YEARLY STATUS REPORT - 2021-2022

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.Maniarasan
• 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	Thirumalayam Palayam
• 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. | `9080801478`

- Mobile | `9489212233`

- IQAC e-mail address | `nietiqac@nehrucolleges.com`

- Alternate Email address | `ecedeepa@gmail.com`

3.Website address (Web link of the AQAR (Previous Academic Year) | https://www.nehrucolleges.org/NAAC/AQAR-2020-21.pdf

4.Whether Academic Calendar prepared during the year? | `Yes`

- if yes, whether it is uploaded in the Institutional website Web link: | http://www.nehrucolleges.org/NAAC/Academic-Calendar-2021-2022.pdf

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
Cycle 2	A+	3.33	2022	02/08/2022	01/08/2027

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
NIET/AERO/Dr.K.Sathish Kumar	Faculty Development Programme	AICTE	2021-2022	93000
NIET/ECE/Dr. V.Jayaraj & Dr.M.A.Rajaa	Research Promotion Scheme	AICTE	2021-2022	1070000

NIET/CSE/Dr. S.Subasree & Dr.N.K.Sakthivel	Workshop/Seminar Grant	SERB	2021-2022, 5 days	50000
NIET/CSE/Dr. D.Sathish Kumar	Seminar Grant	CSIR	2021-2022, 2 days	10000
NIET/CSE/Mr. M.Madan Mohan	Seminar Grant	CSIR	2021-2022, 2 days	10000
NIET/S&H/Dr. P.Periasamy	Seminar Grant	CSIR	2021-2022, 2 Days	25000
NIET/ECE/Mrs. S M Deepa	NewGen IEDC Project	DST	2021-2022, 1 Year	2,50,000
NIET/Aero/M. Kesavan & Dr.P.Maniarasan	NewGen IEDC Project	DST	2021-2022, 1 Year	2,50,000
NIET/S&H/Mrs. S. Jenisha	NewGen IEDC Project	DST	2021-2022, 1 Year	2,50,000
NIET/Aero/J. Karthikeyan & R. Sudarmani	NewGen IEDC Project	DST	2021-2022, 1 Year	2,50,000
NIET/Mechatronics/Dr. M Maheswaran	NewGen IEDC Project	DST	2021-2022, 1 Year	2,50,000
NIET/ECE/Mr. Mohan S	NewGen IEDC Project	DST	2021-2022, 1 Year	2,50,000
NIET/CSE/Dr. N.K.Sakthivel	NewGen IEDC Project	DST	2021-2022, 1 Year	2,50,000
NIET/Aero/Dr. K. Sathish Kumar	NewGen IEDC Project	DST	2021-2022, 1 Year	2,50,000

8.Whether composition of IQAC as per latest NAAC guidelines	Yes

• Upload latest notification of formation of IQAC	View File

9.No. of IQAC meetings held during the year	**4**

• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	**Yes**

• 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**

• If yes, mention the amount	

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

1. Received 3.5 stars MHRD-IIC 2. Received ISO 9001:2015 certificate for Quality management. 3. Received ISO 14001:2015 certificate for Environment 4. Established E-Cell in collaboration with Anna University 5. Certification program for all non-teaching and support staff

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
Institutional Infrastructure:	More number of New books and journals added in library, Purchased Six seater E-Vehicle for green environment.
Learning through Online Platform	Online teaching learning process through LMS platform
To implement outcome based education effectively	Outcome based Education is successfully implemented
To conduct workshops/seminars on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship	15 workshops successfully conducted
Initiating the college to apply and confer awards and ranking in state and national level for every year	1. Bagged 126th rank in India today ranking, 2. P.K.Das Knowledge fort has been recognized and awarded as Best library and bagged 22nd position in India for conducting more number of Programmes in NDLI readers club activity, 3.Applied for AISHE and got certificate Aero, CSE and MECH departments are accredited by NBA , 4. Applied for NIRF and ARIIA
To enroll more number of students in alumni association	800+ Alumni have been enrolled.
Plan to receive funding from UGC, DBT,DST for major and minor projects	Funds received from TNSCST and CSIR Many of the Faculty members have applied for funding from UGC, DST
Plan to conduct funded seminars and workshops	Conducted funded seminars by New Gen IEDC.

13.Whether the AQAR was placed before statutory body?	Yes

- Name of the statutory body

Name	Date of meeting(s)
Governing Council	28/10/2021

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2020-2021	24/02/2022

15.Multidisciplinary / interdisciplinary

Nehru Institute of Engineering and Technology (NIET) have always strived for a multidisciplinary approach in its Academic and Co-Curricular activities. Students are motivated to undergo industrial projects and Internship in the Multidisciplinary/ Interdisciplinary area by formulating teams from different programmes. Students are also encouraged to formulate teams from diverse disciplines to participate in various technical activities like NewGen IEDC Project, TNSCST Project, Smart India Hackathon, Technical Symposium and conference etc.

16.Academic bank of credits (ABC):

Our institute is in the process of developing a system for executing ABC in true spirit. ABC as envisioned in the National Educational Policy-2020 provides a national level facility promoting flexibility of curriculum framework along with other multidisciplinary mobility of students across the Higher Education Institutions in the country with appropriate credit transfer mechanism created through these regulations. The National Academic Bank of Credits (ABC) portal has been integrated into the nad.digitallocker.gov.in platform and is currently in live for the academic year 2021.

