rules issued by the affiliating university for challenging evaluation. As per the Anna University guidelines students those who are failed in Revaluation can apply for the challenging Evaluation from the support of internal faculty members.

File Description	Documents
Any additional information	View File
Link for additional information	http://www.nehrucolleges.org/agar/2.5.2.pdf

2.6 - Student Performance and Learning Outcomes

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

Nehru Institute of Engineering and Technology has formulated well-defined Vision and Mission statements and in correlation with this, each department formulated its own vision and mission statements that have been approved by the academic council. The department formulates the Programme Educational Objectives (PEOs), Program Specific Outcomes (PSOs) for each programme Outcomes (POs) and Course Outcomes (COs) for all the courses in the curriculum. In the Department meeting, they are analyzed and implemented. The approved Statements are published in the Institute Website and Communicated to Various Stakeholder.

The respective subject teachers expatiate the course outcomes to the learners and the objectives as well as outcomes in learning each topic to the learners in the end of the course for the betterment

and to get the confidence to take up the university Examination.

Programme Outcomes (POs) and Programme Specific Outcomes (PSOs) Formulation.

The Graduate Attributes (GA) of Engineering Program is adopted without alteration as Program Outcomes (POs). Articulation of PSOs and identification of the Knowledge/ Skill/ Attitude Level were done through a sequence of meetings based on the suggestions from stakeholders.

Course Outcomes (COs) Formulations:

Articulation of COs based on revised bloom's taxonomy and identification of the Knowledge/ Skill/Attitude Level were framed by course handling faculty and course coordinator with the suggestions of course mentor. COs are mapped with POs / PSOs by course handling faculty with the suggestions of the course coordinator. Verification of compliance for attaining the POs/PSOs is done in the Department meeting for all courses.

Teachers are aware of Programme outcomes and course outcomes by attending different programs arranged by the institution. Faculties are oriented by many workshops and seminars on Outcome Based Education (OBE). Faculty members have attended many programs related to Outcome-based Education.

Students are aware of disseminating the course outcomes and programme outcomes in various places. Faculty members are getting the course outcome survey every semester. The Question papers are prepared based on Knowledge which includes Course outcome.

In NIET, assessment for each course and the entire programme is generally divided into two types:

1. Direct Assessment
2. Indirect Assessment

The direct assessment is further assessed from

1. Internal Assessment - Class test, Internal test, Assignment/Tutorial
2. External Assessment - University Exam.

Direct Attainment: The attainment is used for assessing student's knowledge, skill and attitude based on a topic covered when the

course is in progress.

Indirect Attainment: The attainment is used for assessing students' opinions on the topic covered at the end of each course. The indirect attainment is carried out through course end survey at the end of each course.

The mechanism for dissemination:

The process for publication and dissemination of the stated vision, Mission of the Institute/ Department, POs/PSOs/PEOs/COs of the programme are carried out by the listed mechanism:

- **Website:** Vision, Mission, POs, PSOs, PEOs and COs are published on the college website.
- **Posed Location:** Banner is exhibited in the main foyer of the concerned department. They are also prominently displayed on the Department Notice Board.
- **Catalogs of the Department:** The Catalogues are disseminated to all the stack holders of the program through faculty meetings, Alumni meetings, and Conferences.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://www.nehrucolleges.org/
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Attainment of Course Outcome:

In the Outcome-Based Education (OBE), assessment is done through more than one process, which is carried out by the institution that identifies, collects, and prepares data to evaluate the achievement of course outcomes (COs).

Assessment tools are categorized into two methods to assess the course outcome:

1. Direct Assessment method
2. Indirect Assessment method

The direct method displays the student's knowledge and skill on their performance in continuous internal assessment tests, semester examinations, seminars, classroom and laboratory assignments, etc. These methods provide a sampling of what students know also provide strong evidence of student's learning

The indirect method, such as survey of the stakeholders that reflect on student's learning. The different stakeholders give opinions or thoughts to assess the graduate's knowledge or skills.

Our institute affiliated to Anna University' so as per the system of university norms and regulation we followed the structured in a well-defined manner as even during the Pandemic period and in the toughest situation also the respective teachers of various subject prepared set of questions for the slow learners from important units to give confidence to take up the internal assessment and external assessment.

Here, the direct assessment includes both internal and external assessments. The internal assessment is based on the performance of the student in internal tests and assignments. The external assessment is based on the performance of the student in the university examinations. The indirect assessment is based on the course end survey.

Process for measuring CO attainment:

- 80% of formative and summative assessments are carried out to calculate the direct attainment of courses.
- 20% of the Course End survey is considered to calculate the indirect attainment of courses.
- From the above direct and indirect attainment of all the courses provides 100% of course attainment.

The process used for setting course attainment benchmark values.

- The course-wise university grades for previous years were analyzed
- The course proficiency and the level of attainment are set by the course coordinator.
- The appropriate course target level for the entire programme is set by Department Meeting.
- The set target level is revised after the attainment of three consecutive batches is achieved.

Attainment of Program Outcomes and Program Specific Outcomes:

PO/PSO assessment is done by giving 80% weightage to direct assessment and 20% weightage to indirect assessment. Direct assessment is based on CO attainment, where weightage is given to attainment through university exams and internal assessments. Indirect assessment is done through the Graduate exit survey and alumni survey.

Assessment Tools - PO attainment

1. Direct Mode: Course Attainment
2. Indirect Mode: Exit Survey

Frequency of evaluation: At the end of each programme.

Assessment Tools - PSO attainment

1. Direct Mode: Course Attainment
2. Indirect Mode: Exit Survey & Alumni Survey

Frequency of evaluation: At the end of each program

Process for measuring PO and PSO attainment:

Course attainment is considered for measuring 80% of PO & PSO attainment.

Graduate Exit survey is considered as indirect attainment for measuring 20% of PO & PSO attainment.

The process used for setting course attainment benchmark values:

- The target values for POs / PSOs attainment are' for the entire programme are set by Department Meeting considering POs / PSOs attainments of previous batches.
- The POs / PSOs target level is revised after the attainment of three consecutive batches are achieved.

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

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the

year

450

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	http://www.nehrucolleges.org/annual-report.html

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)

<http://www.nehrucolleges.org/Students-Satisfactory-Survey.html>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

0

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

7

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Nehru Institute of Engineering and Technology is striving the young technocrats to carry out the projects for the social welfare measures. The training is being given to the students on specific domain according to the industry needs and make them ready. NIET has good tie ups with industries. Many ideas and suggestions are obtained from the industrialists to identify the key areas and accordingly the training is being provided periodically.

The following are few Centre of Excellence (COE) based industry training given to the students.

CISCO Networking and Security Laboratory: The objective of the programme is to provide industry based training in Networking and Security, Firewall Installation for the students. The CISCO training programme is given by the organization M/s Avatar Academy.

INTEL Intelligent Systems Laboratory: IIS lab has been setup to enhance student's employability skills in order to bridge the gap between industry and academia.

Knowledge Corner: It is a unique practice followed by the department apart from the curriculum, to promote the student's knowledge in special topics at seminar hall on every Friday. The topics are selected in narrow region of engineering stream based on current developments by a resource person from various industries and MNCs.

I Cube: I cube is an integrated display hall of best projects done by the students to rework their idea for developmental activity. The best projects are reviewed by a senior professor in the department and university examiner suggestions. Every year best one is replaced by newly innovated projects.

TEXAS Instruments Laboratory: The TI University Program is the intersection between TI technology, educators and the engineers of tomorrow. Our advanced analogue and embedded processing technologies fuel the passions of students and educators in university labs worldwide.

New Generation and Innovation Entrepreneurship Development Centre: It is a 5-year programme that supports more than 100 Student Innovative Ideas with a Grant-in-aid of Rs.2.5 Lakhs per Idea in a year to develop Innovative Idea into a Prototype.

Aero Modeling and UAV Laboratory: Aero Modeling and UAV Laboratory was well equipped with all the necessary facilities. In the

Laboratory, students can carry out design, fabricate and fly models. Some of the students utilized the Aero Modeling and UAV Laboratory for their projects, a student V. Balaji and his team won first price and cash prize of Rs. 21,000 at National Quadcopter Championship at IIT - Bombay

P.K Das Energy Park:The main objective is to increase the contribution of non- conventional energy sources in the energy balance. It strengthens community, their awareness, promotes them using energy efficiency, protecting environment.

Objectives: To create an awareness about the impact on renewable energy sources for the students. Make the student to involve mini projects, main projects and research by using renewable energy sources.

Industry Institute Interaction Cell: The IIIC enables to conduct seminar, workshops, FDP for the students and staff on par with state of the art technology. The cell facilitates the MoU with industries in order to provide the training, field trips and internship etc. for the students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://nehrucolleges.org/NAAC/Innovation%20ecosystem.pdf

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

11

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

0

File Description	Documents
URL to the research page on HEI website	https://nehrucolleges.org/NAAC/Research%20&%20Development%20Cell.pdf
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

44

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Nehru Institute of Engineering and Technology actively organized various extension activities such as awareness programmes on Covid 19 prevention, Importance of Wearing Face Mask, intake of Nilavembu Kasaiyam, etc. via physical and virtual mode due to corona pandemic situation. NSS volunteers' service to the public is playing a vital role like adapting a particular village to make awareness of doing cleaning works and educating awareness.

The following activities have been carried out through National Service Scheme/YRC/RRC and Rotaract clubs during the academic year 2020-2021:

- NSS Volunteers distributed Nilavembu Kasaiyam to staffs, students and also for nearby village people to increase their immunity power.
- Every year we celebrate our national days like Republic day, Independence day for remembrance of our freedom fighters and their hard work.
- NSS students have carried out tree plantation in the Institution premises every year on Independence day and Republic day.
- Our NSS students had created the awareness about Covid-19, importance of wearing face mask, maintaining a social distance in public place.
- From the inception of the year 2010, food is being provided at free of cost to the Thirumalayampalayam village people every day morning and afternoon in the name of AMUDHA SURABY.
- Students had organized Blood donation camp and many donors donated their bloods with a sense of responsibility for the social cause.

File Description	Documents
Paste link for additional information	https://nehrucolleges.org/nss.html
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	No File Uploaded

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

12

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in

collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

879

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

43

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

4

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

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 equipment etc.

Nehru Institute of Engineering and Technology provides the right environment with natural learning in harmony with nature and away from city life. It is located at Thirumalayampalayam, Coimbatore encompassing a sprawling area of 10 acres with a built-up area of about 33000 Sq. m.

CLASS ROOM:

All the classrooms in the departments are provided with necessary provisions to enable the use of LCD projector and Laptop for teaching -learning process. Each class is provided with a green/blackboard and stage with a sufficient number of lights and fans.

LABORATORIES

The institution has modern, well-equipped laboratories with the latest equipment and required software for all the programs. All the laboratories are equipped with safety equipment such as fire extinguishers, awareness boards for "Do's and Don'ts", first aid box and safety precautions board.

The college has the following supplementary facilities in the campus

- Syndicate Bank with ATM, Canteen, Stationery Store, Medical Facility (Doctor Service with ambulance facility), Sprawling

playground to conduct sports and games events

- The Institute has two hostels one for boys and one for girls with internet facility and other modern facilities.
- Good transport facility for more than 50KM and Separate Parking facility for Faculty and Student

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.nehrucolleges.org/agar/4.1.1.pdf

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

The Department of Physical Education (DPE) of NIET has been putting in its best efforts in imbibing knowledge and imparting skills to students and faculty in various sports and games, developing them to higher levels of expertise. Sports club of NIET has successfully induced the sporting culture among the students and faculty, which is evident through the laurels achieved. The DPE comprises of 2 Physical Directors and supporting staff.

Prominent Features

Qualified Physical Directors and Supporting staff, playing area of 1,000 Sq.m. Sponsorships to elite players, Exposure of students to state and national-level tournaments, Individual attention to every player through mentoring, indoor sports complex

Infrastructure and Facilities

The Institute is enriched with play area which includes:

Athletic ground, Football, Volleyball, Kabaddi, Kho-kho, Ball badminton, Basketball, Chess, Badminton, Table tennis, Carrom, Billiards etc.

Cultural Activities

NIET strongly believes that Cultural activities are an integral part of enjoyment and entertainment. The "Avatar" Cultural Club of the institution aims at identifying various hidden talents of the students and helps to bring out their talents. It encourages and brings out the artistic capabilities of students in the field of

Music, Dance, Drama, Visual Arts and other cultural activities.

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

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

56

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://nehrucolleges.org/aqar/4.1.3.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)**4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)**

47.89

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

Nehru Institute of Engineering and Technology established a spacious Central Library in the name of PK Das Knowledge Fort with an built up area of 30,000 sq.ft in a pleasant environment. The library has developed an excellent collection of books, journals and non-book materials in Science, Engineering, Technology, Humanities and Management. It maintains separate collections of reference books, standards, and back volumes of journals, technical reports and compact discs. The library is using Auto Lib OPAC (Online Public Access Catalogue) and the users can search the Library Online Catalogue by author's name, title, subject, and keywords available on the campus LAN. The total collection of library stands for 28601 volumes and 198 National and International Journals and Magazine

- The Institute installed Integrated Library Management System (ILMS) namely "AutoLib" in the year 2006. Library has provision of s/w such as AutoLib software with OPAC (Online Public Access Catalogue) for students & faculty members to search books by title/ author name etc
- AutoLib Software's flagship product is AutoLib Library Automation and Management software, which is the leading solution for academic institutions internationally and is a total Library Automation Solution Provider

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://www.nehrucolleges.org/library.html

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources **A. Any 4 or more of the above**

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

3.20

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

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

120

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

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

NIET constantly upgrades both software and hardware as per the prescribed norms and academic standards

Following are the strategies for deploying upgrading IT infrastructure and associated facility

- Computer systems are configured with I- processor, core-2 duo and dualcore in all the labs
- Wi-Fi connectivity provided on entire campus is upgraded periodically
- Hardware firewall (Cyberoam 300ing) and Antivirus software are produced for security. IT enabled accessories are purchased as per requirement. Maintenance is carried out regularly.

Risk Management:

The institute IT assets such as website, E-Resources, campus automation system is protected against vulnerability, threads and theft through Kaspersky antivirus.

Open Sources Resources:

College emphasizes and use of free and open-source software as per guidelines of AICTE and affiliating University.

LAN Facility:

Both Ethernet and Wi-Fi with broad band leased line internet facility are available in all the department and office building. Ethernet, LAN and 60 MBPS dedicated Internet facility have been upgraded Wi-Fi ALN and Broad band internet connectivity to provide Seamless transmission of Data and optimal remote access of computing resources. Up gradation to fiber optic LAN in the campus in agenda for future.

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

4.3.2 - Number of Computers

549

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

86.46

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

Maintenance of the physical Infrastructure and Utilization:

The maintenance and upkeep of the infrastructure facilities are carried out the surveillance of the campus supervisor. The campus supervisor keeps the records of Infrastructure maintenance.

Maintenance of Computer:

A separate computer maintenance team Centralized Computer Centre (CCC) is responsible which handles the departmental requirements.

Maintenance of Lab Equipment:

All the departments take care of timely maintenance of the laboratory equipment.

Upkeep and maintenance:

All departments shall strictly follow the laid down procedures and guidelines of the institute with regard to cleanliness and preventive and corrective maintenance of infrastructure. This shall include the following.

1. Regular cleaning of class rooms, Seminar halls, Labs etc.,
2. Regular inspection and periodic maintenance of equipment including lubrication, wherever

Necessary.

3. UPS and GENSET maintenance are carried over by AMC periodically.

Library:

The Librarian, ably assisted by a team of supporting staff, looks after the maintenance of the library books, journals, periodicals, furniture, electronic equipment, computers and software.

Sports Complex:

The Sports Complex comprising different playing fields, track & field, Indoor Stadium, Gym and Pavilion is regularly cleaned and well maintained by support staff. Regular mopping of the Indoor Stadium is done.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://nehrucolleges.org/aqar/4.4.2.pdf

STUDENT SUPPORT AND PROGRESSION**5.1 - Student Support****5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year**

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

585

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

112

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills
Language and communication skills Life skills
(Yoga, physical fitness, health and hygiene)
ICT/computing skills**

A. All of the above

File Description	Documents
Link to Institutional website	https://drive.google.com/file/d/14FqYhTx7jD95AIJS2c9CM8PGVzZXcCmW/view?usp=sharing
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

Nil

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

174

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

11

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

7

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

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

10

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

Nehru Institute of Engineering & Technology encompasses various Committees for the prosperity of the students and provides opportunities to take part in the Administration as well as

Departmental activities, and Co-Curricular activities.

Class Representatives

In every Academic year, a student is selected based on merit and interest to be the class representative. The role of the class representative is to bridge the gap between the class students and the Class Advisor and this inculcates leadership qualities in the students. Communication is made regarding the general necessities of the students as one-point contact.

Class Committee

For every class, the academic progress of each class is evaluated in frequent intervals. Few student representatives comprising Bright students and slow learners from each class along with the faculties handling the subjects form this committee. A faculty member not handling any subject to that class act as the Chairman.

Department Associations

In every Academic year, the students participate in the decision-making process of selecting activities to be organized by the department like seminars, workshops, guest lectures, value-added courses etc. through meetings. Each department has an association consisting of students nominated based on merit for President, Vice President, Secretary and Treasurer guided by a faculty member as an advisor to discuss and decide the meetings to be conducted.