17.Skill development:

Skill is a Practiced ability or expertise in a given ability that can be applied in wide range of situations. Basically two types of skills hard skill and soft skill. Hard skills are quantitative in nature, which can be seen in grades and percentage. Soft skills are otherwise called as human skills. Soft skills are exhibited by personal qualities like responsibility, self-esteem, sociability, self-Management and integrity/honesty. Objectives: To strengthen our students' communication skill in accordance to corporate needs. Activities: • Regular communication skill classes for all the students from the day of entrance in to our campus. • Activities like critical thinking, case studies, Brain storming, Decision making, problem solving, effective presentation, versatile writer

and an ability to collaborate and communicate along with sense of responsibility towards personal and society at large. • Regular GD's personality development programs and interview skills for the final year students. • Communication classes for all the levels including various activities. • Engaging and motivating the learners to develop the vocabularies from first year onwards to speak and write in English without mistakes.

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

Our Institution has Tamil, Malayalam and Telugu Literary forum in which we encourage students to share their literary knowledge and culture of their respective languages. We have a mixture of students from Tamil, Malayalam and Telugu speaking Diaspora. Hence the college authorities allow the students to utilize their literary knowledge and culture to spread their love and affection.

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

Nehru Institute of Engineering and Technology (NIET) was accredited by NAAC with A+ grade and Reaccredited by NBA in the year 2022 and at the same implementing OBE for all UG and PG programmes. we Disseminate Program Outcomes (PO), Program Specific Outcomes (PSO), Program Educational outcomes (PEO) and Course Outcomes (CO) in our institutional website and also in the prominent places of all UG and PG departments. Faculty members assess the performance of Students as per OBE attainment Process. The attainment for each course outcome is generally divided into two types: 1. Direct Assessment method 2. Indirect Assessment method The direct assessment is measured from internal assessment and external assessment. The internal assessment for each course is based on the student's knowledge skill and Student's academic performance in continuous internal assessment tests, seminars, classroom, laboratory assignments, semester examinations, etc. This method displays strong evidence for student's learning. The Indirect assessment is measured through course end survey. The process used for setting course attainment benchmark values are •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 in the DAC Meeting. • The set target level is revised in the DAC meeting 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% proportion to direct assessment and 20% proportion to indirect assessment. Direct assessment is based on CO attainment, where proportion is given to

attainment through university exams and internal assessments. Indirect assessment is done through the programme exit survey. Assessment Tools – PO/PSO attainment 1. Direct Mode: Course Attainment 2. Indirect Mode: Programme Exit Survey Frequency of evaluation: At the end of programme completion. The process used for setting POs / PSOs attainment benchmark values: • The target values for POs / PSOs attainment for the entire programme are reviewed and approved by DAC Meeting considering POs / PSOs attainments of previous batches. • The POs / PSOs target level is revised after the attainment of three consecutive batches are achieved.

20.Distance education/online education:
Online education plays a crucial role for past two years in our student's life due to pandemic situations. In online education' learners are adopted to the environment in learning through Google meet and to other platforms in which online education has broken the geographical barriers creating interaction of experts and students from distant geographies. Learners are motivated to interact with the experts which paved the way of adopting both online and regular mode of education. So, this new education policy promotes the blended learning system of learning. On line education strengthen the confidence of the learners and learners adopted to the situations that they could balance both online and off line teaching - learning environment.

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**395**

File Description	Documents
Data Template	[View File](#)

2.Student

2.1 Number of students during the year	**1511**

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

2.2	460
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	263
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic

3.1	153
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.2	153
Number of sanctioned posts during the year	

File Description	Documents
Data Template	View File

4.Institution

4.1	56
Total number of Classrooms and Seminar halls	

4.2	513.31
Total expenditure excluding salary during the year (INR in lakhs)	

4.3	645
Total number of computers on campus for academic purposes	

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 by the institution as per the academic schedule.

Academic Calendar

Institution calendar for the academic semester prepared based on the university calendar.

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. The individual faculty member prepares a course plan. The excellence of the classroom teaching depends on content delivery, interaction, discussion, examples, applications and usage of modern ICT tools.

Instructional methods and pedagogical initiatives

Institution practices outcome-based education while planning and delivering the content. Teaching and Learning methodologies include traditional and technology-enabled methods. Video lecturing is also provided. Faculty members prepare the e-materials for both theory and laboratory manual in Content Management System available in the college website.

Monitoring system for curricular delivery

HODs and IQAC coordinators are regularly monitoring the delivery of curriculum. Academic feedback are collected 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 about grievances.

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, IQAC 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 Internal Assessment Test (IAT) - I, II and III could be viewed by students from the institution website. Continuous internal assessments contribute 20% and end semester university examinations contribute 80% towards the grade point of a subject. The IAT time table is displayed in the department, classroom notice board and social network group before one week from the day of examinations. 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 test and distribute to the students.

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. 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/NAAC/Academic-Calendar-2021-2022.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)

`21`

File Description	Documents
Any additional information	**No File Uploaded**
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

979

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 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, Gender Equity Cell, Women Empowerment cell, Cultural and Nature Club etc.

GENDER EQUITY

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. Students Grievances and Redressal Committee has been established for counselling of students on received grievances. Girls' and boys' hostel are available in campus.

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.

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.

PROFESSIONAL ETHICS

Institute has equal importance about professional ethics along with academics. The students of different branches in Engineering and Management study Professional Ethics that address right and wrong or good and evil.

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

182

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

798

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/aqar/1.4.2-2021-22.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/1.4.2-2021-22.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

583

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

460

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

Our Institution admits students through Affiliated University counselling and Admission based on Merit list prepared by Consortium of Self Financing Engineering Colleges. Therefore, the admitted students represent a combination of bright students and average students.

Library facility is available to all students and the learners of all categories are permitted to borrow the books from the library for effective preparation and to collect extra references for the content presentation in the Examination. Parents are invited in the middle of semester to interact with concerned Class advisors/ mentor and course handling faculty members to discuss the progress of their wards.

The mentor, herewith called Class advisor has to maintain a Students' Record. This is to help and to identify the slow learners and 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 to identify the factors affecting the student's performance, to analyze them with respect to the institutional framework and to provide a proper solution for improving their performance and to build a successful career after thorough identification and analysis of the students.

File Description	Documents
Paste link for additional information	http://www.nehrucolleges.org/best-practices.html
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
1511	153

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

Our institute encouraged the learners to get practiced in an interactive way through virtual learning even during the pandemic time and issued materials which posted in the Learning Management Systemand at the same time the slow learners were focused and special care were 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 online mode.

Throughout the experiential learning process, the learner is actively engaged in posing questions, investigating, experimenting, being curious in solving problems and being creative.

Our Institution consists of various club activities like Nature club, Energy club, Rotract club, Photography club, Science club etc., to exhibit their individual and teamwork in communicating the needs and responsibilities which are quite needed to deal the society in an ethical manner.

Nehru Corporate Placements and Industrial Relations (NCP & IR) ensures the students are 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.

Our academic time table inculcates technical seminar hours to enrich students' in presenting the concepts which would train them to get confidence to solve the problem-solving skills.

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. At the end of the course, the average students 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 slow learners to be more active in learning the course. The current generation students are smart minded learners so the teaching may be modified to their satisfaction. In this, the usage of ICT tools would facilitate the learners to be an active participation with the teachers in the class room environment.

Our Institute facilitates relevant Information and Communication Technology tools for effective teaching and learning. The Information and Communication Technology (ICT) tools are the latest technology used among students. ICT facilitated classrooms such as LCD projectors with Wi-Fi facilities are provided to enable the students to visualize the concepts being taught.

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

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	[View File](#)

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

153

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

153

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

50

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

5

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.

The Institute is affiliated to Anna University, Chennai and follows the Examination pattern of the university. Anna University guidelines are strictly followed for evaluation process. There are three internal tests conducted. The schedule of internal assessments is communicated to students and faculty in the beginning of the semester itself through institute academic calendar which is prepared, based on the university academic calendar.

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

- Schedule, Seating arrangements and hall invigilators listed for every examination.
- Preparing the question paper for the internal examination in the prescribed pattern based on revised Blooms 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**
- **Result review meetings are conducted with result analysis**
- **Uploaded marks in university web portal subsequently communicated to parents**

File Description	Documents
Any additional information	[View File](#)
Link for additional information	**Nil**

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

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

At the Institute level, an examination committee, comprising of a senior faculty member represented as a convener and other faculty members will also act as a member which is constituted to handle the issues regarding the evaluation process. If any discrepancy like change in the question paper, mark allocation, correction in answer scripts is noticed by the students then the concerned teacher will resolve the discrepancy, and the same necessary corrections will be made on time. If a student is not satisfied with the marks awarded, even after resolved by the teacher, then he/she may represent the same to the HOD concerned. Students are counseled by the faculty mentor, and remedial classes are conducted for them who happen to fail in the examinations.

The Internal assessment marks are entered in the University web portal by the respective subject faculty so that students could individually view their marks in the University portal through students log in.

At University level, Students can bring their grievances by applying for the Re-evaluation and Challenge Re-evaluation.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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.

The institute has formulated Vision and Mission statements and in correlation with this, each department formulated its own vision and mission statements that have been approved by the Department Advisory Committee(DAC). The department formulates the Programme Educational Objectives (PEOs) and Program Specific Outcomes (PSOs). The course outcomes (COs) are mapped with programme outcomes (POs) and PSOs for all the courses in the curriculum. The PEOs, PSOs, POs and COs Statements are published in the Institute Website and communicated to Various Stakeholder.

The respective subject faculty expatiate the COs to the learners. The objectives and outcomes of each topic are expatiated to the learners for the betterment and to create the confidence among the learners to take up the university Examination.

The Graduate Attributes of Engineering Program defined by Washington accord is adopted without alteration as POs. Articulation of PSOs and identification of the knowledge/Skill/Attitude Level were done through sequence of meetings based on the suggestions from stakeholders.

Articulation of COs based on revised bloom's taxonomy and identification of the Knowledge/ Skill/Attitude Level were framed by course handling faculty with the suggestion of course coordinator. COs are mapped with POs/PSOs by course handling faculty with the suggestions of the course coordinator.