Student Council

The college has an overall Student council. Each department will suggest a Student based on their academic performances who will be constituted in the Student Council every academic year. The Student council involves in the following activities:

1. Organizing College day and Avatar (National level intercollegiate meet) functions every year and functions like Celebrations of festivals namely Independence Day and Republic Day, Onam and Pongal effectively under the guidance of the convener and the faculty members.
2. Publishing College Magazine 'VISTA' during College Day Celebrations annually.
3. Dissemination of College / Department POs, PSOs, PEOs along with other relevant information for the students through student's handbook which is prepared with the help of student

council members.

4. Organizing Sports Day from House formation to Team selection with the support of the student council advisor and the Physical Director.
5. Mediating between management and students to solve the general issues.
6. Extending support to principal office/department.
7. Giving feedback to the Principal for the smooth functioning of the events like college day, Graduation day, Symposiums, etc.,
8. Students have representations in the Transportation Committee for the smooth operation of the Transportation Department of the college which has a fleet of 40 buses operating over a maximum radius of 70 km every day in both Tamilnadu and Kerala.
9. College follows an open system to all the activities and student members are nominated and freely suggest their grievances through grievance and redressal cell.
10. Women students have representation in the women empowerment cell and welfare committee of the college.

Student members are taking part in various bodies like Library advisory committee (One student from every department), Grievance and Redressal Committee (one representative from each class), Academic Advisory Committee (Department level, One student from Each Class or Section), Transport Committee (Student In-charges in all the buses for both Tamilnadu and Kerala routes), Curriculum and Planning Committee (Student Representative), Selection of Elective papers (Class Students), Review Meeting (10-15 Student Members per class), Class Committee meeting (10-12 Student Members per Year).

Student Feedbacks

The students give feedback about the department activities and for the development of college welfare to management through the Advisor of NGI and the Principal, NIET.

File Description	Documents
Paste link for additional information	http://www.nehrucolleges.org/NAAC/Student%20Counci0.pdf
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution

participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

117

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

NIET alumni connect

The college has an alumni association in the name of alumni connect whose meeting is mostly organised in

the college campus itself every year or sometimes off campus at hotel of major cities. The alumni

meetings are discussing steps to be taken for the development of the college with regard to industry institution collaboration and job opportunities. These suggestions are conveyed to the college council

through the Principal and necessary steps will be taken. The Alumni Association seeks to unite graduates with each other and current students through mentoring and career development programs, events and reunions and a range of volunteer opportunities.

The alumni connect is conducted once in a year, where the alumni from different batches are discussing

their views and give suggestions for the betterment of the junior students The alumni connect is organised by the alumni committee of

the college and the alumni are honored. These meetings are mutually beneficial for the Institution and the alumni. This offers chances for the alumni to meet their friends and act as a bridge for the faculty to share their experience, knowledge and suggestions. The alumni are invited o the institution to deliver talks on career guidance and seminars for the students in their areas of expertise and motivate the young minds. Successful entrepreneurs from are invited to talk about their success stories with the budding engineers.

The alumni also help the students of the college to get opportunities to undergo industrial visit or internship

in their organizations or to assist them to get it through their references.

They also help the students for getting placement in their organization and alumni connect meetings pave

the way for the successful placements of the students.

Students are a part of the institution after their graduation also. Keeping this in mind only Alumni

Association is formed and it keeps track of past students' career growth. They are given link in the

institution website to give constructive feedback and suggestions at any time from anywhere

Moreover, the members of Alumni association often visit the institute and share their knowledge and

experience with our staff and students. Knowledge and skill development programmes are conducted based

on their suggestions given by them

File Description	Documents
Paste link for additional information	https://sites.google.com/a/nehrucolleges.com/ngialumniconnect/
Upload any additional information	View File

**5.4.2 - Alumni contribution during the year E. <1Lakhs
(INR in Lakhs)**

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

VISION OF THE INSTITUTION

"Our vision is to mould the youngsters to acquire sound knowledge in technical and scientific fields to face the future challenges by continuous upgradation of all resources and processes for the benefit of humanity as envisaged by our great leader Pandit Jawaharlal Nehru"

MISSION OF THE INSTITUTION

- *To build a strong centre of learning and research in engineering and technology*
- *To produce quality engineers, dedicated scientists and leaders*
- *To encourage entrepreneurship*
- *To face the challenging needs of the global industries*
- *To facilitate the youth to learn and imbibe discipline, culture and spirituality*

Articulation of the mission

The mission of the institute would become into reality only if we could make the students into professionals with technical competence and managerial skills with no compromise on moral values and professional ethics. In the journey of accomplishing the vision, the institute strives to bring a holistic development of the students to fulfill the expectancies of the industry, society and nation.

The nature of governance, perspective plans and participation of the teachers in the decision making bodies

The top management headed by the CEO & Secretary who is the highest authority in leading the administration of the institution. The CEO

& Secretary presides over the Governing Council meetings and subsequently based on the recommendations of the Governing Council, the activities such as commencement of new courses, expansion of infrastructure, implementation of strategy, ratification of agreements and MoUs and other important decisions are taken by the CEO & Secretary.

The CEO & Secretary leads the administration of the institution and guides Principal, faculty and students towards the vision and mission of the institute. The strategic plans of the institute are framed based on the Vision and Mission of the institute which are driven by the expectation of the corporate world, society and stakeholders. The strategic plan is further discussed with the Principal and Heads of the departments for execution. The perspective plans are envisioned and prepared by the Principal for day to day events and schedules. The academic calendar that contains schedules of the internal assessment tests, industrial visits, conferences, workshops, seminars, FDPs, club activities, sports day, cultural festival celebrations, NSS activities etc., is prepared by the Principal after having discussions with IQAC and the HODs and various committee members. The Principal ensures the consistency in quality standards in teaching learning Process, evaluation system and OBE related activities. The various quality improvement programs are initiated by the Principal and subsequently for the Implementation of quality programs, discussions are held among Principal, Head of Internal Quality Assurance Cell (IQAC) and Dean, Director, all Heads of the departments. At implementation level these programmes are implemented by HODs, In-charges and Coordinators of various cells. Only with the approval of the Principal, all the action plans for the departments are implemented by respective HoDs. The teaching and non-teaching members are assigned with the roles and responsibility to work in a harmonious environment with complete transparency to implement the action plan. The HODs periodically conduct the meeting in their departments to assign the work and review the progress of work to achieve the action plan.

File Description	Documents
Paste link for additional information	https://www.nehrucolleges.org/agar/6.1.1%20A.pdf
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and

participative management.

Decentralization

The institution clearly defines the decentralization process through delegation of authority. Top-level hierarchy is responsible for controlling and monitoring the entire institution. It includes the COE & Secretary, Governing council members and Principal. The Governing Council facilitates the COE & Secretary with regard to broad guidelines, policies and framework for the improvement of quality education in the institution. At various hierarchy levels, all the faculty members are assigned to take up various activities related to the development of the institution that are given by the management through the Principal. The academic and administrative activities of the Institute are headed by Principal and also he forms various committees and assigns responsibilities. In this process various Dean, Director, Head of the Departments (HOD), Librarian, Physical Education Director execute institutional plans. It includes all the faculty members, non-teaching staff and others are available to help the middle level managers by coordinating the activities delegated to them. In all academic and non-academic activities, institution follows the participative management for implementation of all its decisions.

The college service rules are framed by the governing council of the Institution in accordance with the provisions of AICTE norms, Anna University rules and regulations. These service rules are implemented as per the service rule book called "Rules Book" which comprises of the following items under which the related rules are clearly mentioned. The duties and responsibilities of academic staff members are defined clearly for Professor, Associate Professor, Assistant Professor, Training & Placement Officer, and Librarian. The functions and responsibilities of the Governing council and other committees are defined. The responsibilities and functions of the Principal, Head of the Department, the teaching and non-teaching staff are defined. The terms and conditions of service of permanent employees such as rules of conduct for the employees, Leave Rules, Travelling Allowance Rules are framed in the rules book. The Rules regarding the deputation of faculty members are also well defined.

The service rules book is available with the head of departments and Central Library and the information is made available to all the employees of the Institution. The objectives of this decentralization process are to facilitate quick decision making related to academic and administrative activities at all levels. It also involves the faculty members and officers at administration

positions at different levels in practicing the responsibilities with accountability to ensure transparency in the academic and administrative activities in timely follow up actions.

Participative Management

Implementation of E-Learning Resources as a participative management is achieved through the student council members who requested the council head for all the class notes, review questions, university questions, and lecture videos in the form of soft copy. The student council head requested Principal and subsequently a meeting was arranged and the need of E-Learning was discussed. In that meeting a decision was taken on creation of an E-Learning system (ELS) for the Institution for the benefit of all students.

All committees are working effectively for the regular functioning of the institute. This administrative mechanism imparts participative management functions.

File Description	Documents
Paste link for additional information	https://www.nehrucolleges.org/decentralization.html
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institution has a strategic plan in tune with the vision and mission of the college. During the COVID-19 period, the strategic plan is developed on considering prevailing societal conditions and technological supports and contribution of the resource persons from academics and industry sectors. The online free webinars are planned for the benefit of students and academicians, researchers and industry persons. Each department has schedule for webinar series under various topics in thrust areas. The college conducted many webinars under Industry-Institution collaboration that is perceived from the strategic plan of the institution for this pandemic year.

MISSION OF ONLINE WEBINAR LEARNING

The principal mission of online learning is to enhance student access to the online academic programs. Of equal importance,

The online webinar sessions are essentially planned to support the students to acquire the technical knowledge skills on various domains in thrust areas. The online learning strategies imparts the seamless continuation of their academics and professional goals. By imparting training to the faculty members on teaching methodologies for online sessions, our faculty members simultaneously acquire new instructional skill sets which is important to their academic growth and professional development. The college is committed to provide the support and resources to students and faculty as they need to succeed as participants in online teaching-learning process.

THE IMPORTANCE OF ONLINE WEBINAR LEARNING

Online learning greatly helps the students to acquire the knowledge according to their requirements that comes outside of the traditional classroom scenario. The online webinars are particularly important to students who are willing to gather many ideas for developing projects thereby developing the technical skills and online learning strategies as they need to pursue their future educational and professional goals.

Advanced programs designed to meet the complementary needs of technical knowledge for the working professionals. These kind of online programs strongly support the college mission of serving regional and statewide economic and workforce development as social commitment which is required for less privileged learning community.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.nehrucolleges.org/iot-lab.html
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Organization Setup

The Mechanism of providing right direction to programs is derived through Vision and Mission institution. The Approval process is implemented through HoD meetings for annual academic, program budget on and expenses, review of department activities. At the Institution

level annual performance appraisal, collection of informal feedback from students for improvement process, review of complaints and suggestions by monitoring the corrective measures for implementation are followed.

The Single Point of Contact for Anna University and AICTE, approval of proposal for projects forwarded to various funding agencies. The approval of human resources requirements for the institution, towards identifying, planning and monitoring the Academic Performance Improvement initiatives are followed. It is responsible for the following such as research, innovative activities, review, approval of students, faculty project proposals for funding, counseling faculty for pursuing researches. Responsibilities of Head of Departments are to chair the Department Advisory Committee Meetings and to give Approval to program in accordance to Vision, Mission and PEO's. The curricular gaps, relevant value-added courses, monitoring of Teaching-Learning Process, attainment of course and program outcomes, identification and monitoring of program outcome and initiatives for improvement are discussed in HoDs meetings.

Approval and implementation process of Department Academic Calendar and Time Table, Course Plan, Planning, Allocation and Utilization of Human Resources, Planning, Procurement and Utilization of Department Level Infrastructure/Labs/Equipment is carried out at department level by HoDs. The following process such as identification of class advisors and mentors and allocation of students to Mentors, Chairing Department Review Meetings and Class Committee Meetings, identification and provision of co-curricular programs, Approval of student, staff leave and on duty requests, Identification and monitoring of staff competency enhancement initiatives, reviewing and monitoring of support initiatives for slow Learners, reviewing and monitoring of support initiatives for advanced learners are carried out at department level. At the end of every academic year, the requirement for the next academic year such as recruitment of teaching, non-teaching and administrative staff is planned. A performance appraisal is conducted for all faculties at the end of every year. New faculty induction and evaluation, Annual Performance Appraisal for Department Staff Members, Approval of Reference Books for courses, Preparation of Department Budget and approval of expenses are followed. The Approval for Purchase of Consumables, Guest lecture remuneration, Stationery items and other items are mentioned in the approved budgets. The grievance and redressal committee enquires the complaints from representatives of the students forwarded by the Principal. The date for the enquiry for getting the feedback from Students is fixed after conducting the

meeting with the committee members. By sending an intimation to the applicant and concerned individuals and giving chances to them to put forth their point of view is followed. Coordination among discipline committee, Anti-ragging, Sexual Harassment Committee, Hostel and Mess committee is maintained to solve the issue or complaint registered. By submitting the report of the committee to the Principal, the further action is followed.

File Description	Documents
Paste link for additional information	https://www.nehrucolleges.org/agar/6.2.2%20B.pdf
Link to Organogram of the institution webpage	http://nehrucolleges.org/about-niet.html
Upload any additional information	View File

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The teaching and non - teaching staff have an important role in the growth of the institute and therefore the college recognizes their productiveness and acknowledges their needs and requirements. The welfare measures make employees happy and loyal in turn boosting their morale towards the work and commitments. The enthusiasm of the employees is increased thereby their physical and mental health is also increased. By this way it promotes a dynamic and encouraging

work atmosphere. So, the institution implements various effective welfare schemes. The following list shows the various welfare measures that are provided by the Management.

- Group Insurance coverage for all the teaching and non-teaching employees.
- Bus fees concession at the rate of 50% concession for all employees.
- Providing sponsorship for teaching faculties for higher studies.
- Recommendation and permission given by the institute to the employees for loan facility from the syndicate bank.
- Fees concession is provided to the wards of employees.
- Gifts, Sweets are distributed during Pongal, Onam and Diwali festival celebrations. Providing concession for the treatment given in dispensary located in the campus.
- Free medical consultation is given by the resident doctor and first aid and 24x7 ambulance services are available.
- Twelve days on duty given to teaching faculties for attending Faculty Development Program
- On duty is given for 16 days to attend the university assignments.
- Twelve days casual leave is given to all employees as per the norms
- In summer vacation 20 days and winter vacation 10 days are given in each semester.
- 5 days leave for marriage given and wishes and compliment will be sent from Management.
- 50% Registration fee sponsorship for attending outside programs
- Incentives for authoring books and publication in referred journals and reputed conferences
- Organizing orientation program in every semester for all the employees.
- Awards and rewards are given to recognize and appreciate for meritorious work of the employees. All the non-doctoral faculties are encouraged to get enrolled for Ph.D. program in various Universities. Providing on duty to pursue Ph.D. program.
- Cafeteria and Stores and stationery shops are established for the benefits of all.
- The best teachers and life time achievement awards are given to the deserved faculties in every year.
- ESI, PF coverage is provided for the entire non-teaching faculty, who have completed one year of service.
- Conducting health camp for all faculties to ensure the good

physical conditions.

- An advance amount is granted as a financial assistance to the employees, when it is demanded by them.
- The NGI-Excellence award is given for the teaching and non-teaching faculties in the to honour the dedicated service who completed continuous 10 years of service.

File Description	Documents
Paste link for additional information	https://www.nehrucolleges.org/images/HR-policy-NIET.pdf
Upload any additional information	View File

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

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

57

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

33

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

102

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The following factors are effectively scrutinized in the appraisal system for teaching staff. The Students feedback, University Examination results, attitude, involvement, commitment and achievement of a faculty with respect to his/her feedback and review of performance. The duly filled self-appraisal form is received from each faculty at the end of every semester.

According to the class room teaching, presentation techniques, course delivery, evaluation of test papers, syllabus coverage and fulfilling the academic commitments in time; the performance of a faculty is assessed based on the mark allocation to the above criteria, An effective performance appraisal system helps the faculties in improvising their performance, enhancing their professional growth and contributing to institutional performance. The performance appraisals provide the information useful for promotion / increment determinations and at the same time, it offers an opportunity for evaluation and discussion of employee weaknesses and strengths.

The faculty appraisal process is based on self-appraisal report; providing the information about academic performance, research activities, developmental activities of department and institute. The student's feedback based on online and oral in class committee meeting. The HOD's evaluation based on the above analysis subsequently the following actions are implemented. The faculty members are encouraged to evaluate and identify their strengths and weaknesses aspects. Faculty members are encouraged to incorporate changes suggested by the appraisal committee, to strengthen the quality deliverables.

The pace of their deliverables as per the student requirements is satisfactorily matched by the faculty members. The completion of the syllabus on time is done by the faculty members based on the suggestions given to them and extra lecture classes are arranged if necessary. The result analysis of internal assessment is done regularly and the remedial classes are arranged to low performing students in reference to academic progress of the students.

Faculty members are encouraged to undertake R&D projects, consultancy work and apply for research grants. Financial support will be provided for filing patent / copyrights. Encouragement is given to the faculty members to participate in conferences and publish the research papers in the international / national journals. By granting OD to the faculty members based on their competency requirement, are counseled to attend FDP, STTP and workshops organized by the reputed Institutions / Universities. The faculty members are encouraged to organize national / international seminars / guest lecturers / workshops/ conferences by sponsoring such events from the institute.

Periodically appraisal interviews are conducted to evaluate the teaching skills and depth of subject knowledge. The assessment results and concluding remarks are taken for the promotion,

increments, recognition, and service continuation consideration. The report of the Head of the department is considered for the performance of non-teaching staff members.

As a result of these measures an academic results and placement have been improved thereby the competency of the students is increased. The Students could confidently participate in various events organized by industry and other organization and win prizes bringing reputation to the college.

File Description	Documents
Paste link for additional information	https://www.nehrucolleges.org/performance-appraisal.html
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

A well-defined internal audit mechanism is followed to inspect the utilization of funds and the internal financial audit process is carried out regularly. The sanctioning process of the budget is well defined and the budgetary preparation is preceded with the process of auditing.

The monthly budget is prepared by all the departments based on the approved budget which is communicated to all the concerned persons. The expenditures of the Institution is monitored and reviewed by conducting budget meeting. The monitoring of expenditure against budget is undertaken annually, where all department in-charges and purchase manager submit their annual expenditure statement to the Principal and it is forwarded to the CEO & Secretary.

To control the expenses and increase the operating efficiency; the auditing procedure is carried out. The Principal office, accounts department, administrative in-charges, department in charges maintain the proper record for all budget expenses. After the verification of vouchers and bills, the accounts department maintains the record of all the expenditures. The income and expenditure statement is audited and validated by a Chartered Account at the end of every financial year; thereby the statutory external auditing norms are complied by the Institution.

Internal Audit

Every financial year, an internal audit process is regularly carried out by the audit section of the institution headed by finance officer. A report is submitted to the Principal from the audit section after complete verification. This audit process is carried out by the professionally qualified and competent chartered accounts. There are no major discrepancies identified by the expert auditors so far. For every account transaction, the account section of the institution properly maintains the cash books, ledgers. After careful verification, each bill is passed. The reconciliation process is done at the end of every month and marked for next month record entry. The preparation of financial statement about income and expenditure with full scrutinization is done by chartered account after receiving the bills from the internal audit section. The same mode of auditing process is maintained for the last five years successfully. The details of audited reports are given in the web link for previous years.

External Audit

The financial reports are presented to Board of Governing council for the approval at the end of the financial year after the college accounts are audited by the Chartered Accounts professional nominated by the college management. For the purpose of permission seeking from AICTE for admitting the next academic year batch, a copy of the statement of audit is sent to AICTE.

The audit reports are submitted to academic bodies at state government and central government level as and when required. Depending upon the previous year money allocation and expenditure trend, the budget proposals are prepared before starting of upcoming financial year. The strength of students, revisions in pay scales to the staff and statutory requirement of infrastructure are also taken into consideration.

File Description	Documents
Paste link for additional information	https://www.nehrucolleges.org/audit-report.html
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources**Mobilization of funds**

The funds are mobilized by the Institute through fees paid by the students who are admitted as per regulations governed by Tamil Nadu Government Higher Education rules and regulation. The other sources of funds are through the internal revenue that is the bank interest accrued from deposits of fund. Other sources of financial revenue include Workshops, Training & Consultancy, Participation fee collected in various conferences and seminars organized by the Institution. A report of sanctioned budget and actual expenses are periodically maintained according to the guidelines specified by the Management and Principal. Institution has well defined mechanism to monitor effective and efficient use of available resources.

The financial resources obtained from above mentioned sources are allocated and channelized for their respective activities. The funds are used for the student academic activities such as organising symposium, cash prizes for the winners of other colleges students in the technical events arranged by this Institute.

The students are provided with TA/DA when they participate seminars and workshops that are conducted in other colleges. For the placement training, development programmes, value added courses, awards given by trust, cash prizes for the rank holders, guest lecture sessions and industrial visits are provided with this fund.

The financial assistance is provided to the students who participate

at various national and state level events and competitions. For each academic year, the institution has the plan towards effective usage of budgeted fund.

Purchases will be made with the recommendations of duly constituted Purchase Committee and with the approval of CEO & Secretary. The amount withdrawn from the banks will follow a systematic mechanism of obtaining the signatures of the CEO& Secretary. In this process the expenditure made will be identified whether it is budgeted expenditure or out-of budgeted expenditure. In case of out of budgeted expenditure, ratification is sought from the CEO& Secretary. Nevertheless, the main source of income in the institute is fees paid by the students/ reimbursement. Every year the Institution proposes the annual budget based on the admissions filled in that academic year and as per requirements to the governing body meeting. It will be thoroughly reviewed comparing with the previous academic year budget and, modifications will be suggested and final approval of the budget will be taken. The approved budget will be utilized as per the schedule. The College mobilizes the funds from conducting the Students Technical Fests, Quizzes, seminars and exhibitions. Further, faculty is encouraged to apply to financial agencies such as TNSCST, AICTE, CSIR and DST to get financial sanctions for Projects and modernization and training programmes.

File Description	Documents
Paste link for additional information	https://www.nehrucolleges.org/
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The Internal Quality Assurance Cell has been constituted in the year 2014 and is playing a crucial role with its initiatives in academic and administrative domains. The prime task of IQAC is to develop a system for conscious, consistent and catalytic improvement in the performance of institution. IQAC motivates the faculty to adopt Innovative processes in Teaching and Learning process. IQAC plays a significant role in establishing MOUS with industry and academia to conduct certification programmes which helps the students to bridge

the gap between the industry requirements and curriculum. To enhance the technical knowledge and entrepreneurship capability, IQAC motivates students and faculty members to make use of different schemes under DST, AICTE, TNSCST, NGI-TBI and NewGEN IEDC... To impart social responsibility, activities are conducted regularly through NSS, YRC and RRC to learn the social ethics and culture. IQAC takes initiative to conduct Co-curricular activities like Science Exhibitions, conduct competitions like Quiz to build competitive and organizational skills in the students.

Significant Contributions made by IQAC

Mentor - Mentee system has been followed for personal counseling and grievances redressal of the students. Mentoring is a student monitoring process. All the personal, academic, co-curricular and extra-curricular information about the students are recorded in the Student record maintained by the respective faculty mentor. Each student's academic and other activities are keenly monitored by the mentors. They take the responsibility of providing additional coaching classes for the slow learners if any, with the help of Course coordinator. Mentors also give extra focus on the students having backlog arrears by conducting additional coaching classes for the slow learners to ensure improved performance. Students with idea of dropping out are specifically counseled by addressing their problem and are motivated to be retained. Ethical and moral values are imparted to the students regularly during the mentoring. Students participating in club and sports activities are encouraged to improve the leadership qualities. Parent meetings are conducted by inviting parents to discuss about their wards performance.

The practice of Outcome Based Education has been introduced in the year 2017. As a part of it, question paper setting based on Blooms Taxonomy Level has been initiated. The course outcomes (CO) of a particular course defined by the subject expert, Programme Educational Objectives (PEO) and Program Outcomes (PO) are well communicated and disseminated to the stakeholders. The outcome is measured for each course and the attainment of Program Outcome is calculated by PO-CO matrix. Finally Programme Educational Objectives and Program Outcomes performance is calculated using PO-PEO matrix. Content beyond syllabus has been taught to bridge the gap between syllabus & recent trends in Technology by conducting seminars, workshops, projects and Industrial Visits

File Description	Documents
Paste link for additional information	https://www.nehrucolleges.org/NAAC/6.5.1-outcome-based-education.pdf
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms. ERP of NIET is focused to maintain and monitor all the academic and non-academic process.

1. Curriculum and Content Management System: A paradigm shift in the teaching learning process is the need of the hour. The new generation students have the expectations to learn from the smart class rooms, and they feel conventional teaching methods like blackboard and PowerPoint presentations are less effective. In order to implement the above objectives, the e-learning process is initiated by IQAC. The teaching and learning process with an excellent instructional design, delivery, supplemented by video presentation is developed by the students as an application to be used in mobile phones very effectively. This e-learning tool is made for teaching and learning in the digital environment where online resources are to be created and uploaded. Students can access to courses offered online with instruction and course materials, notes, course topics, YouTube video channel containing lecture videos and discussion forums
2. Student Management Process The IQAC specifically implemented an automatic SMS system through the icampuz where SMS is automatically sent to parents when they are absent from the class. This is mainly used to register all the details of students with their educational details and family background through icampuz. The attendance of student is maintained and monitored effectively. This helps the parents to monitor their wards closely and make the necessary advice to them.
3. Academic Management Process: Icampuz mainly focuses to monitor the academic delivery in each class. The faculty members are allotted with subjects depending on their preference and expertise. The allotted courses are mapped with the class timetable and the students are automatically registered for

that course. The faculty member has to enter the lesson plan in concurrence with HoD. The content delivered by the faculty after each class has to be entered along with the topic and time. The HoDs can view if there is any deviation in the content delivery. Necessary steps will be taken to complete all the topics within stipulated time. The internal marks and grades attained in their final exam is also available in icampuz. The IQAC and the hierarchy can monitor the academic activities at anytime and subsequently decision making is ensured.

4. **Staff Management Process:** It is used to maintain to effectively monitor personal details, login details, staff attendance, leave structure and payroll of faculty. The icampuz tool emphasizes to maintain staff leaves accurately and ensures accuracy in payroll calculation and reduces time for preparing worksheets. The staff can apply for leave and permission well in advance in this app even from home with proper alternate arrangements. The form is automatically sent to the respective Heads of departments for approval and finally the Principal sanctions the leave. It streamlines complete staff management process for efficient institutional working regarding attendance, salary and events. The faculty information of academic and administration domain is effectively monitored by IQAC.
5. **Library Management Process:** The web based OPAC (Online Public Access Catalogue) facility is made available through Library Management software to know the bibliographical details about collection. A separate computer is made available in the Central library for web based OPAC facility. Users from anywhere can search the library collection. Search by giving title, author and department is provided through OPAC. DELNET. IQAC has given the plan to improve the Library facilities; the DELNET is introduced in NIET library. To promote sharing of resources among the libraries by developing a network of libraries, by collecting, storing and disseminating information and by offering computerized services to the users. The DELNET has created union list of current periodicals in science and technology, social sciences and humanities. This database is available online to DELNET users. The students could access all categories of knowledge domains from all libraries around the nation.
6. **MOODLE- for Placement Cell:** The IQAC recommended Moodle which is a learning platform for placement designed to provide faculties and students with a single robust, secure and integrated system to create personalized learning environments.. It provides the most flexible tool-set to

support both blended learning and online resource from NCPIR placement cell. She students can attend their aptitude test from anywhere. The self-learning capability of the student is increased. This is mainly used for the exams conducted by the placement cell.

7. **Audit Process:** IQAC reviews the teaching learning process, methodologies of operations and learning outcomes at periodic intervals through the evaluation of the semester wise Periodic Performance Report from the Departments. In addition to this, an Academic Audit is conducted per semester to monitor and appraise the individual teacher performance in academic activities. The Academic Audit model involves a team of academic members representing all departments. The academic audit is conducted by IQAC in four phases during each semester to improve the quality of teaching learning process. Based on the deviations observed during the audit process, an action taken report is generated to identify corrective action and the same is tracked to closure. Due to COVID-19 pandemic situation, the internal academic audit for this academic year (2020-2021) has been planned as per NAAC criteria aspects The departments have achieved adequate and effective quality assurance mechanisms to provide continuous improvement in education in terms of exam results..
8. **Class Committee Meeting:** The Class committee meeting is chaired by the class chairman with faculties and students. The committee meeting is attended by all the subject handling faculty members and a team of student representatives during which the feedback recorded. Based on the feedback obtained in the class committee meeting, necessary remedial actions are taken by IQAC.

File Description	Documents
Paste link for additional information	https://assessmentonline.naac.gov.in/storage/app/hei/SSR/104484/6.5.2_1584441860_4684.pdf
Upload any additional information	No File Uploaded

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF

B. Any 3 of the above

any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

File Description	Documents
Paste web link of Annual reports of Institution	https://nehrucolleges.org/NAAC/Annual-Report-2020-2021.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Gender equity acts as the fair treatment of women and men according to their respective needs. This may include equal treatment, or it may include treatment that is different but considered equivalent in terms of rights, benefits, obligations, and opportunities. Gender equity ensures opportunities are not limited on the basis of gender.

Our institution's Gender Equity Cell (GEC) was founded with the goal of providing a safe environment for all female students, administrative staff, and faculty members to work without fear, menace, or worry. The institution assures that its women who are affiliated with it are treated with self-esteem and reverence, free of abuse and harassment, through this cell. Female teachers, staff, and students account for more than 33% of the institution's total. Faculty representatives from each department, as well as two external members from the police department and the legal department, make up the Gender Equity Cell. Students can approach the cell through any means, in person, letters, suggestion box, email, etc., The mail id for this cell is nietgec@nehrucolleges.com. All the students, staffs and faculty members especially the females are given awareness in the beginning of the academic year about the gender equity cell, members and their activities.

GEC's mission is to raise awareness about sexual harassment by

instilling courage in victims, providing various forms of assistance to victims, educating the public about the legal elements of sexual harassment, and providing counseling and health consultations. Even during the pandemic situation the Gender Equity cell have organized various programs including special lectures, Faculty development program on Gender Equity in classroom, through which the importance of gender equity in classroom and how can it be implemented, in which way the opportunities must be provided to both genders awareness given. Various participants from Thailand, Maldives, Odisha, Maharashtra, Delhi and different districts of Tamilnadu participated.

An online seminar on "Gender sensitization of Adulthood in Education campuses" was conducted for three days exclusively one day for students and next two days for faculty members, the discussion was on the psychological changes in the milestones of children and the expectations and needs of both genders. How they both coop up with each other and get along with each other. The students were counseled by mentors through online whenever required to overcome their discrepancies.

File Description	Documents
Annual gender sensitization action plan	http://www.nehrucolleges.org/aqar/7.1.1%20(a).pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://www.nehrucolleges.org/aqar/7.1.1%20(b).pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of

degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Solid waste

In our Institution solid waste are segregated and collected as bio-degradable and non-degradable waste. The leaves falling from the trees & plants are converted into manure using the composite pit. The vegetable waste from mess and canteen are collected and treated in the biogas plant. During the pandemic hostel and canteen were not functioned so the wastes produced have been reduced; only the waste from the trees and plants are treated, and used. The usage of papers is reduced by sending e- circulars and information's. The waste generated by the departments, office, etc., were collected and given to the external vendors on a timely basis.

Liquid waste

Well- constructed drainage system in the form of closed collection tanks is available in the campus. The waste water from the toilets is collected in the septic tanks. Waste Water from RO plant is effectively utilized to water the lawns, saplings and trees in the campus by sprinkler irrigation system.

E-waste

Due to pandemic, laboratory usage has been reduced so no e-waste materials were disposed.

Hazardous chemicals and radioactive waste

The Chemistry laboratory courses were taught to the students only limited days, so fewer chemicals without hazards have been utilized.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore A. Any 4 or all of the above

well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

7.1.6.1 - The institutional environment and energy initiatives 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

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

A. Any 4 or all of the above

5.

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

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

The institution houses NSS, YRC, RRC, Rotaract clubs in which student volunteers involved to help the needy people. It helps to cultivate a sense of social responsibility among the students.

The various departments of the college involve themselves and work

in collaboration with various trusts and agencies. Students of these clubs are involved actively in the social activities like stem cell awareness programme, Nelavembu kasaya distribution camp, Corona Virus Awareness & Prevention Activities, Importance of Wearing Face Mask, Safety Precaution of COVID-19, 74th Independence Day 2020 program in offline. Few of our students have donated their Blood at Government Hospital, Coimbatore for the needy people. The APJ club organized motivational program for government higher secondary school students even during the pandemic situation. For the needy old aged people 'Amudha Surabhi' provides three meals a day.

Our Institution has donated necessary materials like face mask, oxymeter and sanitizers etc., to ESI hospital, Coimbatore and also the required relief fund and materials to the needy people during Covid'19.

The Rotaract club of our Institution has actively participated and conducted many events like Tree plantation, Muhakavasam uyirkavasam, Plant Tree chant free, etc.,. The faculties of our institution have been given NOBLE training.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

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

The institution provides on duty for the volunteers from each department to involve in the social activities and encourage the effort put in by the volunteers. The volunteers are given special responsibility during the social activities out of the campus. The student council and the student in our college involve themselves in organizing and exhibiting their roles and responsibility in the smooth conduct of cultural/festival activities inside the campus. Thus the students are empowered through educational and co-curricular tasks alike to be better citizens and leaders of future India.

The institution organized various programs to inculcate the constitutional obligations as a citizen among the students and faculty members. Awareness about Prevention in COVID 19, safety

precautionary measures about COVID 19 has been organized. A Webinar was organized about the importance of wearing mask among the students during the pandemic lockdown time.

NSS, YRC & RRC, Rotaract clubs organized a "Blood Stem Cell Awareness Program" on 15/03/21 at NIET campus. Staff coordinator and students volunteers from all clubs made this awareness program a grand success. Nearly 100 students gave Blood stem cell for testing purposes.

The workshop organized by Mahatma Gandhi National Council of Rural Education(MGNCRE) in Department of Higher Education within Ministry of Education in Government of India on 7th May 2021. Faculty members and students from our Institution, NSS coordinators and student members of NSS club have participated in the Swachhta Action Plan (SAP) online workshop.

It is appropriate to increase consciousness about national identities and symbols, Fundamental Duties and Rights of Indian citizens. It is one's bond duty to stand by the nation in times of natural calamities. Our college took initiatives to reach out the areas in Kerala and had given necessary supplies of materials and relief for the needy people during the time of Covid '19. The college organizes blood donation camp every year.