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

The attainment for each course outcome is generally divided into two types:

1. Direct Assessment method
2. Indirect Assessment method

The direct assessment is measured from internal assessment and external assessment.

The internal assessment for each course is based on:

This assessment method evaluates the student's knowledge and skills. It is based on student's academic performance in continuous internal assessment tests, seminars, classroom and laboratory assignments, semester examinations, etc. This method displays strong evidence of student's learning.

Indirect assessment is measured through course end survey.

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 programme exit survey.

Assessment Tools - PO/PSO attainment

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

Frequency of evaluation: At the end of programme completion.

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

246

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-report.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)

12.88

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

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

07

File Description	Documents
Any additional information	<u>View File</u>
Institutional data in prescribed format	<u>View File</u>

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

4

File Description	Documents
List of research projects and funding details (Data Template)	<u>View File</u>
Any additional information	<u>View File</u>
Supporting document from Funding Agency	<u>View File</u>
Paste link to funding agency website	<u>Nil</u>

3.2 - Innovation Ecosystem

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

CISCO Networking and Security Laboratory: The objective is to provide industry based training in Networking and Security, Firewall

Installation for the students.

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

Knowledge Corner: Apart from the curriculum, this center helps to promote the student's knowledge in special topics at seminar hall on every Friday.

I Cube: I cube is an integrated display hall of best projects done by the students.

TEXAS Instruments Laboratory: The TI University Program is the intersection between TI technology, educators and the engineers of tomorrow.

New Generation and Innovation Entrepreneurship Development Centre: It 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: In the Laboratory, students can carry out design, fabricate and fly models

P.K Das Energy Park: The objective is to increase the contribution of non- conventional energy sources in the energy balance

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.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://nehrucolleges.org/NAAC/Innovation%20 ecosystem.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

22

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	No File Uploaded

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

72

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

63

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

During the academic year 2021-2022, the following initiatives were carried out through the National Service Scheme, YRC, RRC, and Rotaract clubs:

- Every year we celebrate our national days like Republic Day and Independence Day for remembrance of our freedom fighters.
- NSS volunteers held a blood drive on our campus and interested students denoted their blood to Shanthi Social Service in Coimbatore for saving many patients' lives, as well as the lives of individuals who have been in accidents or are undergoing surgery.
- To emphasize the significance of road safety, the NSS team has conducted a defensive driving and road safety awareness program.
- From the beginning of the year 2010, food is being provided at free of cost to the Thirumalayampalayam village peoples in every day morning afternoon and night in the name of AMUDHA SURABI.
- National Service Schemeorganized awareness among first year studentregarding the consequences ofde-addiction and a motivation towards goal setting
- NSS students have carried out Tree plantation in the Institution premises in every year on important days.

NSS student has participated in introduction to Yoga and its awareness program. The Yoga Trainer demonstrated various 'asanas' and highlighted their benefits to human life.

File Description	Documents
Paste link for additional information	http://www.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

11

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

1661

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

48

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

12

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.

Our institution provides the right environment for learning which is located at Thirumalayampalayam, Coimbatore with the area of 10.56 acres. It is pollution free and green environmental Campus. CLASS ROOMS: Our Institution has well planned infrastructure, comprising of 48 ICT enabled class rooms, 4 Smart class rooms, 2 drawing halls, 4 seminar halls and board room. Each Class room has good spacing capacity with adequate ventilation. It is equipped with enough physical and Academic facilities. The seminar halls are equipped with LCD projector, computer with internet connectivity and public address system.

LABORATORIES AND COMPUTING EQUIPMENTS: Our Institution has 36 Laboratories with required equipment and required software for all the departments. All the laboratories are equipped with safety measures like fire extinguishers, first aid box etc. Electric power supply is primary source and UPS & gensets are Stand-by source for laboratories. Our Institution has 745 computers with internet facility. All the computing Laboratories are equipped with printers.

Our Institution has various Centre of Excellence like Aero modeling and UAV, P.K.Das Energy Park, IoT Laboratory, Texas Instruments laboratory, CAD and Robotics and Automation Laboratory

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.nehrucolleges.org/gallery-facilities.html

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

Physical facility for sports and Games:

The institution has 10,000 Sq.m playing area. Also, the institution has indoor sports complex.Every year various sports events are conducted in the sports day. The Institution encourages our students to participate in Sports & Games conducted in other Colleges from various Districts /State level/National level.

Outdoor games: The following outdoor grounds are established in the year 2006 1. Football ground 2. Volley ball ground 3. Kabaddi ground 4. Kho-kho ground 5. Ball badminton ground 6. Basket ball ground The user rate is more than 110 students per day

Indoor games: 1.Chess – 4 Nos 2.Badminton -2 courts 3.Carrom -2 Nos 4.Table Tennis -1 court The user rate is more than 20 students per day Physical facilities for gym and yoga: Institution has Gym for both boys and girls with facilities such as Treadmill machine, Abdominal, High pulley, low pulley, sitting twister, standing twister, Bench press, Height plate, Stomach belt etc., Gym has total area of 675sq.m. The institution has Spacious Yoga Hall of 420 sq.m., that provides regular training for staffs and students.