As per instruction from the central government and state government plastics are banned, in order to create awareness among the public our NSS club organized plastic awareness program. The Indian independence was fetched owing to the sacrifice of our great freedom fighters who bestowed their life for the sake of freedom and paved the way to frame the constitution. In order to honor the country and the leader's, institution celebrates the Independence and republic day every year, realizing the sense of duty towards the country also for the national integration and to preserve the rights of each and every individual.

The college tries to inculcate sensitivity and responsibility towards environment in the minds of our students. The sapling plantation programs, helps in encouraging ecofriendly environment.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	http://www.nehrucolleges.org/aqar/7.1.9(a).pdf
Any other relevant information	http://www.nehrucolleges.org/aqar/7.1.9%20(b).pdf

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

4. Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

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

Important Day Celebration

The institution celebrates "National Science Day" every year on February 28th to commemorate the discovery of Raman Effect by Sir. CV Raman. On this regard various programs for the students are conducted. March 14th Pi Day was celebrated with great enthusiasm in the remembrance of great mathematician Ramanujan. On September 15th 2020 "Engineer's Day" was celebrated, which is the birthday of Sir. Mokshagundam Vishweshvaraya, whose technological exploration made great visionary, our Renowned Alumni was the Resource person for the

Engineers day and for other events resource persons from other colleges is invited through online to benefit the budding engineers of our college.

The Green Day is celebrated in the college by planting the sapling in the college. In view of International Yoga day celebration, we have conducted Yoga session for the students on 26th February 2021 to provide the awareness on the importance of yoga World Book Day was celebrated. The importance of reading a book was emphasized. Library day was celebrated on 13.08.2020 as an awareness to inculcate the reading habits among the students.

We celebrate the republic day with great ardor on recognizing the day when the constitution of the country came into force on 26th January 1950. On 15th August, we celebrate the Independence Day on the view of national integration and preserve the rights of each and every individual.

National Festivals

The cultural, ethnic and religious diversity in our country has given rise to many festivals that are celebrated with great enthusiasm. The students come together breaking the boundaries of religion and caste. Pongal, the harvest festival is celebrated grandly and traditionally thus creating a village atmosphere by preparing pongal in the college. The Ayudha / Lakshmi pooja is celebrated in the campus in a grand way. The poojas are done in each department, laboratories and in the college library.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

BEST PRACTICE - 1

Title of the Practice: Student Council

1.Goal:

A student council is a group of students from each department who have been democratically elected. Each student council member plays a specific role in the council, & the members of the group work together to plan activities, confront & resolve problems, & build leadership skills through the implementation of beneficial activities during the Institute Pandemic academic Year.

2.Objective of the Practice:

- Give voice that enables to participate actively in Academics as well sports and other related activities
- Encourage to exhibit activism, volunteerism and exploration in the college environment
- Develop the time managing & planning skills to build self-confidence & improve Academic performance

3.The Context:

- The aim is to create challenges to fast learners and creamy layer of the students, in terms of overall performance
- Later this proved to be a very unique initiative to mould the students into excellent professionals with high degree of positive attitude and optimism to achieve their goals

4.Evidence of Success:

- The percentage of students' involvement in curricular and co-curricular activities increased with the motivation from peer group even during the pandemic situation
- Online Placement and soft skill training have been given to the 2nd and 3rd year students for their improvement in aptitude and other relevant skills
- The College successfully organized functions like Onam, Pongal
- The student council members actively involved themselves in the preparation of college magazine and newsletter by giving awareness among their peer team students

5.Problems Encountered and Resources Required:

- Initially students found it difficult to balance academic and Student Council activities in the pandemic situation
- It was tackled by providing special support both in academics and other activities.

- All the e - content materials were shared to the students in our exclusive college portal Content Management System through which all the students can access the online study materials anywhere at any time
- College Magazine Vista and Newsletter is published every year.

BEST PRACTICE - 2

Title of the Practice: Nehru Corporate Placements and Industry Relations

1.Goal:

- Initiate and facilitate the interactions between the industry and academia during the Covid'19 pandemic situation.
- Identify the gap and providing online training by competent professionals.
- To work as a bridging partners in continuous engagement of industry and institution.
- Identify and bring in international linkages at multiple levels of engagement such as education, training and placements.

2.Context:

- Nehru corporate placement and industry relations (NCP&IR) have a team of professionals drawn from various industry backgrounds.
- This team works on building relationships with the industries to enable multiple level engagements such as placement training, alliances, projects etc.,
- The department involved in bringing top brands through online in manufacturing, information technology, automobiles, banking, financial services, insurance, retail, media ITES etc.,

3.Practice:

- NCP&IR continuously interacts with the corporate and students for their final placements. Over 150 reputed national and multinational companies visit NGI to recruit the students year after year.
- NCP&IR initiates and conducts Faculty Development Programme and Executive Development Programme. It provides incubation center for necessary infrastructure and knowledge facility for

budding entrepreneurs.

- It also initiates corporate consultancy with industry and academics. NCP&IR also has a full fledged software development facility within the department.

4.Evidence of Success:

On organizing the Industry Exposure programs in online mode , students are exposed to industrial expectations to focus on the real time skill set. Due to this exposure Performance is improved in placement. Increase in participation of students in attending internship Industry understands the need of institution and has come forward to offer In plant Training, Industrial Visits/Projects with our continuous efforts. More online courses (industrial skill) registration by students and staff. Students are encouraged to take up industrial projects. Industrial expo has created the avenues to interact with HR's, Science expo where students demonstrate their projects. More efforts are taken in this ground. On the success of the same the following were realized. CSIR programs were arranged in online during pandemic situation.

5. Problems Encountered and resources required:

Students' communication is a biggest threat due to their family background since most of the students come from rural back ground and due to their online mode of classes they found difficult because of their less concentration towards their communication. Interface with leading industries is a mighty task. Getting Industrial training/ project in software industries is a difficult task. The institution is far away from the Industrial corridor.

File Description	Documents
Best practices in the Institutional website	http://www.nehrucolleges.org/aqar/7.2%20(a).pdf
Any other relevant information	http://www.nehrucolleges.org/aqar/7.2%20(b).pdf

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

CONTENT MANAGEMENT SYSTEM

Our campus has moved to online learning strategies in 2015 well in advance with a lot of effort and challenges for faculties. The output of this strategy was CMS PORTAL.

Our campus used CMS Portal and ICT tools as a 'bridge' to break the distance and 'survive' the learning during pandemic situation.

During lockdown we have provided online training to our faculties on video conferencing software tools like Google Meet, Zoom app, Google apps like Forms. Later faculties provided online training to their students. Then our campus started handling online classes.

Live streaming of online classes for urban students is not the problem as they are equipped with fast internet, uninterrupted power supply & electronic devices. Unfortunately, students in rural areas are facing challenges to access online due to poor data connectivity. To overcome this problem our faculties created E - content videos, which cannot be shared through whatsapp or gmail. So the faculties shared using this CMS PORTAL APP. Students can also see placement & alumni details, final year project videos, NPTEL videos, can read books from NDLI, papers of science Direct, faculty's lecture notes, reference books, question papers using their gadgets anywhere, any time.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Nehru Institute of Engineering and Technology, Coimbatore is affiliated to Anna University, Chennai. However, the implementation of curriculum is taken scrupulously by the institution as per the academic schedule.

Academic Calendar

Institution calendar for the academic semester prepared based on the university calendar to ensure proper teaching-learning process, schedule of the internal test, university examinations etc., Department calendar is prepared in aligned with the Institution calendar to include department activities like seminars, workshops, guest lectures, symposiums, conferences, various club activities, industrial visit/training, value-added course, certification course etc.

The excellence of Classroom teaching with Course Plan

Meetings are held in each department to discuss the distribution of courses for upcoming academic sessions during the end of the semester. Based on individual faculty members experience and expertise, the course is assigned to them by the head of the department. The individual faculty member prepares a course plan. It gives an insight into how the lecture class will be handled throughout the semester before commencing of each semester. The excellence of the classroom teaching depends on content delivery, interaction, discussion, examples, applications and usage of modern ICT tools. The role of the teachers is significant not only with contents but also with motivational contributions of students through paper presentation, projects, group assignments, visit to various industries for better exposure.

Instructional methods and pedagogical initiatives

Institution practices outcome-based education while planning and delivering the content. Various Innovative Teaching & Learning

methodologies are adopted by the faculty members to create the best learning environment for students. Teaching and Learning methodologies include traditional (Chalk and talk) and technology-enabled methods. Video lecturing is provided by faculty members to explain the real-world problems with industrial illustrations, design issues etc. Faculty members prepare the e-materials for both theory and laboratory manual for the benefit of students by posting in Content Management System available in the college website. Faculty demonstrates static & working models, simulations, animations and implemented projects in the department. Invited expert lectures (industrialists / academicians) are arranged to deliver the content beyond syllabus for knowledge enhancement and value-added courses have been organized for bridging the gap between Industry and Academia. Tutorials/ E-learning classes are practised for participative learning. Assignments are given to improve the knowledge beyond the syllabus. Students are motivated for doing research workthrough publications and encouraged to do project in Newgen IEDC and NGI-TBI.

Monitoring system for curricular delivery

HODs and IQAC coordinators are regularly monitoring the delivery of curriculum. Academic feedback arecollected from the students through online in a regular interval. The teaching faculty are entrusted with the task of mentoring students on academic and non-academic issues. Class committee meeting is conducted where student representatives can express aboutgrievances. The outcome-based education focuses on effective curriculum delivery to meet. The internal assessmenttests are conducted to assess the attainments of the course outcomes. The academic audit is done by IQAC to ensure the quality of delivery of curriculum.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

A team consisting of Principal, Dean (Academics) and HoD(s) prepare the academic calendar The academic calendar is used by the student which is also available on the college website The

schedules of all examinations like IT - I, II and III could be viewed by students from the institution website. Review Questions for all internal exams are displayed on the website along with syllabus. For all programmes, the institute conducts three internal exams for 50 marks in each semester. Continuous internal assessments contribute 20% and end semester university examinations contribute 80% towards the grade point of a subject. The internal examinations time table is displayed in the department, classroom notice board and social network group before one week from the day of examinations. Before commencement of internal examinations, review questions are provided to the students through the social network group. After completion of the internal examination, the faculty evaluates the answer scripts within three working days from the day of completion of the respective subject examination and distribute to the students. After clarifications, a signature from each student is received in the corresponding answer scripts for all courses. Periodically the internal test marks displayed in the notice board

Assessment process:

1. Answer script scrutiny is done by the members of the committee.
2. Conducting tutorial classes to clarify doubts
3. Microanalysis has been done for the attainment of course and program outcomes.
4. Continuous monitoring the improvement in slow learners and encouraging fast learners by reviewing their performance.
5. Industrial visits and Internships are arranged by the faculty members for students

Student's performance is also evaluated based on the following parameters: communication skills, use of modern tools, solving of analytical problems, peer group studies and students mentoring. End Semester Examinations Valuation of answer scripts and publication of results are liable to Anna University. The opportunity for revaluation is possible as a grievance measure. In the end semester examinations students can express their grievances by applying for the following evaluation procedure: Photocopy of the answer scripts could be sought from the university through the exam cell if the student needs by. After receiving the photocopy, the students can verify for any discrepancy. The expert valuation suggests a better percentage of the mark for the deserving candidates and recommended for revaluation. The results of re-evaluation will be announced as per the university norms. If the re-evaluation results are not satisfactory, a student can apply for challenge evaluation within a week after the announcement of the re-evaluation results. This evaluation process is carried as per the Anna university norms.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://www.nehrucolleges.org/aqar/1.1.2.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

11

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

18

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

1317

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The Institution has been functioning for the development of the students. The various programmes are arranged related to Gender Equity, Sustainability, Human Values and Ethics. The Institute engage the students in various activities through various clubs and conduct programs to create awareness among the students through these clubs like National service scheme club, Rotract club, Youth red cross Club, Red Ribbon Club, Gender Equity Cell, Women Empowerment cell, Anti ragging committee, Students Grievances and Redressal Committee, Counseling and mentoring committee, Discipline Committee, Cultural Club, Nature Club.

GENDER EQUITY

The Institute engages the students to participate in sports and cultural activities. College have signed MOU with hospitals for common medical facility for students and faculty

members. Institution has functional Women Empowerment cell, Gender Equity cell Headed by senior faculty members who look into the problems of girl students regarding personal and Academics. Girls and Boys rooms are available with all the amenities. Students Grievances and Redressal Committee has been established for counselling of students on received grievances. The above mentioned cells have been organizing various programs for girl students Women Safety, Women empowerment, Health care for both boys and girls. Girls and boys hostel are available in campus and common rules are made available with common rules

HUMAN VALUES

A necessary part of curriculum is to inculcate good human values among students. Our Institute always believes to make each student a good human and an ethical Engineer. College has Anti ragging committee to ensure ragging free campus. Counseling and mentoring committee headed by senior faculty members to take care of human values.

ENVIRONMENT AND SUSTAINABILITY

Our Institute is a green campus consisting of more trees and plants which helps in surplus oxygen supply in the surrounding environment. College follows plastic free and smoke free campus. By considering depleting energy sources and pollution free college has installed a Solar Energy Park. A detailed energy audit for the institute has been carried out on regular basis. College has been conducting various social events such as tree plantation, rallies, and seminars to create social awareness among people through Nature club, National service scheme etc., The environment issues are dealt in classroom through a regular subject Environmental science for all branches in Engineering.

PROFESSIONAL ETHICS

Institute has equal importance about professional ethics along with academics because knowingly and willingly should not involve in wrong behaviors. Professional ethics encompasses personal and corporate standards of behavior expected by professional. The students of different branches in Engineering and Management study Professional Ethics that address right and wrong or good and evil. College organizes various personality development program through Placement cell to increase the employability of students. Industrial Visits and Internship programs are included

in curriculum and experts from corporate are invited to share their views to understand corporate standards and culture.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

243

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

846

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	A. All of the above
File Description	Documents
URL for stakeholder feedback report	http://www.nehrucolleges.org/agar/1.4.1%20a.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File
1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
File Description	Documents
Upload any additional information	View File
URL for feedback report	http://www.nehrucolleges.org/agar/1.4.1%20a.pdf
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment Number Number of students admitted during the year	
413	
2.1.1.1 - Number of students admitted during the year	
413	
File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

266

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Nehru Institute of Engineering and Technology admits students through

- (i) Affiliating University counseling and
- (ii) Direct admissions to College based on merit in qualifying examination

Therefore, the admitted students represent a combination of bright students and average students. To help them cope with new learning environment, a number of measures are taken by the Institute for their betterment.

In the pandemic period also the slow learners were motivated and focused to concentrate on important questions in the entire respective subject and at the same special hours allotted in the google meet to remove panic and also collected the assignments for their betterment to face the Examination.

All faculty members are encouraged to reserve a slot of one hour per week in their teaching time table for students to approach them and discuss difficulties in respective subjects.

Library facility is initiated and all students borrow the books for preparation.

Parents are invited in the middle of semester to interact with concerned faculty advisors and subject teachers to discuss about

the progress of their wards

Mentor-mentee relationship is followed in NIET. Each section is divided into three batches so that a ratio maximum of 1:20 is maintained between the mentee and the mentor. The mentor, herewith called faculty advisor has to maintain a Mentor's Diary (Annexure), to keep track of the records of the mentees. This also helps to identify the slow learners and the advanced learners from each batch of each year and every course.

Each type of students has different learning attitudes and learning habits. The objective of such assessment process of the learning levels of the students is

- i. To identify the factors affecting the student's performance.
- ii. To analyze them with respect to the institutional framework.
- iii. After identification and analysis, to provide a proper solution for improving their performance and build a successful career.

2. IDENTIFY SLOW AND ADVANCED LEARNERS

2.1 Student Information Form

Every faculty advisor maintains a Mentor's diary (Annexure). The mentor's diary consists of record of the students of a particular batch assigned to them.

Following records are to be maintained by Class Advisor of each class:

1. Student Information Handbook
2. Marks Statement (Internal Assessment and University Exams)
3. List of slow and advanced learners of their batch.
4. Remedial measures taken and details (circulars and notices)
5. Records of activities for both types of learners

All faculty advisors are required to maintain to the student detail of each and every student of their respective batches in the student information form as attached as Annexure. This record is helpful in maintaining the student data and his/her personal information and to connect faculty advisor to parents/guardians.

3. INITIATIVES FOR ADVANCED AND SLOW LEARNERS

3.1 Advanced Learners:

Following Special activities are conducted for Advanced Learners:

i) Guiding for career planning.

ii) Bright and diligent students are motivated and inspired to get university ranks.

iii) Guiding and encouraging publish/present research papers in conferences/Journals

iv) Guiding the students for GATE/Competitive Examinations.

v) Training programs for gaining advanced technical know-how.

vi) Encouraging to participate in various symposiums like quiz, poster presentation, Conferences, inter institution competition etc.

vii) Semester toppers and university rank holders are encouraged with certificates and cash prizes by the management.

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

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1333	147

File Description	Documents
Any additional information	View File

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

Nehru Institute of Engineering and Technology practices structured to Teaching-Learning processes in each semester to impart the value education not only through the traditional methodologies but also through active learning to enhance students to get confidence in their learning and to take initiative, taking good decision and be accountable for results.

In Pandemic period, Our institute encouraged the learners to get practiced in an interactive way to the teacher through virtual learning even during the pandemic years and issued materials which posted in the Google class room and at the same the slow learners were focused and special care taken towards in the way of providing important questions from previous year university question papers and also made them to submit the assignment in the Google classroom and not only that special day allotted and in that particular day through Google meet discussed the difficult concepts and clarified their doubts which comforted them to face the Examination.