The institution has well equiped 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	http://www.nehrucolleges.org/gallery-facilities.html
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)

55.43

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 was established in the year 2006. Our Central Library in the name of PK Das Knowledge Fort which covers an area of 30,000 sq.ft. The library has developed with collection of books and Journals in Science, Engineering, Technology, Humanities and Management. It maintains separate collections of reference books, back volumes of journals 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 which is available on the campus LAN. The total collection of library volumes is 28854, National Journals, International Journals and Magazine.

Name of ILMS software Auto Lib Nature of automation (fully or partially) Fully Version Autolib, Version – 5.0 Year of Automation 2006 Our Institute is being a member of National Digital Library of India provides additional resources to the students. The NDLI Club has been awarded as one of the best performing and outstanding contribution in conducting 22 NDLI Club activities since 8th January 2019.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	https://sites.google.com/view/pkdasknowledge fort?pli=1

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)

13.10

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

17.5

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

Following are the strategies for deploying and upgrading IT infrastructure and associated facility in our institution. The college is facilitated with 745 computers that are accessible to the students and the staff members for academic, research and online examinations.

The entire campus is monitored by CCTV facility. The CCTVs are installed in the college campus at Ramanujan Block, Dr A.P.J Abdulkalam Block, library etc. which assist to monitor the campus activities. Software is purchased and license is renewed as per norms. Internet Bandwidth connectivity is upgraded based on the requirements. The institution provides the use of free and open-source software as per guidelines of AICTE and an affiliated University, without violating licensing agreement. Wi-Fi connectivity is provided for the entire campus. Hardware firewall and Antivirus software are purchased and installed for all the computing equipments to fulfill the safety norms as per the requirement. The institute IT assets such as website, E-Resources (DELNET, N-LIST Science Direct, NDLI and CMS) and Campus automation system (ICAMPUZ) are protected against vulnerability and threat with support of antivirus software. IT facilities have been updated and upgraded on regular basis and also new IT equipment have been purchased as per the requirements.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

4.3.2 - Number of Computers

645

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

288.18

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.

Procedure for Maintaining and utilizingthe physical facilities: Maintenance of the Building: Our Institution has a maintenance team that carries out the maintenance activities of buildings,classrooms, seminar halls and laboratories. Maintenance of Laboratories: All the

Laboratories are maintained periodically on regularbasis, those reports are maintained by laboratory Technicians.

Library Maintenance: The Librarian is responsible for the maintenance of the library books, journals, periodicals, furniture, electronic equipment, computers, and software, with the help of a team for library Maintenance.

Computer Maintenance: The Centralized Computer Centre (CCC) is in charge of all IT infrastructure maintenance and all Computing equipment maintenance.

Procedure for Maintaining and utilizing the supporting Facilities: Sports Equipments maintenance: The director of Physical Education periodically checks the sports equipment and request for service through the administrative officer and principal.

GENSET, UPS, and Water Doctor maintenance :

Maintenance of GENSET and UPS is supervised by a separate technician team of AMC,they perform regular maintenance for GENSET and UPS, records are also maintained. Our Institution has a water doctor on each floor of all the buildings which are serviced and maintained regularly by Crossfields waterpurifiers private limited.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

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

571

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

0

File Description	Documents
Upload any additional information	No File Uploaded
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://nehrucolleges.org/aqar/5.1.3-2021-22.pdf
Any additional information	No File Uploaded
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

175

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

175

File Description	Documents
Any additional information	View File
Number of students benefited 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	No File Uploaded

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

175

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

19

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

9

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.

34

File Description	Documents
e-copies of award letters and certificates	<u>View File</u>
Any additional information	**No File Uploaded**
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<u>View File</u>

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)

The college has an overall Student council. Each department suggests a Student based on academic performances, who will be constituted (as office bearers). The Student council involves in the following activities:

1. **Organizing College day and Avatar (National level intercollegiate and intracollegiate meet) functions every year 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 Vision, Mission, 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 functions like Celebrations of Independence Day, Republic Day and festivals.**
5. **Communicating between management and students to solve the general issues.**
6. **Extending their support to Principal office/Department.**
7. **Giving suggestions to the Principal/HoD for the smooth functioning of the events like college day, Graduation day,**

Symposiums etc.,

8. Students have representations in the Transportation Committee. Buses operate to various regions of Tamil nadu and Kerala.
9. Student council members aid other students by suggesting their grievances through grievance and redressal cell.
10. Girl students have representation in the Gender Equity Cell and Women Empowerment Cell of the college.

File Description	Documents
Paste link for additional information	**Nil**
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

134

File Description	Documents
Report of the event	[View File](#)
Upload any additional information	**No File Uploaded**
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

The college has an alumni association the name of alumni connect whose meeting is mostly organized in the college campus itself every year or sometimes off campus at hotel of major cities. The alumni meetings discuss the 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 for the betterment of the junior students. 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 to the institution to deliver talks on career guidance and seminars to motivate the young minds. Successful entrepreneurs from alumni are invited to talk about their success stories. The alumni help the junior students to get opportunities to undergo industrial visit or internship in their organizations or to assist them for getting placement in their organization.

File Description	Documents
Paste link for additional information	Nil
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	View File

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

The organization Vision and Mission are framed from the valuable inputs of all the stakeholders viz. management, faculty, students, parents, alumni, employers and the industry MoU partners. The institution is built on the core values of the ethics.

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**

Nehru Institute of Engineering and Technology (NIET) established in the year of 2006 by Nehru College of Educational and Charitable Trust, Kuniyamuthur, Coimbatore, with the primary objective of providing quality engineering education.

File Description	Documents
Paste link for additional information	http://www.nehrucolleges.org/aqar/6.1.1%20A-22.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.

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 order to facilitate the decision-making related to academic and administrative activities faster and to ensure complete transparency, various decentralization strategies have been practiced. Financial powers are delegated to the principal, Heads of Departments and relevant in- Charges. All committees are working

effectively for the regular functioning of the institute. This administrative mechanism imparts participative management functions. Now the NIET campus is using CONTENT MANAGEMENT SYSTEM software whose main objective is to create and manage digital content.

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.

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 state-wide economic and workforce development as social commitment which is required for less privileged learning community.

The institution has a strategic plan in tune with the vision and mission of the college. Strategic plan is developed on considering the inputs from various quarters. The following laboratories have been setup under Industry-Institution collaboration that is perceived from the strategic plan of the institution.

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.

The Mechanism of providing right direction to programs is derived through Vision and Mission institution. At the Institution level annual performance appraisal, collection of informal feedback from students for improvement process, review of grievances and suggestions by monitoring the corrective measures for implementation are regularly followed.

The 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.

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, 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.

Advertisements are given through media and the all the appointments are made as per rules and regulations.

These service rules are implemented and the service rule book called "Service Book" which comprises are clearly mentioned.

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.

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

39

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

27

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

79

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 Performance Appraisal of the faculty is carried out with credit points to be considered for performance appraisal. In the prescribed Self-Appraisal format, the following items will appear which will give an overall picture of contributions made by an individual faculty. The duly filled Self-appraisal form is received from each faculty at the end of every semester. 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 decisions and at the same time, it offers an opportunity for evaluation and discussion of employee weaknesses and strengths.

Periodically appraisal interviews are conducted to evaluate 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 Charted Account at the end of every financial year; thereby the statutory external auditing norms are followed by the Institution.

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

The funds are mobilized by the Institute through fees paid by the students who are admitted as per regulations laid 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.

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 plays a crucial role with its initiatives in academic and administrative domains. IQAC ensures quality standards in teaching and learning process, evaluation system and other related activities to develop a quality system for conscious, consistent improvement in the academic and administrative performance of the institution. IQAC strives hard for upgrading the college infrastructure and all support facilities to meet the standards of higher education and growing need of students. It assesses and suggests the parameters of quality education. IQAC meets every quarterly to plan, direct, implement and evaluate the teaching, research, and publication activities in the College. The sub-committees dealing with various activities spread quality culture through quality enhancement initiatives and best practices. Significant improvements in quality have been made by institutionalizing the following IQAC initiatives:

Strategic planning of key areas include:

1. Curricular planning and implementation
2. Teaching- Learning through ICT
3. Student technical training
4. Student soft skills development
5. Faculty development programs
6. Research and development
7. Interaction with industry
8. NBA accreditation

Monitoring and mentoring of academic and administrative activities. Academic inspections are carried out periodically to assess the quality of academics

File Description	Documents
Paste link for additional information	https://nehrucolleges.org/about-iqac.html
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

IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process.

The Academic Calendar is prepared in advance, displayed and circulated in the Institute. The Institution is presided and administrated with the objective of moulding true citizens. The Governing Council is chaired by the Management, with the Principal, academicians and Industrial experts as council members. The Governing Council sets well defined goals to reach the required outcome and presents the agenda, milestones, achievements and challenges. The Governing Council suggestions are adopted into the system for the continuous growth and sustained development. These suggestions are implemented at all stages through various decision-making bodies like Department Advisory Committee (DAC) and Internal Quality Assurance Cell (IQAC) that address the academic and non-academic issues to meet the vision of the institution.

Class Committee meetings are conducted thrice a semester before every internal assessment Test. The meeting is chaired by the Senior Faculty and team of student representatives attends the meeting along with subject handling faculty members. Feedback on the teaching-learning process, syllabus coverage, pedagogy practices and efficacy of teaching-learning process arediscussed. Based on the feedback obtained in the class committee meeting, necessary remedial actions are taken.

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

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)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://nehrucolleges.org/NAAC/Annual%20Report%202021-2022.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
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 entails treating everyone equally and resolving gender disparities that, depending on a person's gender, restrict their access to possibilities for improved health, education, and economic opportunity. The fundamental goal of Gender Equity is to "establish a safe campus for everyone without any fear, threat, or worry."

A female lawyer and one external member from the police department are also included in the cell's membership, which is made up of faculty members from all the departments. It guarantees that opportunities are not restricted based on gender. This cell's email

address is nietgec@nehrucolleges.com.

The Cell has arranged a number of programs, awareness workshops this academic year, like Women's Day celebration, First Aid Management, Menstrual Cycle Awareness, Causes and Effects of Cancer in Light of World Cancer Day. Students learn about sexual harassment in general, how to prevent it. The resource persons were invited from various institutions and organizations like from police department, doctors from hospitals and professors from medical institutions.

The institution also provides a wide range of additional services. CCTV cameras in the premises. Security personnel continuously monitor the college and hostel areas for students' safety and security, common areas withfurniture and publications. The student adoption system is carefully looked at by each department. The college is served by a dispensary that has a doctor and a nurse. The girl's hostel also has a separate dispensary.