Experimental Learning:

We make our students to be interactive by encouraging' each individual to work out things by themselves; they are guided through practical way of learning rather than being taught during practical classes. Students are able to grasp the concepts through demonstration, video lectures. To understand the industrial expectations, we encourage students to undergo In-plant training, Internship training and Industrial visits in the respective domains. The institution has also established e-learning facilities and resources like NPTEL, Learning Management System, e-books and e-journals, Digital libraries to improve their creative thinking in technical fields. NIET established industry powered centers like Texas Instruments, Sanko Gosei Inc. Japan, Intel Fice Pvt. Ltd., Avatar Academy, Jet Aerospace Aviation Research Centre, ARK Info Solutions, Ayushmaan Solar Enterprises. Throughout the experiential learning process, the learner is actively engaged in posing questions, investigating, experimenting, being curious in solving problems and being creative.

Participative learning:

A pedagogical approach involving students of different cognitive levels was made to work in a collaborative manner in mini projects and major projects to accomplish an assigned task. The

students' learning methodology is further tuned by peer-to-peer learning so that students would be involved in sharing their views and come out with apt solutions for the defined problems. Role play and Brainstorming are practiced for feasible content to learn the concepts in an easy way. The students are promoted for handling Technical topics, which allow students to think broadly and come up with their opinions & suggestions in finding better solutions. The discussions are basically in soft skills, managerial communications, business adoptions and many more. Our institute consists of various club activities like Nature club, NSS club, YRC club, Energy club, Rortract club, Photography club, Science club to exhibit their teamwork in communicating the needs and responsibilities which needed to face the society in an ethical means. NCP&IR Training department ensures such that students were trained on domain-related tools, technologies and soft skills. Students can access various learning modules available at learning labs or through online e-learning Resources. NIET has partnered with Global technology companies like Microsoft, Oracle, Red hat, EMC, Autodesk, Open stack and many more to train our students on various technologies including Cloud Computing. Students also can take up international certification offered by various companies which will help them to have an edge over other students. Students are trained in different modules from the second year onwards as per the industrial needs.

Problem-solving Methodologies:

Our academic time table inculcates technical seminar hours to enrich students' in presenting the concepts which would give the confidence and happy and the same problem-solving skills, where the students were provided with assignments to discuss and solve. We also support our students for analytical and problematic courses by giving solutions through tutorial classes. These practices will not only benefit the students but also help them to eliminate obvious and hidden barriers among them.

File Description	Documents
Upload any additional information	View File
Link for additional information	http://www.nehrucolleges.org/annual-report.html

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The innovation in teaching is necessary to engage the students for the course of 45 to 60 hours. At the end of the course, the average student's strength will excel in performance and attain the course outcome within-depth knowledge. To overcome the difficulties of slow and inactive learners for attaining the course outcome, it is necessary to renovate the teaching methodology. A few innovative learning methods like Google classroom, online education, project-based learning, and activity-based learning provoke the inactive or slow learners to be more active in learning the course. The current generation students are smart, and they feel conventional teaching methods like blackboard and PowerPoint presentations are monotonous.

Nehru Institute of Engineering and Technology even during the online teaching of Pandemic years the learner were encouraged by attending the quiz question through innovative teaching methodology and also demonstrated the concepts through video learning which made a feel of interactive learning for both slow learners and advance learners.

Nehru Institute of Engineering and Technology customs contemporary Information and Communication Technology tools for effective teaching and learning in a recent scenario. The ICT tools are the latest technology and concepts used in Information and Communication Technology among students to students, students to teacher interaction (e.g., Google Classroom, Kahoot and video lecture). Information and Communication Technology (ICT) facilitated classrooms such as LCD projectors with Wi-Fi facilities are provided to enable the students to visualize the concepts in being taught.

Our institute builds a bridge between students and technology through Content Management System (CMS) by providing resources and materials for various courses.

CMS provision also incorporates Google Classroom teaching to make each individual participate eagerly. Google Classroom enables students to access materials like course plan, lecture materials, question bank with answers, sample university question papers, Formula book, assignments and tutorial problems by the students anywhere digitally through

students' mail id.

We also craft education by conducting quiz, brainstorming, and discussion through the Kahoot tool. This Kahoot learning game involves the entire students in the class to play the quiz on time basis through their mobile phone.

Faculty members teach their concepts clearly by presentation, animations, video lectures to students through smart board teaching and NPTEL videos. Our Institute provides a gateway to access the course materials and videos opted by NPTEL to enhance students understanding capability.

Course teachers help the students to hone their skills through participative learning exercises such as CLG-Collaborative Learning Group, SOLE -Self Organizing Learning Environment, Group Discussion, Case Studies, Quiz, Demonstration of videos, Models, Charts, etc.,

Faculties motivate a few students to present technical seminars on some topics using PowerPoint presentation tools to support learning methods and the same was recorded and uploaded in YouTube link for students' references.

Class advisors create a Whatsapp group to communicate information and to share study materials for preparation during examinations.

We create interest towards Research activities by insisting our students to update the recent technology by referring various journals through Digital library, DEL NET, Science Direct, Library Web pages, DIGI MAT digital repository, NDLI links.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	No File Uploaded

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

147	
File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File
2.4 - Teacher Profile and Quality	
2.4.1 - Number of full time teachers against sanctioned posts during the year	
147	
File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File
2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)	
2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year	
38	
File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File
2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)	

2.4.3.1 - Total experience of full-time teachers

147

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Nehru institute of Engineering and Technology is affiliated to Anna University, Chennai and follows the Examination pattern of the university. Anna University guidelines are strictly adhered to with respect to the evaluation process. There are three internal tests conducted. The schedules of internal assessments are communicated to students and faculty at the beginning of the semester through the institute academic calendar which is prepared based on the university academic calendar.

In the pandemic time Nehru institute of Engineering and Technology conducted 3 internal test and mark displayed in the google classroom for their satisfaction and the absentees are noted by all the respective subject teachers and the particular date announced to the absentees for one more chance to take up the test with the discussion through Head of the department and to their convenient' the test conducted for the absentees if they go with valuable reasons during the date of test period.

The institute has reformed the continuous internal evaluation system from faculty centric to student- centric. The Institute Exam cell framed guidelines for conducting the CIE in line with the calendar of the Affiliate University and the Institutions. As per the guidelines, the following reforms have been carried out effectively conducting CIE:

Scheduling of Internal Examination, Seating arrangements, hall invigilators listed for every examination.

Preparing the question paper for the internal examination in the prescribed pattern based on Knowledge level using revised Bloom's

taxonomy.

Scrutiny of the prepared question paper is carried out by HoD/ Subject expert to ensure the quality of the Question paper.

Monitoring the attendance of the students for the Examination.

Internal Assessment has to be carried out within the stipulated time.

After completion of the internal examination, the faculty evaluates the answer scripts and distribute it to the students for doubt clarifications or re-correction. The faculty submits the re-corrected scripts to the examination branch and marks are displayed on the notice board.

Result review meetings are conducted with result analysis and the remedial actions for further improvements are arrived after discussion with faculty, HoD, and Principal.

Upload of assessment marks in the university web portal and subsequently communicated to parents.

The evaluation for theory courses is assessed in direct mode (80%) covering both internal and university examinations and indirect (20%) covers survey.

The evaluation for laboratory courses is assessed in a similar pattern followed for theory courses. For each laboratory session, the student is assessed through viva questions, observations.

The evaluation for the project course is assessed by conducting periodical project reviews covering key parameters like problem formulations, understanding of the project, presentation skills, communication of ideas, technical knowledge, team work and project management. The major project consists of 200 marks. The project review committee organizes review meetings to assess the progress of all the project batches.

The performance of the students in Internal Assessment is used for Faculties to identify slow and advanced learners in their respective subjects. Slow Learners are encouraged to improve their performance in the future by counseling. Counseling Sessions are used to sort out personal issues, academic and non-academic problems.

File Description	Documents
Any additional information	View File
Link for additional information	http://www.nehrucolleges.org/agar/2.5.1.pdf

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

Nehru Institute of Engineering and Technology has devised an efficient mechanism to deal with examination related grievances which transparent in the pattern and conduction of CIE and rectification of grievances is time-bound.

The college follows strictly the guidelines and rules issued by the affiliating university while conducting internals and semester-end examination.

At Institute level:

At the Institute level, an examination committee, comprising of a senior teacher as a convener and other teaching and non-teaching staff as members, is constituted to handle the issues regarding the evaluation process.

The teacher distributes evaluated answer scripts to students, and any clarifications or grievances are addressed by the teacher. The internal marks are displayed on the notice board. If any discrepancy like mistakes in the question paper, mark allocation, correction is noticed by the students, the concerned teacher will resolve the discrepancy, and the necessary corrections will be made. If a student is not satisfied with the marks awarded even after resolved by the teacher, then he may represent the same to the Head of the Department (HoD) concerned. All such representations are taken positively and are reassessed by another teacher if necessary.

Parents are informed about their ward's performance through SMS and Mail. Students are counseled by the faculty mentor, and remedial classes are conducted for students who have failed in the examinations. Retests for the Internal Assessment is conducted for Students who remain absent for internal exams due to genuine reasons.

In the pandemic time our institute conducted 3 internal test and mark displayed in the google classroom for their satisfaction and the absentees are noted by all the respective subject teachers and the particular date announced to the absentees for one more chance to take up the test with the discussion through HoD and to their convenient' the test conducted for the absentees if they go with valuable reasons during the date of test period.

Within a time-bound the Internal Assessment marks are entered in the University web portal, by student's login, students can individually view their performance in the University portal.

At University level:

If students have grievances related to the evaluation of university answer scripts it is intimated to the subject handling faculty and head of the department if necessary, for further action.

Students can bring their grievances by applying for the following evaluation procedure:

Re-Evaluation:

Students can apply for re-evaluation of their answer scripts within a week from the declaration of results if they are not satisfied with their results. The results of the re-evaluation will be announced as per the university norms.

Challenge Evaluation:

Nehru Institute of Engineering and Technology follows strictly the guidelines and rules issued by the affiliating university for challenging evaluation. As per the Anna University guidelines students those who are failed in Revaluation can apply for the challenging Evaluation from the support of internal faculty members.

File Description	Documents
Any additional information	View File
Link for additional information	http://www.nehrucolleges.org/agar/2.5.2.pdf

2.6 - Student Performance and Learning Outcomes

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

Nehru Institute of Engineering and Technology has formulated well-defined Vision and Mission statements and in correlation with this, each department formulated its own vision and mission statements that have been approved by the academic council. The department formulates the Programme Educational Objectives (PEOs), Program Specific Outcomes (PSOs) for each programme Outcomes (POs) and Course Outcomes (COs) for all the courses in the curriculum. In the Department meeting, they are analyzed and implemented. The approved Statements are published in the Institute Website and Communicated to Various Stakeholder.

The respective subject teachers expatiate the course outcomes to the learners and the objectives as well as outcomes in learning each topic to the learners in the end of the course for the betterment and to get the confidence to take up the university Examination.

Programme Outcomes (POs) and Programme Specific Outcomes (PSOs) Formulation.

The Graduate Attributes (GA) of Engineering Program is adopted without alteration as Program Outcomes (POs). Articulation of PSOs and identification of the Knowledge/ Skill/ Attitude Level were done through a sequence of meetings based on the suggestions from stakeholders.

Course Outcomes (COs) Formulations:

Articulation of COs based on revised bloom's taxonomy and identification of the Knowledge/ Skill/Attitude Level were framed by course handling faculty and course coordinator with the suggestions of course mentor. COs are mapped with POs / PSOs by course handling faculty with the suggestions of the course coordinator. Verification of compliance for attaining the POs/PSOs is done in the Department meeting for all courses.

Teachers are aware of Programme outcomes and course outcomes by attending different programs arranged by the institution. Faculties are oriented by many workshops and seminars on Outcome Based Education (OBE). Faculty members have attended many programs related to Outcome-based Education.

Students are aware of disseminating the course outcomes and programme outcomes in various places. Faculty members are getting the course outcome survey every semester. The Question papers are prepared based on Knowledge which includes Course outcome.

In NIET, assessment for each course and the entire programme is generally divided into two types:

1. Direct Assessment

2. Indirect Assessment

The direct assessment is further assessed from

1. Internal Assessment - Class test, Internal test, Assignment/Tutorial
2. External Assessment - University Exam.

Direct Attainment: The attainment is used for assessing student's knowledge, skill and attitude based on a topic covered when the course is in progress.

Indirect Attainment: The attainment is used for assessing students' opinions on the topic covered at the end of each course. The indirect attainment is carried out through course end survey at the end of each course.

The mechanism for dissemination:

The process for publication and dissemination of the stated vision, Mission of the Institute/ Department, POs/PSOs/PEOs/COs of the programme are carried out by the listed mechanism:

- **Website:** Vision, Mission, POs, PSOs, PEOs and COs are published on the college website.
- **Posed Location:** Banner is exhibited in the main foyer of the concerned department. They are also prominently displayed on the Department Notice Board.
- **Catalogs of the Department:** The Catalogues are disseminated to all the stack holders of the program through faculty meetings, Alumni meetings, and Conferences.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://www.nehrucolleges.org/
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Attainment of Course Outcome:

In the Outcome-Based Education (OBE), assessment is done through more than one process, which is carried out by the institution that identifies, collects, and prepares data to evaluate the achievement of course outcomes (COs).

Assessment tools are categorized into two methods to assess the course outcome:

1. Direct Assessment method
2. Indirect Assessment method

The direct method displays the student's knowledge and skill on their performance in continuous internal assessment tests, semester examinations, seminars, classroom and laboratory assignments, etc. These methods provide a sampling of what students know also provide strong evidence of student's learning

The indirect method, such as survey of the stakeholders that reflect on student's learning. The different stakeholders give opinions or thoughts to assess the graduate's knowledge or skills.

Our institute affiliated to Anna University' so as per the system of university norms and regulation we followed the structured in a well-defined manner as even during the Pandemic period and in the toughest situation also the respective teachers of various subject prepared set of questions for the slow learners from important units to give confidence to take up the internal assessment and external assessment.

Here, the direct assessment includes both internal and external assessments. The internal assessment is based on the performance

of the student in internal tests and assignments. The external assessment is based on the performance of the student in the university examinations. The indirect assessment is based on the course end survey.

Process for measuring CO attainment:

- 80% of formative and summative assessments are carried out to calculate the direct attainment of courses.
- 20% of the Course End survey is considered to calculate the indirect attainment of courses.
- From the above direct and indirect attainment of all the courses provides 100% of course attainment.

The process used for setting course attainment benchmark values.

- The course-wise university grades for previous years were analyzed
- The course proficiency and the level of attainment are set by the course coordinator.
- The appropriate course target level for the entire programme is set by Department Meeting.
- The set target level is revised after the attainment of three consecutive batches is achieved.

Attainment of Program Outcomes and Program Specific Outcomes:

PO/PSO assessment is done by giving 80% weightage to direct assessment and 20% weightage to indirect assessment. Direct assessment is based on CO attainment, where weightage is given to attainment through university exams and internal assessments. Indirect assessment is done through the Graduate exit survey and alumni survey.

Assessment Tools - PO attainment

1. Direct Mode: Course Attainment
2. Indirect Mode: Exit Survey

Frequency of evaluation: At the end of each programme.

Assessment Tools - PSO attainment

1. Direct Mode: Course Attainment
2. Indirect Mode: Exit Survey & Alumni Survey

Frequency of evaluation: At the end of each program

Process for measuring PO and PSO attainment:

Course attainment is considered for measuring 80% of PO & PSO attainment.

Graduate Exit survey is considered as indirect attainment for measuring 20% of PO & PSO attainment.

The process used for setting course attainment benchmark values:

- The target values for POs / PSOs attainment are' for the entire programme are set by Department Meeting considering POs / PSOs attainments of previous batches.
- The POs / PSOs target level is revised after the attainment of three consecutive batches are achieved.

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

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

450

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	http://www.nehrucolleges.org/annual-report.html

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)

<http://www.nehrucolleges.org/Students-Satisfactory-Survey.html>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

0

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

7

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Nehru Institute of Engineering and Technology is striving the young technocrats to carry out the projects for the social welfare measures. The training is being given to the students on specific domain according to the industry needs and make them ready. NIET has good tie ups with industries. Many ideas and suggestions are obtained from the industrialists to identify the key areas and accordingly the training is being provided periodically.

The following are few Centre of Excellence (COE) based industry training given to the students.

CISCO Networking and Security Laboratory: The objective of the programme is to provide industry based training in Networking and Security, Firewall Installation for the students. The CISCO training programme is given by the organization M/s Avatar Academy.

INTEL Intelligent Systems Laboratory: IIS lab has been setup to enhance student's employability skills in order to bridge the gap between industry and academia.

Knowledge Corner: It is a unique practice followed by the department apart from the curriculum, to promote the student's knowledge in special topics at seminar hall on every Friday. The topics are selected in narrow region of engineering stream based on current developments by a resource person from various industries and MNCs.

I Cube: I cube is an integrated display hall of best projects done by the students to rework their idea for developmental activity. The best projects are reviewed by a senior professor in the department and university examiner suggestions. Every year best one is replaced by newly innovated projects.

TEXAS Instruments Laboratory: The TI University Program is the intersection between TI technology, educators and the engineers of tomorrow. Our advanced analogue and embedded processing technologies fuel the passions of students and educators in university labs worldwide.