File Description	Documents
Annual gender sensitization action plan	https://www.nehrucolleges.org/aqar/C.7.1.1%20A-22.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	https://www.nehrucolleges.org/aqar/C.7.1.1%20B-22.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

Degradable waste management

Our institution takes the necessary daily precautions to dispose of solid waste by means of bio septic tank. The composite pit uses compost from the trees and plants to create fertilizer. In the biogas plant, the vegetable wastes from the mess and canteen are combined and treated. Waste produced by the various offices, departments, etc. is promptly collected and sent to the auxiliary suppliers.

The campus has a well-built drainage system with closed compilation tanks as its design. By using a sprinkler watering system, the campus's grass, saplings, and trees are effectively watered with waste water from the toilets and kitchens.

Non – Degradable waste management

Our college's dispensary runs effectively for the benefit and health of the students. Only fibre gauze, which is disposed of alongside biodegradable waste, makes up the majority of the dispensary's biomedical wastes.

Lab electronic waste is carefully collected and delivered to the outside recycling agent. In order to avoid using dangerous chemicals and radioactive materials, the chemistry lab only employs diluted acids.

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   5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen   reading

A. Any 4 or all of the above

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).

Through our NSS house we had conducted Independence Day, Republic Day, Save soil movement, Yoga Programme, Road safety Programmes, Goal setting and consequences of addiction in favor of students and faculty members. Organized blood donation camps in association with Shanthi social service.For the needy old aged people 'AmudhaSurabhi'

provides three meals a day.

Our Institution had donated necessary materials like face mask, oxymeter and sanitizers etc., to Primary health Centre as a communal social economic diversity.

The Rotaract club of our Institution has actively participated and conducted many events like Awareness Averting Prevention, Benefits of balance diet, Awareness on Menstrual hygiene as a communal social economic diversity. The college has NOBLE training centre for the faculty and students. The students from other colleges and school do visit and get benefited by the training program given for two days with staying facilities. The faculties of our institution had been given NOBLE training.

In addition to these, The institution maintains ornamental gardens in and around the campus, it also plants more trees, and it developed a "VANAM" with many berry trees and medicinal trees, which is a forest, to make the school eco-friendly. The institution hosts Onam, Pongal, Ayudha Pooja, Christmas celebrations, College Day, and Avatar, an interdisciplinary programme, to promote cultural and regional peace.

Our institution along with EDUDHARMA (a social welfare community) conducted awareness to help students who need financial assistance to continue their studies.

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 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 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 institution organizes appropriate activities to increase consciousness about national identities and symbols, Fundamental Duties and Rights of Indian citizens. The NSS/YRC/RRC club students participated in Save soil movement, Road safety Programmes, Goal setting and consequences of addiction The college organizes blood donation camp every year.

In order to honour 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.

Apart from these college organized various programs for the awareness of cleanliness among the resident in the nearby villages.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	http://www.nehrucolleges.org/aqar/C.7.1.9%20(A)-22.pdf
Any other relevant information	http://www.nehrucolleges.org/aqar/C.7.1.9%20(B)-22.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 republic day was observed on January 26, 2022. On August 15, 2022, we observed Independence Day. To mark the occasion, NSS, YRC/RRC, and Rotaract club arranged "Veterans India Patriotic Run" in collaboration with our physical education department.

In honour of International Yoga Day, we held yoga classes for the students on March 29 and 30, 2022, to raise awareness of the value of yoga. On April 23, 2022, World Book Day was observed to promote the value of reading.

On October 6, 2021, the Air Force Day was observed to inspire engineering students. On February 28, 2022, "National Science Day" was observed to honour discovery of the Raman Effect. Oral paper presentations, digital poster creation, essay writing, and quiz competitions, were held for the benefit of the students. In honour of the renowned mathematician Ramanujan, Pi Day was enthusiastically observed on March 15, 2022. On Sir. Moksha undam Vishweshvaraya birthday, September 15, 2021, "Engineer's Day" was observed.

National Festivals

On 12 January 2022, Pongal was enthusiastically observed on campus. On this special day, numerous activities take place. Onam, the festival, was observed on August 24, 2021, in the college with tremendous fervour and numerous activities were held that day.

On December 24, 2021, we started a tradition of celebrating Christmas. On campus, the Ayudha puja is lavishly observed. Each department, the labs, and the college library perform Poojas.

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

7.2 - Best Practices

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

1.Title of the Practice: Student Council 2.Objective of the Practice:

A democratically chosen group of students from each department makes up a student council. Each student council member has a specific responsibility within the organization, and the group members collaborate to plan events, face issues, find solutions, and develop leadership abilities.

3.The Context:

•Learn time management and planning techniques to boost your self-esteem and academic achievement.

4. The Practice:

• The objective is to make fast learners and the creamy layer of the students face problems in terms of overall performance.

5.Evidence of Success:

The percentage of students' involvement in curricular and co-curricular activities increased with the motivation from peer group.