New Generation and Innovation Entrepreneurship Development Centre: It is a 5-year programme that supports more than 100 Student Innovative Ideas with a Grant-in-aid of Rs.2.5 Lakhs per Idea in a year to develop Innovative Idea into a Prototype.

Aero Modeling and UAV Laboratory: Aero Modeling and UAV Laboratory was well equipped with all the necessary facilities. In the Laboratory, students can carry out design, fabricate and fly models. Some of the students utilized the Aero Modeling and UAV Laboratory for their projects, a student V. Balaji and his team won first price and cash prize of Rs. 21,000 at National Quadcopter Championship at IIT - Bombay

P.K Das Energy Park:The main objective is to increase the contribution of non- conventional energy sources in the energy balance. It strengthens community, their awareness, promotes them using energy efficiency, protecting environment.

Objectives: To create an awareness about the impact on renewable energy sources for the students. Make the student to involve mini projects, main projects and research by using renewable energy sources.

Industry Institute Interaction Cell: The IIIC enables to conduct seminar, workshops, FDP for the students and staff on par with state of the art technology. The cell facilitates the MoU with industries in order to provide the training, field trips and internship etc. for the students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://nehrucolleges.org/NAAC/Innovation%20ecosystem.pdf

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

11

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

0

File Description	Documents
URL to the research page on HEI website	https://nehrucolleges.org/NAAC/Research%20&%20Development%20Cell.pdf
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

44

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

37

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Nehru Institute of Engineering and Technology actively organized

various extension activities such as awareness programmes on Covid 19 prevention, Importance of Wearing Face Mask, intake of Nilavembu Kasaiyam, etc. via physical and virtual mode due to corona pandemic situation. NSS volunteers' service to the public is playing a vital role like adapting a particular village to make awareness of doing cleaning works and educating awareness.

The following activities have been carried out through National Service Scheme/YRC/RRC and Rotaract clubs during the academic year 2020-2021:

- NSS Volunteers distributed Nilavembu Kasaiyam to staffs, students and also for nearby village people to increase their immunity power.
- Every year we celebrate our national days like Republic day, Independence day for remembrance of our freedom fighters and their hard work.
- NSS students have carried out tree plantation in the Institution premises every year on Independence day and Republic day.
- Our NSS students had created the awareness about Covid-19, importance of wearing face mask, maintaining a social distance in public place.
- From the inception of the year 2010, food is being provided at free of cost to the Thirumalayampalayam village people every day morning and afternoon in the name of AMUDHA SURABY.
- Students had organized Blood donation camp and many donors donated their bloods with a sense of responsibility for the social cause.

File Description	Documents
Paste link for additional information	https://nehrucolleges.org/nss.html
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	No File Uploaded

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

12

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

879

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration**3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year****3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year**

43

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year**3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year**

4

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

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 equipment etc.

Nehru Institute of Engineering and Technology provides the right environment with natural learning in harmony with nature and away from city life. It is located at Thirumalayampalayam, Coimbatore

encompassing a sprawling area of 10 acres with a built-up area of about 33000 Sq. m.

CLASS ROOM:

All the classrooms in the departments are provided with necessary provisions to enable the use of LCD projector and Laptop for teaching -learning process. Each class is provided with a green/blackboard and stage with a sufficient number of lights and fans.

LABORATORIES

The institution has modern, well-equipped laboratories with the latest equipment and required software for all the programs. All the laboratories are equipped with safety equipment such as fire extinguishers, awareness boards for "Do's and Don'ts", first aid box and safety precautions board.

The college has the following supplementary facilities in the campus

- Syndicate Bank with ATM, Canteen, Stationery Store, Medical Facility (Doctor Service with ambulance facility), Sprawling playground to conduct sports and games events
- The Institute has two hostels one for boys and one for girls with internet facility and other modern facilities.
- Good transport facility for more than 50KM and Separate Parking facility for Faculty and Student

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.nehrucolleges.org/aqar/4.1.1.pdf

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

The Department of Physical Education (DPE) of NIET has been putting in its best efforts in imbibing knowledge and imparting skills to students and faculty in various sports and games,

developing them to higher levels of expertise. Sports club of NIET has successfully induced the sporting culture among the students and faculty, which is evident through the laurels achieved. The DPE comprises of 2 Physical Directors and supporting staff.

Prominent Features

Qualified Physical Directors and Supporting staff, playing area of 1,000 Sq.m. Sponsorships to elite players, Exposure of students to state and national-level tournaments, Individual attention to every player through mentoring, indoor sports complex

Infrastructure and Facilities

The Institute is enriched with play area which includes:

Athletic ground, Football, Volleyball, Kabaddi, Kho-kho, Ball badminton, Basketball, Chess, Badminton, Table tennis, Carrom, Billiards etc.

Cultural Activities

NIET strongly believes that Cultural activities are an integral part of enjoyment and entertainment. The "Avatar" Cultural Club of the institution aims at identifying various hidden talents of the students and helps to bring out their talents. It encourages and brings out the artistic capabilities of students in the field of Music, Dance, Drama, Visual Arts and other cultural activities.

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

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

56

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://nehrucolleges.org/aqar/4.1.3.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

47.89

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

Nehru Institute of Engineering and Technology established a spacious Central Library in the name of PK Das Knowledge Fort with an built up area of 30,000 sq.ft in a pleasant environment. The library has developed an excellent collection of books, journals and non-book materials in Science, Engineering, Technology, Humanities and Management. It maintains separate collections of reference books, standards, and back volumes of journals, technical reports and compact discs. The library is using Auto Lib OPAC (Online Public Access Catalogue) and the users can search the Library Online Catalogue by author's name, title, subject, and keywords available on the campus LAN. The total collection of library stands for 28601 volumes and 198 National and International Journals and Magazine

- The Institute installed Integrated Library Management System (ILMS) namely "AutoLib" in the year 2006. Library has provision of s/w such as AutoLib software with OPAC (Online Public Access Catalogue) for students & faculty members to search books by title/ author name etc
- AutoLib Software's flagship product is AutoLib Library Automation and Management software, which is the leading solution for academic institutions internationally and is a total Library Automation Solution Provider

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://www.nehrucolleges.org/library.html

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

3.20

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

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

120

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

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

NIET constantly upgrades both software and hardware as per the prescribed norms and academic standards

Following are the strategies for deploying upgrading IT infrastructure and associated facility

- Computer systems are configured with I- processor, core-2 duo and dualcore in all the labs
- Wi-Fi connectivity provided on entire campus is upgraded periodically
- Hardware firewall (Cyberoam 300ing) and Antivirus software are produced for security. IT enabled accessories are purchased as per requirement. Maintenance is carried out regularly.

Risk Management:

The institute IT assets such as website, E-Resources, campus automation system is protected against vulnerability, threads and

theft through Kaspersky antivirus.

Open Sources Resources:

College emphasizes and use of free and open-source software as per guidelines of AICTE and affiliating University.

LAN Facility:

Both Ethernet and Wi-Fi with broad band leased line internet facility are available in all the department and office building. Ethernet, LAN and 60 MBPS dedicated Internet facility have been upgraded Wi-Fi ALN and Broad band internet connectivity to provide Seamless transmission of Data and optimal remote access of computing resources. Up gradation to fiber optic LAN in the campus in agenda for future.

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

4.3.2 - Number of Computers

549

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)**4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)**

86.46

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

Maintenance of the physical Infrastructure and Utilization:

The maintenance and upkeep of the infrastructure facilities are carried out the surveillance of the campus supervisor. The campus supervisor keeps the records of Infrastructure maintenance.

Maintenance of Computer:

A separate computer maintenance team Centralized Computer Centre (CCC) is responsible which handles the departmental requirements.

Maintenance of Lab Equipment:

All the departments take care of timely maintenance of the laboratory equipment.

Upkeep and maintenance:

All departments shall strictly follow the laid down procedures and guidelines of the institute with regard to cleanliness and preventive and corrective maintenance of infrastructure. This shall include the following.

1. Regular cleaning of class rooms, Seminar halls, Labs etc.,

2. Regular inspection and periodic maintenance of equipment including lubrication, wherever

Necessary.

3. UPS and GENSET maintenance are carried over by AMC periodically.

Library:

The Librarian, ably assisted by a team of supporting staff, looks after the maintenance of the library books, journals, periodicals, furniture, electronic equipment, computers and software.

Sports Complex:

The Sports Complex comprising different playing fields, track & field, Indoor Stadium, Gym and Pavilion is regularly cleaned and well maintained by support staff. Regular mopping of the Indoor Stadium is done.

.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://nehrucolleges.org/aqar/4.4.2.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

585

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

112

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to Institutional website	https://drive.google.com/file/d/14FqYhTx7jD95AIJS2c9CM8PGVzZXcCmW/view?usp=sharing
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

Nil

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression**5.2.1 - Number of placement of outgoing students during the year****5.2.1.1 - Number of outgoing students placed during the year**

174	
File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File
5.2.2 - Number of students progressing to higher education during the year	
5.2.2.1 - Number of outgoing student progression to higher education	
11	
File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File
5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)	
5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year	
7	
File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File
5.3 - Student Participation and Activities	

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

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

10

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

Nehru Institute of Engineering & Technology encompasses various Committees for the prosperity of the students and provides opportunities to take part in the Administration as well as Departmental activities, and Co-Curricular activities.

Class Representatives

In every Academic year, a student is selected based on merit and interest to be the class representative. The role of the class representative is to bridge the gap between the class students and the Class Advisor and this inculcates leadership qualities in the students. Communication is made regarding the general necessities of the students as one-point contact.

Class Committee

For every class, the academic progress of each class is evaluated in frequent intervals. Few student representatives comprising Bright students and slow learners from each class along with the faculties handling the subjects form this committee. A faculty member not handling any subject to that class act as the

Chairman.

Department Associations

In every Academic year, the students participate in the decision-making process of selecting activities to be organized by the department like seminars, workshops, guest lectures, value-added courses etc. through meetings. Each department has an association consisting of students nominated based on merit for President, Vice President, Secretary and Treasurer guided by a faculty member as an advisor to discuss and decide the meetings to be conducted.

Student Council

The college has an overall Student council. Each department will suggest a Student based on their academic performances who will be constituted in the Student Council every academic year. The Student council involves in the following activities:

1. Organizing College day and Avatar (National level intercollegiate meet) functions every year and functions like Celebrations of festivals namely Independence Day and Republic Day, Onam and Pongal effectively under the guidance of the convener and the faculty members.
2. Publishing College Magazine 'VISTA' during College Day Celebrations annually.
3. Dissemination of College / Department POs, PSOs, PEOs along with other relevant information for the students through student's handbook which is prepared with the help of student council members.
4. Organizing Sports Day from House formation to Team selection with the support of the student council advisor and the Physical Director.
5. Mediating between management and students to solve the general issues.
6. Extending support to principal office/department.
7. Giving feedback to the Principal for the smooth functioning of the events like college day, Graduation day, Symposiums, etc.,
8. Students have representations in the Transportation Committee for the smooth operation of the Transportation Department of the college which has a fleet of 40 buses operating over a maximum radius of 70 km every day in both Tamilnadu and Kerala.
9. College follows an open system to all the activities and

student members are nominated and freely suggest their grievances through grievance and redressal cell.

10. Women students have representation in the women empowerment cell and welfare committee of the college.

Student members are taking part in various bodies like Library advisory committee (One student from every department), Grievance and Redressal Committee (one representative from each class), Academic Advisory Committee (Department level, One student from Each Class or Section), Transport Committee (Student In-charges in all the buses for both Tamilnadu and Kerala routes), Curriculum and Planning Committee (Student Representative), Selection of Elective papers (Class Students), Review Meeting (10-15 Student Members per class), Class Committee meeting (10-12 Student Members per Year).

Student Feedbacks

The students give feedback about the department activities and for the development of college welfare to management through the Advisor of NGI and the Principal, NIET.

File Description	Documents
Paste link for additional information	http://www.nehrucolleges.org/NAAC/Student%20Counci0.pdf
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

117

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

NIET alumni connect

The college has an alumni association in the name of alumni connect whose meeting is mostly organised in

the college campus itself every year or sometimes off campus at hotel of major cities. The alumni

meetings are discussing steps to be taken for the development of the college with regard to industry institution collaboration and job opportunities. These suggestions are conveyed to the college council

through the Principal and necessary steps will be taken. The Alumni Association seeks to unite graduates with each other and current students through mentoring and career development programs, events and reunions and a range of volunteer opportunities.

The alumni connect is conducted once in a year, where the alumni from different batches are discussing

their views and give suggestions for the betterment of the junior students The alumni connect is organised by the alumni committee of the college and the alumni are honored. These meetings are mutually beneficial for the Institution and the alumni. This offers chances for the alumni to meet their friends and act as a bridge for the faculty to share their experience, knowledge and

suggestions. The alumni are invited o the institution to deliver talks on career guidance and seminars for the students in their areas of expertise and motivate the young minds. Successful entrepreneurs from are invited to talk about their success stories with the budding engineers.

The alumni also help the students of the college to get opportunities to undergo industrial visit or internship

in their organizations or to assist them to get it through their references.

They also help the students for getting placement in their organization and alumni connect meetings pave

the way for the successful placements of the students.

Students are a part of the institution after their graduation also. Keeping this in mind only Alumni

Association is formed and it keeps track of past students' career growth. They are given link in the

institution website to give constructive feedback and suggestions at any time from anywhere

Moreover, the members of Alumni association often visit the institute and share their knowledge and

experience with our staff and students. Knowledge and skill development programmes are conducted based

on their suggestions given by them

File Description	Documents
Paste link for additional information	https://sites.google.com/a/nehrucolleges.com/ngialumniconnect/
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

VISION OF THE INSTITUTION

"Our vision is to mould the youngsters to acquire sound knowledge in technical and scientific fields to face the future challenges by continuous upgradation of all resources and processes for the benefit of humanity as envisaged by our great leader Pandit Jawaharlal Nehru"

MISSION OF THE INSTITUTION

- To build a strong centre of learning and research in engineering and technology*
- To produce quality engineers, dedicated scientists and leaders*
- To encourage entrepreneurship*
- To face the challenging needs of the global industries*
- To facilitate the youth to learn and imbibe discipline, culture and spirituality*

Articulation of the mission

The mission of the institute would become into reality only if we could make the students into professionals with technical competence and managerial skills with no compromise on moral values and professional ethics. In the journey of accomplishing the vision, the institute strives to bring a holistic development of the students to fulfill the expectancies of the industry, society and nation.

The nature of governance, perspective plans and participation of the teachers in the decision making bodies

The top management headed by the CEO & Secretary who is the highest authority in leading the administration of the institution. The CEO & Secretary presides over the Governing

Council meetings and subsequently based on the recommendations of the Governing Council, the activities such as commencement of new courses, expansion of infrastructure, implementation of strategy, ratification of agreements and MoUs and other important decisions are taken by the CEO & Secretary.

The CEO & Secretary leads the administration of the institution and guides Principal, faculty and students towards the vision and mission of the institute. The strategic plans of the institute are framed based on the Vision and Mission of the institute which are driven by the expectation of the corporate world, society and stakeholders. The strategic plan is further discussed with the Principal and Heads of the departments for execution. The perspective plans are envisioned and prepared by the Principal for day to day events and schedules. The academic calendar that contains schedules of the internal assessment tests, industrial visits, conferences, workshops, seminars, FDPs, club activities, sports day, cultural festival celebrations, NSS activities etc., is prepared by the Principal after having discussions with IQAC and the HODs and various committee members. The Principal ensures the consistency in quality standards in teaching learning Process, evaluation system and OBE related activities. The various quality improvement programs are initiated by the Principal and subsequently for the Implementation of quality programs, discussions are held among Principal, Head of Internal Quality Assurance Cell (IQAC) and Dean, Director, all Heads of the departments. At implementation level these programmes are implemented by HODs, In-charges and Coordinators of various cells. Only with the approval of the Principal, all the action plans for the departments are implemented by respective HoDs. The teaching and non-teaching members are assigned with the roles and responsibility to work in a harmonious environment with complete transparency to implement the action plan. The HODs periodically conduct the meeting in their departments to assign the work and review the progress of work to achieve the action plan.

File Description	Documents
Paste link for additional information	https://www.nehrucolleges.org/aqar/6.1.1%20A.pdf
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

Decentralization

The institution clearly defines the decentralization process through delegation of authority. Top-level hierarchy is responsible for controlling and monitoring the entire institution. It includes the COE & Secretary, Governing council members and Principal. The Governing Council facilitates the COE & Secretary with regard to broad guidelines, policies and framework for the improvement of quality education in the institution. At various hierarchy levels, all the faculty members are assigned to take up various activities related to the development of the institution that are given by the management through the Principal. The academic and administrative activities of the Institute are headed by Principal and also he forms various committees and assigns responsibilities. In this process various Dean, Director, Head of the Departments (HOD), Librarian, Physical Education Director execute institutional plans. It includes all the faculty members, non-teaching staff and others are available to help the middle level managers by coordinating the activities delegated to them. In all academic and non-academic activities, institution follows the participative management for implementation of all its decisions.

The college service rules are framed by the governing council of the Institution in accordance with the provisions of AICTE norms, Anna University rules and regulations. These service rules are implemented as per the service rule book called "Rules Book" which comprises of the following items under which the related rules are clearly mentioned. The duties and responsibilities of academic staff members are defined clearly for Professor, Associate Professor, Assistant Professor, Training & Placement Officer, and Librarian. The functions and responsibilities of the Governing council and other committees are defined. The responsibilities and functions of the Principal, Head of the Department, the teaching and non-teaching staff are defined. The terms and conditions of service of permanent employees such as rules of conduct for the employees, Leave Rules, Travelling Allowance Rules are framed in the rules book. The Rules regarding the deputation of faculty members are also well defined.

The service rules book is available with the head of departments and Central Library and the information is made available to all the employees of the Institution. The objectives of this decentralization process are to facilitate quick decision making related to academic and administrative activities at all levels.

It also involves the faculty members and officers at administration positions at different levels in practicing the responsibilities with accountability to ensure transparency in the academic and administrative activities in timely follow up actions.

Participative Management

Implementation of E-Learning Resources as a participative management is achieved through the student council members who requested the council head for all the class notes, review questions, university questions, and lecture videos in the form of soft copy. The student council head requested Principal and subsequently a meeting was arranged and the need of E-Learning was discussed. In that meeting a decision was taken on creation of an E-Learning system (ELS) for the Institution for the benefit of all students.

All committees are working effectively for the regular functioning of the institute. This administrative mechanism imparts participative management functions.

File Description	Documents
Paste link for additional information	https://www.nehrucolleges.org/decentralization.html
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institution has a strategic plan in tune with the vision and mission of the college. During the COVID-19 period, the strategic plan is developed on considering prevailing societal conditions and technological supports and contribution of the resource persons from academics and industry sectors. The online free webinars are planned for the benefit of students and academicians, researchers and industry persons. Each department has schedule for webinar series under various topics in thrust areas. The college conducted many webinars under Industry-Institution collaboration that is perceived from the strategic plan of the institution for this pandemic year.

MISSION OF ONLINE WEBINAR LEARNING

The principal mission of online learning is to enhance student access to the online academic programs. Of equal importance,

The online webinar sessions are essentially planned to support the students to acquire the technical knowledge skills on various domains in thrust areas. The online learning strategies imparts the seamless continuation of their academics and professional goals. By imparting training to the faculty members on teaching methodologies for online sessions, our faculty members simultaneously acquire new instructional skill sets which is important to their academic growth and professional development. The college is committed to provide the support and resources to students and faculty as they need to succeed as participants in online teaching-learning process.

THE IMPORTANCE OF ONLINE WEBINAR LEARNING

Online learning greatly helps the students to acquire the knowledge according to their requirements that comes outside of the traditional classroom scenario. The online webinars are particularly important to students who are willing to gather many ideas for developing projects thereby developing the technical skills and online learning strategies as they need to pursue their future educational and professional goals.

Advanced programs designed to meet the complementary needs of technical knowledge for the working professionals. These kind of online programs strongly support the college mission of serving regional and statewide economic and workforce development as social commitment which is required for less privileged learning community.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.nehrucolleges.org/iot-lab.html
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Organization Setup

The Mechanism of providing right direction to programs is derived through Vision and Mission institution. The Approval process is implemented through HoD meetings for annual academic, program budget on and expenses, review of department activities. At the Institution level annual performance appraisal, collection of informal feedback from students for improvement process, review of complaints and suggestions by monitoring the corrective measures for implementation are followed.

The Single Point of Contact for Anna University and AICTE, approval of proposal for projects forwarded to various funding agencies. The approval of human resources requirements for the institution, towards identifying, planning and monitoring the Academic Performance Improvement initiatives are followed. It is responsible for the following such as research, innovative activities, review, approval of students, faculty project proposals for funding, counseling faculty for pursuing researches. Responsibilities of Head of Departments are to chair the Department Advisory Committee Meetings and to give Approval to program in accordance to Vision, Mission and PEO's. The curricular gaps, relevant value-added courses, monitoring of Teaching-Learning Process, attainment of course and program outcomes, identification and monitoring of program outcome and initiatives for improvement are discussed in HoDs meetings.

Approval and implementation process of Department Academic Calendar and Time Table, Course Plan, Planning, Allocation and Utilization of Human Resources, Planning, Procurement and Utilization of Department Level Infrastructure/Labs/Equipment is carried out at department level by HoDs. The following process such as identification of class advisors and mentors and allocation of students to Mentors, Chairing Department Review Meetings and Class Committee Meetings, identification and provision of co-curricular programs, Approval of student, staff leave and on duty requests, Identification and monitoring of staff competency enhancement initiatives, reviewing and monitoring of support initiatives for slow Learners, reviewing and monitoring of support initiatives for advanced learners are carried out at department level. At the end of every academic year, the requirement for the next academic year such as recruitment of teaching, non-teaching and administrative staff is planned. A performance appraisal is conducted for all faculties at the end of every year. New faculty induction and evaluation, Annual Performance Appraisal for Department Staff Members, Approval of Reference Books for courses, Preparation of Department Budget and approval of expenses are followed. The

Approval for Purchase of Consumables, Guest lecture remuneration, Stationery items and other items are mentioned in the approved budgets. The grievance and redressal committee enquires the complaints from representatives of the students forwarded by the Principal. The date for the enquiry for getting the feedback from Students is fixed after conducting the meeting with the committee members. By sending an intimation to the applicant and concerned individuals and giving chances to them to put forth their point of view is followed. Coordination among discipline committee, Anti-ragging, Sexual Harassment Committee, Hostel and Mess committee is maintained to solve the issue or complaint registered. By submitting the report of the committee to the Principal, the further action is followed.

File Description	Documents
Paste link for additional information	https://www.nehrucolleges.org/aqar/6.2.2%20B.pdf
Link to Organogram of the institution webpage	http://nehrucolleges.org/about-niet.html
Upload any additional information	View File

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The teaching and non - teaching staff have an important role in

the growth of the institute and therefore the college recognizes their productiveness and acknowledges their needs and requirements. The welfare measures make employees happy and loyal in turn boosting their morale towards the work and commitments. The enthusiasm of the employees is increased thereby their physical and mental health is also increased. By this way it promotes a dynamic and encouraging work atmosphere. So, the institution implements various effective welfare schemes. The following list shows the various welfare measures that are provided by the Management.

- Group Insurance coverage for all the teaching and non-teaching employees.
- Bus fees concession at the rate of 50% concession for all employees.
- Providing sponsorship for teaching faculties for higher studies.
- Recommendation and permission given by the institute to the employees for loan facility from the syndicate bank.
- Fees concession is provided to the wards of employees.
- Gifts, Sweats are distributed during Pongal, Onam and Diwali festival celebrations. Providing concession for the treatment given in dispensary located in the campus.
- Free medical consultation is given by the resident doctor and first aid and 24x7 ambulance services are available.
- Twelve days on duty given to teaching faculties for attending Faculty Development Program
- On duty is given for 16 days to attend the university assignments.
- Twelve days casual leave is given to all employees as per the norms
- In summer vacation 20 days and winter vacation 10 days are given in each semester.
- 5 days leave for marriage given and wishes and compliment will be sent from Management.
- 50% Registration fee sponsorship for attending outside programs
- Incentives for authoring books and publication in referred journals and reputed conferences
- Organizing orientation program in every semester for all the employees.
- Awards and rewards are given to recognize and appreciate for meritorious work of the employees. All the non-doctoral faculties are encouraged to get enrolled for Ph.D. program in various Universities. Providing on duty to pursue Ph.D. program.

- Cafeteria and Stores and stationery shops are established for the benefits of all.
- The best teachers and life time achievement awards are given to the deserved faculties in every year.
- ESI, PF coverage is provided for the entire non-teaching faculty, who have completed one year of service.
- Conducting health camp for all faculties to ensure the good physical conditions.
- An advance amount is granted as a financial assistance to the employees, when it is demanded by them.
- The NGI-Excellence award is given for the teaching and non-teaching faculties in the to honour the dedicated service who completed continuous 10 years of service.

File Description	Documents
Paste link for additional information	https://www.nehrucolleges.org/images/HR-policy-NIET.pdf
Upload any additional information	View File

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

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

57

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

33

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

102

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The following factors are effectively scrutinized in the appraisal system for teaching staff. The Students feedback, University Examination results, attitude, involvement, commitment and achievement of a faculty with respect to his/her feedback and

review of performance. The duly filled self-appraisal form is received from each faculty at the end of every semester.

According to the class room teaching, presentation techniques, course delivery, evaluation of test papers, syllabus coverage and fulfilling the academic commitments in time; the performance of a faculty is assessed based on the mark allocation to the above criteria, An effective performance appraisal system helps the faculties in improvising their performance, enhancing their professional growth and contributing to institutional performance. The performance appraisals provide the information useful for promotion / increment determinations and at the same time, it offers an opportunity for evaluation and discussion of employee weaknesses and strengths.

The faculty appraisal process is based on self-appraisal report; providing the information about academic performance, research activities, developmental activities of department and institute. The student's feedback based on online and oral in class committee meeting. The HOD's evaluation based on the above analysis subsequently the following actions are implemented. The faculty members are encouraged to evaluate and identify their strengths and weaknesses aspects. Faculty members are encouraged to incorporate changes suggested by the appraisal committee, to strengthen the quality deliverables.

The pace of their deliverables as per the student requirements is satisfactorily matched by the faculty members. The completion of the syllabus on time is done by the faculty members based on the suggestions given to them and extra lecture classes are arranged if necessary. The result analysis of internal assessment is done regularly and the remedial classes are arranged to low performing students in reference to academic progress of the students.

Faculty members are encouraged to undertake R&D projects, consultancy work and apply for research grants. Financial support will be provided for filing patent / copyrights. Encouragement is given to the faculty members to participate in conferences and publish the research papers in the international / national journals. By granting OD to the faculty members based on their competency requirement, are counseled to attend FDP, STTP and workshops organized by the reputed Institutions / Universities. The faculty members are encouraged to organize national / international seminars / guest lecturers / workshops/ conferences by sponsoring such events from the institute.

Periodically appraisal interviews are conducted to evaluate the teaching skills and depth of subject knowledge. The assessment results and concluding remarks are taken for the promotion, increments, recognition, and service continuation consideration. The report of the Head of the department is considered for the performance of non-teaching staff members.

As a result of these measures an academic results and placement have been improved thereby the competency of the students is increased. The Students could confidently participate in various events organized by industry and other organization and win prizes bringing reputation to the college.

File Description	Documents
Paste link for additional information	https://www.nehrucolleges.org/performance-appraisal.html
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

A well-defined internal audit mechanism is followed to inspect the utilization of funds and the internal financial audit process is carried out regularly. The sanctioning process of the budget is well defined and the budgetary preparation is preceded with the process of auditing.

The monthly budget is prepared by all the departments based on the approved budget which is communicated to all the concerned persons. The expenditures of the Institution is monitored and reviewed by conducting budget meeting. The monitoring of expenditure against budget is undertaken annually, where all department in-charges and purchase manager submit their annual expenditure statement to the Principal and it is forwarded to the CEO & Secretary.

To control the expenses and increase the operating efficiency; the auditing procedure is carried out. The Principal office, accounts department, administrative in-charges, department in charges maintain the proper record for all budget expenses. After the verification of vouchers and bills, the accounts department

maintains the record of all the expenditures. The income and expenditure statement is audited and validated by a Chartered Account at the end of every financial year; thereby the statutory external auditing norms are complied by the Institution.

Internal Audit

Every financial year, an internal audit process is regularly carried out by the audit section of the institution headed by finance officer. A report is submitted to the Principal from the audit section after complete verification. This audit process is carried out by the professionally qualified and competent chartered accounts. There are no major discrepancies identified by the expert auditors so far. For every account transaction, the account section of the institution properly maintains the cash books, ledgers. After careful verification, each bill is passed. The reconciliation process is done at the end of every month and marked for next month record entry. The preparation of financial statement about income and expenditure with full scrutinization is done by chartered account after receiving the bills from the internal audit section. The same mode of auditing process is maintained for the last five years successfully. The details of audited reports are given in the web link for previous years.

External Audit

The financial reports are presented to Board of Governing council for the approval at the end of the financial year after the college accounts are audited by the Chartered Accounts professional nominated by the college management. For the purpose of permission seeking from AICTE for admitting the next academic year batch, a copy of the statement of audit is sent to AICTE.

The audit reports are submitted to academic bodies at state government and central government level as and when required. Depending upon the previous year money allocation and expenditure trend, the budget proposals are prepared before starting of upcoming financial year. The strength of students, revisions in pay scales to the staff and statutory requirement of infrastructure are also taken into consideration.

File Description	Documents
Paste link for additional information	https://www.nehrucolleges.org/audit-report.html
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Mobilization of funds

The funds are mobilized by the Institute through fees paid by the students who are admitted as per regulations governed by Tamil Nadu Government Higher Education rules and regulation. The other sources of funds are through the internal revenue that is the bank interest accrued from deposits of fund. Other sources of financial revenue include Workshops, Training & Consultancy, Participation fee collected in various conferences and seminars organized by the Institution. A report of sanctioned budget and actual expenses are periodically maintained according to the guidelines specified by the Management and Principal. Institution has well defined mechanism to monitor effective and efficient use of available resources.

The financial resources obtained from above mentioned sources are allocated and channelized for their respective activities. The funds are used for the student academic activities such as

organising symposium, cash prizes for the winners of other colleges students in the technical events arranged by this Institute.

The students are provided with TA/DA when they participate seminars and workshops that are conducted in other colleges. For the placement training, development programmes, value added courses, awards given by trust, cash prizes for the rank holders, guest lecture sessions and industrial visits are provided with this fund.

The financial assistance is provided to the students who participate at various national and state level events and competitions. For each academic year, the institution has the plan towards effective usage of budgeted fund.

Purchases will be made with the recommendations of duly constituted Purchase Committee and with the approval of CEO & Secretary. The amount withdrawn from the banks will follow a systematic mechanism of obtaining the signatures of the CEO & Secretary. In this process the expenditure made will be identified whether it is budgeted expenditure or out-of budgeted expenditure. In case of out of budgeted expenditure, ratification is sought from the CEO & Secretary. Nevertheless, the main source of income in the institute is fees paid by the students/ reimbursement. Every year the Institution proposes the annual budget based on the admissions filled in that academic year and as per requirements to the governing body meeting. It will be thoroughly reviewed comparing with the previous academic year budget and, modifications will be suggested and final approval of the budget will be taken. The approved budget will be utilized as per the schedule. The College mobilizes the funds from conducting the Students Technical Fests, Quizzes, seminars and exhibitions. Further, faculty is encouraged to apply to financial agencies such as TNSCST, AICTE, CSIR and DST to get financial sanctions for Projects and modernization and training programmes.

File Description	Documents
Paste link for additional information	https://www.nehrucolleges.org/
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The Internal Quality Assurance Cell has been constituted in the year 2014 and is playing a crucial role with its initiatives in academic and administrative domains. The prime task of IQAC is to develop a system for conscious, consistent and catalytic improvement in the performance of institution. IQAC motivates the faculty to adopt Innovative processes in Teaching and Learning process. IQAC plays a significant role in establishing MOUS with industry and academia to conduct certification programmes which helps the students to bridge the gap between the industry requirements and curriculum. To enhance the technical knowledge and entrepreneurship capability, IQAC motivates students and faculty members to make use of different schemes under DST, AICTE, TNSCST, NGI-TBI and NewGEN IEDC... To impart social responsibility, activities are conducted regularly through NSS, YRC and RRC to learn the social ethics and culture. IQAC takes initiative to conduct Co-curricular activities like Science Exhibitions, conduct competitions like Quiz to build competitive and organizational skills in the students.

Significant Contributions made by IQAC

Mentor - Mentee system has been followed for personal counseling and grievances redressal of the students. Mentoring is a student monitoring process. All the personal, academic, co-curricular and extra-curricular information about the students are recorded in the Student record maintained by the respective faculty mentor. Each student's academic and other activities are keenly monitored by the mentors. They take the responsibility of providing additional coaching classes for the slow learners if any, with the help of Course coordinator. Mentors also give extra focus on the students having backlog arrears by conducting additional coaching classes for the slow learners to ensure improved performance. Students with idea of dropping out are specifically counseled by addressing their problem and are motivated to be

retained. Ethical and moral values are imparted to the students regularly during the mentoring. Students participating in club and sports activities are encouraged to improve the leadership qualities. Parent meetings are conducted by inviting parents to discuss about their wards performance.

The practice of Outcome Based Education has been introduced in the year 2017. As a part of it, question paper setting based on Blooms Taxonomy Level has been initiated. The course outcomes (CO) of a particular course defined by the subject expert, Programme Educational Objectives (PEO) and Program Outcomes (PO) are well communicated and disseminated to the stakeholders. The outcome is measured for each course and the attainment of Program Outcome is calculated by PO-CO matrix. Finally Programme Educational Objectives and Program Outcomes performance is calculated using PO-PEO matrix. Content beyond syllabus has been taught to bridge the gap between syllabus & recent trends in Technology by conducting seminars, workshops, projects and Industrial Visits

File Description	Documents
Paste link for additional information	https://www.nehrucolleges.org/NAAC/6.5.1-outcome-based-education.pdf
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms. ERP of NIET is focused to maintain and monitor all the academic and non-academic process.

1. Curriculum and Content Management System: A paradigm shift in the teaching learning process is the need of the hour. The new generation students have the expectations to learn from the smart class rooms, and they feel conventional teaching methods like blackboard and PowerPoint presentations are less effective. In order to implement the above objectives, the e-learning process is initiated by IQAC. The teaching and learning process with an excellent

instructional design, delivery, supplemented by video presentation is developed by the students as an application to be used in mobile phones very effectively. This e-learning tool is made for teaching and learning in the digital environment where online resources are to be created and uploaded. Students can access to courses offered online with instruction and course materials, notes, course topics, YouTube video channel containing lecture videos and discussion forums

2. Student Management Process The IQAC specifically implemented an automatic SMS system through the icampuz where SMS is automatically sent to parents when they are absent from the class. This is mainly used to register all the details of students with their educational details and family background through icampuz. The attendance of student is maintained and monitored effectively. This helps the parents to monitor their wards closely and make the necessary advice to them.
3. Academic Management Process: Icampuz mainly focuses to monitor the academic delivery in each class. The faculty members are allotted with subjects depending on their preference and expertise. The allotted courses are mapped with the class timetable and the students are automatically registered for that course. The faculty member has to enter the lesson plan in concurrence with HoD. The content delivered by the faculty after each class has to be entered along with the topic and time. The HoDs can view if there is any deviation in the content delivery. Necessary steps will be taken to complete all the topics within stipulated time. The internal marks and grades attained in their final exam is also available in icampuz. The IQAC and the hierarchy can monitor the academic activities at anytime and subsequently decision making is ensured.
4. Staff Management Process: It is used to maintain to effectively monitor personal details, login details, staff attendance, leave structure and payroll of faculty. The icampuz tool emphasizes to maintain staff leaves accurately and ensures accuracy in payroll calculation and reduces time for preparing worksheets. The staff can apply for leave and permission well in advance in this app even from home with proper alternate arrangements. The form is automatically sent to the respective Heads of departments for approval and finally the Principal sanctions the leave. It streamlines complete staff management process for efficient institutional working regarding attendance, salary and events. The faculty information of academic and

administration domain is effectively monitored by IQAC.

5. **Library Management Process:** The web based OPAC (Online Public Access Catalogue) facility is made available through Library Management software to know the bibliographical details about collection. A separate computer is made available in the Central library for web based OPAC facility. Users from anywhere can search the library collection. Search by giving title, author and department is provided through OPAC. DELNET. IQAC has given the plan to improve the Library facilities; the DELNET is introduced in NIET library. To promote sharing of resources among the libraries by developing a network of libraries, by collecting, storing and disseminating information and by offering computerized services to the users. The DELNET has created union list of current periodicals in science and technology, social sciences and humanities. This database is available online to DELNET users. The students could access all categories of knowledge domains from all libraries around the nation.
6. **MOODLE- for Placement Cell:** The IQAC recommended Moodle which is a learning platform for placement designed to provide faculties and students with a single robust, secure and integrated system to create personalized learning environments.. It provides the most flexible tool-set to support both blended learning and online resource from NCPIR placement cell. She students can attend their aptitude test from anywhere. The self-learning capability of the student is increased. This is mainly used for the exams conducted by the placement cell.
7. **Audit Process:** IQAC reviews the teaching learning process, methodologies of operations and learning outcomes at periodic intervals through the evaluation of the semester wise Periodic Performance Report from the Departments. In addition to this, an Academic Audit is conducted per semester to monitor and appraise the individual teacher performance in academic activities. The Academic Audit model involves a team of academic members representing all departments. The academic audit is conducted by IQAC in four phases during each semester to improve the quality of teaching learning process. Based on the deviations observed during the audit process, an action taken report is generated to identify corrective action and the same is tracked to closure. Due to COVID-19 pandemic situation, the internal academic audit for this academic year (2020-2021) has been planned as per NAAC criteria aspects The departments have achieved adequate and effective quality

assurance mechanisms to provide continuous improvement in education in terms of exam results..

8. **Class Committee Meeting:** The Class committee meeting is chaired by the class chairman with faculties and students. The committee meeting is attended by all the subject handling faculty members and a team of student representatives during which the feedback recorded. Based on the feedback obtained in the class committee meeting, necessary remedial actions are taken by IQAC.

File Description	Documents
Paste link for additional information	https://assessmentonline.naac.gov.in/storage/app/hei/SSR/104484/6.5.2_1584441860_4684.pdf
Upload any additional information	No File Uploaded

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://nehrucolleges.org/NAAC/Annual-Report-2020-2021.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Gender equity acts as the fair treatment of women and men according to their respective needs. This may include equal treatment, or it may include treatment that is different but considered equivalent in terms of rights, benefits, obligations, and opportunities. Gender equity ensures opportunities are not limited on the basis of gender.

Our institution's Gender Equity Cell (GEC) was founded with the goal of providing a safe environment for all female students, administrative staff, and faculty members to work without fear, menace, or worry. The institution assures that its women who are affiliated with it are treated with self-esteem and reverence, free of abuse and harassment, through this cell. Female teachers, staff, and students account for more than 33% of the institution's total. Faculty representatives from each department, as well as two external members from the police department and the legal department, make up the Gender Equity Cell. Students can approach the cell through any means, in person, letters, suggestion box, email, etc., The mail id for this cell is nietgec@nehrucolleges.com. All the students, staffs and faculty members especially the females are given awareness in the beginning of the academic year about the gender equity cell, members and their activities.

GEC's mission is to raise awareness about sexual harassment by instilling courage in victims, providing various forms of assistance to victims, educating the public about the legal elements of sexual harassment, and providing counseling and health consultations. Even during the pandemic situation the Gender Equity cell have organized various programs including special lectures, Faculty development program on Gender Equity in classroom, through which the importance of gender equity in classroom and how can it be implemented, in which way the opportunities must be provided to both genders awareness given. Various participants from Thailand, Maldives, Odisha, Maharashtra, Delhi and different districts of Tamilnadu participated.

An online seminar on "Gender sensitization of Adulthood in Education campuses" was conducted for three days exclusively one day for students and next two days for faculty members, the discussion was on the psychological changes in the milestones of

children and the expectations and needs of both genders. How they both coop up with each other and get along with each other. The students were counseled by mentors through online whenever required to overcome their discrepancies.

File Description	Documents
Annual gender sensitization action plan	http://www.nehrucolleges.org/aqar/7.1.1%20(a).pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://www.nehrucolleges.org/aqar/7.1.1%20(b).pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Solid waste

In our Institution solid waste are segregated and collected as bio-degradable and non-degradable waste. The leaves falling from the trees & plants are converted into manure using the composite pit. The vegetable waste from mess and canteen are collected and treated in the biogas plant. During the pandemic hostel and canteen were not functioned so the wastes produced have been reduced; only the waste from the trees and plants are treated, and used. The usage of papers is reduced by sending e- circulars and information's. The waste generated by the departments, office, etc., were collected and given to the external vendors on

a timely basis.

Liquid waste

Well- constructed drainage system in the form of closed collection tanks is available in the campus. The waste water from the toilets is collected in the septic tanks. Waste Water from RO plant is effectively utilized to water the lawns, saplings and trees in the campus by sprinkler irrigation system.

E-waste

Due to pandemic, laboratory usage has been reduced so no e-waste materials were disposed.

Hazardous chemicals and radioactive waste

The Chemistry laboratory courses were taught to the students only limited days, so fewer chemicals without hazards have been utilized.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

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
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

7.1.6.1 - The institutional environment and energy initiatives 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

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment

A. Any 4 or all of the above

**5. Provision for enquiry and information :
Human assistance, reader, scribe, soft copies
of reading material, screen reading**

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

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

The institution houses NSS, YRC, RRC, Rotaract clubs in which student volunteers involved to help the needy people. It helps to cultivate a sense of social responsibility among the students.

The various departments of the college involve themselves and work in collaboration with various trusts and agencies. Students of these clubs are involved actively in the social activities like stem cell awareness programme, Nelavembu kasaya distribution camp, Corona Virus Awareness & Prevention Activities, Importance of Wearing Face Mask, Safety Precaution of COVID-19, 74th Independence Day 2020 program in offline. Few of our students have donated their Blood at Government Hospital, Coimbatore for the needy people. The APJ club organized motivational program for government higher secondary school students even during the pandemic situation. For the needy old aged people 'Amudha Surabhi' provides three meals a day.

Our Institution has donated necessary materials like face mask, oxymeter and sanitizers etc., to ESI hospital, Coimbatore and also the required relief fund and materials to the needy people during Covid'19.

The Rotaract club of our Institution has actively participated and conducted many events like Tree plantation, Muhakavasam uyirkavasam, Plant Tree chant free, etc.,. The faculties of our institution have been given NOBLE training.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

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

The institution provides on duty for the volunteers from each department to involve in the social activities and encourage the effort put in by the volunteers. The volunteers are given special responsibility during the social activities out of the campus. The student council and the student in our college involve themselves in organizing and exhibiting their roles and responsibility in the smooth conduct of cultural/festival activities inside the campus. Thus the students are empowered through educational and co-curricular tasks alike to be better citizens and leaders of future India.

The institution organized various programs to inculcate the constitutional obligations as a citizen among the students and faculty members. Awareness about Prevention in COVID 19, safety precautionary measures about COVID 19 has been organized. A Webinar was organized about the importance of wearing mask among the students during the pandemic lockdown time.

NSS, YRC & RRC, Rotaract clubs organized a "Blood Stem Cell Awareness Program" on 15/03/21 at NIET campus. Staff coordinator and students volunteers from all clubs made this awareness program a grand success. Nearly 100 students gave Blood stem cell for testing purposes.

The workshop organized by Mahatma Gandhi National Council of Rural Education(MGNCRE) in Department of Higher Education within Ministry of Education in Government of India on 7th May 2021. Faculty members and students from our Institution, NSS coordinators and student members of NSS club have participated in the Swachhta Action Plan (SAP) online workshop.

It is appropriate to increase consciousness about national identities and symbols, Fundamental Duties and Rights of Indian citizens. It is one's bond duty to stand by the nation in times

of natural calamities. Our college took initiatives to reach out the areas in Kerala and had given necessary supplies of materials and relief for the needy people during the time of Covid '19. The college organizes blood donation camp every year.

As per instruction from the central government and state government plastics are banned, in order to create awareness among the public our NSS club organized plastic awareness program. The Indian independence was fetched owing to the sacrifice of our great freedom fighters who bestowed their life for the sake of freedom and paved the way to frame the constitution. In order to honor the country and the leader's, institution celebrates the Independence and republic day every year, realizing the sense of duty towards the country also for the national integration and to preserve the rights of each and every individual.

The college tries to inculcate sensitivity and responsibility towards environment in the minds of our students. The sapling plantation programs, helps in encouraging ecofriendly environment.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	http://www.nehrucolleges.org/aqar/7.1.9(a).pdf
Any other relevant information	http://www.nehrucolleges.org/aqar/7.1.9%20(b).pdf

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

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

Important Day Celebration

The institution celebrates "National Science Day" every year on February 28th to commemorate the discovery of Raman Effect by Sir. CV Raman. On this regard various programs for the students are conducted. March 14th Pi Day was celebrated with great enthusiasm in the remembrance of great mathematician Ramanujan. On September 15th 2020 "Engineer's Day" was celebrated, which is the birthday of Sir. Mokshagundam Vishweshvaraya, whose technological exploration made great visionary, our Renowned Alumni was the Resource person for the Engineers day and for other events resource persons from other colleges is invited through online to benefit the budding engineers of our college.

The Green Day is celebrated in the college by planting the sapling in the college. In view of International Yoga day celebration, we have conducted Yoga session for the students on 26th February 2021 to provide the awareness on the importance of yoga World Book Day was celebrated. The importance of reading a book was emphasized. Library day was celebrated on 13.08.2020 as an awareness to inculcate the reading habits among the students.

We celebrate the republic day with great ardor on recognizing the day when the constitution of the country came into force on 26th January 1950. On 15th August, we celebrate the Independence Day on the view of national integration and preserve the rights of each and every individual.

National Festivals

The cultural, ethnic and religious diversity in our country has

given rise to many festivals that are celebrated with great enthusiasm. The students come together breaking the boundaries of religion and caste. Pongal, the harvest festival is celebrated grandly and traditionally thus creating a village atmosphere by preparing pongal in the college. The Ayudha / Lakshmi pooja is celebrated in the campus in a grand way. The poojas are done in each department, laboratories and in the college library.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

BEST PRACTICE - 1

Title of the Practice: Student Council

1.Goal:

A student council is a group of students from each department who have been democratically elected. Each student council member plays a specific role in the council, & the members of the group work together to plan activities, confront & resolve problems, & build leadership skills through the implementation of beneficial activities during the Institute Pandemic academic Year.

2.Objective of the Practice:

- Give voice that enables to participate actively in Academics as well sports and other related activities
- Encourage to exhibit activism, volunteerism and exploration in the college environment
- Develop the time managing & planning skills to build self-confidence & improve Academic performance

3.The Context:

- The aim is to create challenges to fast learners and creamy layer of the students, in terms of overall performance
- Later this proved to be a very unique initiative to mould the students into excellent professionals with high degree of positive attitude and optimism to achieve their goals

4.Evidence of Success:

- The percentage of students' involvement in curricular and co-curricular activities increased with the motivation from peer group even during the pandemic situation
- Online Placement and soft skill training have been given to the 2nd and 3rd year students for their improvement in aptitude and other relevant skills
- The College successfully organized functions like Onam, Pongal
- The student council members actively involved themselves in the preparation of college magazine and newsletter by giving awareness among their peer team students

5.Problems Encountered and Resources Required:

- Initially students found it difficult to balance academic and Student Council activities in the pandemic situation
- It was tackled by providing special support both in academics and other activities.
- All the e - content materials were shared to the students in our exclusive college portal Content Management System through which all the students can access the online study materials anywhere at any time
- College Magazine Vista and Newsletter is published every year.

BEST PRACTICE - 2

Title of the Practice: Nehru Corporate Placements and Industry Relations

1.Goal:

- Initiate and facilitate the interactions between the industry and academia during the Covid'19 pandemic situation.
- Identify the gap and providing online training by competent professionals.

- To work as a bridging partners in continuous engagement of industry and institution.
- Identify and bring in international linkages at multiple levels of engagement such as education, training and placements.

2.Context:

- Nehru corporate placement and industry relations (NCP&IR) have a team of professionals drawn from various industry backgrounds.
- This team works on building relationships with the industries to enable multiple level engagements such as placement training, alliances, projects etc.,
- The department involved in bringing top brands through online in manufacturing, information technology, automobiles, banking, financial services, insurance, retail, media ITES etc.,

3.Practice:

- NCP&IR continuously interacts with the corporate and students for their final placements. Over 150 reputed national and multinational companies visit NGI to recruit the students year after year.
- NCP&IR initiates and conducts Faculty Development Programme and Executive Development Programme. It provides incubation center for necessary infrastructure and knowledge facility for budding entrepreneurs.
- It also initiates corporate consultancy with industry and academics. NCP&IR also has a full fledged software development facility within the department.

4.Evidence of Success:

On organizing the Industry Exposure programs in online mode , students are exposed to industrial expectations to focus on the real time skill set. Due to this exposure Performance is improved in placement. Increase in participation of students in attending internship Industry understands the need of institution and has come forward to offer In plant Training, Industrial Visits/Projects with our continuous efforts. More online courses (industrial skill) registration by students and staff. Students are encouraged to take up industrial projects. Industrial expo has created the avenues to interact with HR's,

Science expo where students demonstrate their projects. More efforts are taken in this ground. On the success of the same the following were realized. CSIR programs were arranged in online during pandemic situation.

5. Problems Encountered and resources required:

Students' communication is a biggest threat due to their family background since most of the students come from rural back ground and due to their online mode of classes they found difficult because of their less concentration towards their communication. Interface with leading industries is a mighty task. Getting Industrial training/ project in software industries is a difficult task. The institution is far away from the Industrial corridor.

File Description	Documents
Best practices in the Institutional website	http://www.nehrucolleges.org/aqar/7.2%20(a).pdf
Any other relevant information	http://www.nehrucolleges.org/aqar/7.2%20(b).pdf

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

CONTENT MANAGEMENT SYSTEM

Our campus has moved to online learning strategies in 2015 well in advance with a lot of effort and challenges for faculties. The output of this strategy was CMS PORTAL.

Our campus used CMS Portal and ICT tools as a 'bridge' to break the distance and 'survive' the learning during pandemic situation.

During lockdown we have provided online training to our faculties on video conferencing software tools like Google Meet, Zoom app, Google apps like Forms. Later faculties provided online training to their students. Then our campus started handling online

classes.

Live streaming of online classes for urban students is not the problem as they are equipped with fast internet, uninterrupted power supply & electronic devices. Unfortunately, students in rural areas are facing challenges to access online due to poor data connectivity. To overcome this problem our faculties created E - content videos, which cannot be shared through whatsapp or gmail. So the faculties shared using this CMS PORTAL APP. Students can also see placement & alumni details, final year project videos, NPTEL videos, can read books from NDLI, papers of science Direct, faculty's lecture notes, reference books, question papers using their gadgets anywhere, any time.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. Academic and Administrative Audit (AAA) and initiation of follow up action
2. To get more research grants from Government and Non-Government organizations
3. Participation in Institution ranking..
4. To get good star rating in Institute Innovation Council- MHRD initiative
5. To increase the number of NGI -TBI and New Gen IEDC projects
6. To strengthen Alumni Association and parents-teachers association
7. To prepare and submit NAAC - SSR for Second Cycle.
8. To prepare and submit self Assessment report (SAR) for NBA Reaccreditation
9. To conduct Energy Audit, Green Audit and Environment Audit as part of a green initiative.