6.Problems Encountered and Resources Required:

- **It was tackled by providing special support both in academics and other activities, now this is one of the successful practices**

1.Title of the Practice: Nehru Corporate Placements and Industry Relations 2.Objective of the Practice:

- **A bridging partner in continuous engagement of industry and institution.**
- **Identify and bring in international linkages at multiple levels of engagement such as education, training and placements.**

3.The Context:

- **NCP&IR continuously interacts with the corporate and students for their final placements.**
- **It also initiates corporate consultancy with industry and academics.**

5. Evidence of Success:

Students are exposed to industrial expectations to focus on the real time skill set.

6. Problems Encountered and resources required:

Interface with leading industries is a mighty task.

File Description	Documents
Best practices in the Institutional website	http://nehrucolleges.org/best-practices.html
Any other relevant information	http://www.nehrucolleges.org/aqar/C.7.2.1-22.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

OBJECTIVE

To implement online learning strategy, we used all possible modes with the infrastructure that exists in our campus. The output of this strategy was CMS PORTAL.

where students can access our faculty's lecture notes, question papers and faculty videos using their gadgets anywhere.

DIGITLA COURSE FILE

Our campus came with new innovative idea "DIGITLA COURSE FILE" in this module each faculty can upload their course contents using GOOGLE form and also have provided updating features so that they can keep the digital course content dynamic.

USE OF QR CODES IN LABS AND LAB MANUAL

Students can watch the laboratory experiments videos using QR codes located on the equipment itself.

Videos of experiments embedded in QR codes may draw student's interest concerning topics that they have difficulty in understanding and have misconceptions about it.

USE OF QR CODES IN CORRIDORS AND CLASS ROOMS

Faculties can produce materials online and share their work with QR code. QR code can be pasted on class notice boards which may connect the student to related video, web page or other sources of information which will help them to enhance their knowledge about specific topic.

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 by the institution as per the academic schedule.

Academic Calendar

Institution calendar for the academic semester prepared based on the university calendar.

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. The individual faculty member prepares a course plan. The excellence of the classroom teaching depends on content delivery, interaction, discussion, examples, applications and usage of modern ICT tools.

Instructional methods and pedagogical initiatives

Institution practices outcome-based education while planning and delivering the content. Teaching and Learning methodologies include traditional and technology-enabled methods. Video lecturing is also provided. Faculty members prepare the e-materials for both theory and laboratory manual in Content Management System available in the college website.

Monitoring system for curricular delivery

HODs and IQAC coordinators are regularly monitoring the delivery of curriculum. Academic feedback are collected 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 about grievances.

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, IQAC 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 Internal Assessment Test (IAT) - I, II and III could be viewed by students from the institution website. Continuous internal assessments contribute 20% and end semester university examinations contribute 80% towards the grade point of a subject. The IAT time table is displayed in the department, classroom notice board and social network group before one week from the day of examinations. 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 test and distribute to the students.

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. 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/NAAC/Academic-Calendar-2021-2022.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum	**A. All of the above**

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)

`21`

File Description	Documents
Any additional information	**No File Uploaded**
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

979

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 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, Gender Equity Cell, Women Empowerment cell, Cultural and Nature Club etc.

GENDER EQUITY

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. Students Grievances and Redressal Committee has been established for counselling of students on received grievances. Girls' and boys' hostel are available in campus.

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.

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.

PROFESSIONAL ETHICS

Institute has equal importance about professional ethics along with academics. The students of different branches in Engineering and Management study Professional Ethics that address right and wrong or good and evil.

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

182

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

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798
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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/aqar/1.4.2-2021-22.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/1.4.2-2021-22.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

583

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

460

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

Our Institution admits students through Affiliated University counselling and Admission based on Merit list prepared by Consortium of Self Financing Engineering Colleges. Therefore, the admitted students represent a combination of bright students and average students.

Library facility is available to all students and the learners of all categories are permitted to borrow the books from the library for effective preparation and to collect extra references for the content presentation in the Examination. Parents are invited in the middle of semester to interact with concerned Class advisors/ mentor and course handling faculty members to discuss the progress of their wards.

The mentor, herewith called Class advisor has to maintain a Students' Record. This is to help and to identify the slow learners and 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 to identify the factors affecting the student's performance, to analyze them with respect to the institutional framework and to provide a proper solution for improving their performance and to build a successful career after thorough identification and analysis of the students.

File Description	Documents
Paste link for additional information	http://www.nehrucolleges.org/best-practices.html
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
1511	153

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

Our institute encouraged the learners to get practiced in an interactive way through virtual learning even during the pandemic time and issued materials which posted in the Learning Management Systemand at the same time the slow learners were focused and special care were 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 online mode.

Throughout the experiential learning process, the learner is actively engaged in posing questions, investigating, experimenting, being curious in solving problems and being creative.

Our Institution consists of various club activities like Nature club, Energy club, Rotract club, Photography club, Science club etc., to exhibit their individual and teamwork in communicating

the needs and responsibilities which are quite needed to deal the society in an ethical manner.

Nehru Corporate Placements and Industrial Relations (NCP & IR) ensures the students are 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.

Our academic time table inculcates technical seminar hours to enrich students' in presenting the concepts which would train them to get confidence to solve the problem-solving skills.

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. At the end of the course, the average students 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 slow learners to be more active in learning the course. The current generation students are smart minded learners so the teaching may be modified to their satisfaction. In this, the usage of ICT tools would facilitate the learners to be an active participation with the teachers in the class room environment.

Our Institute facilitates relevant Information and Communication Technology tools for effective teaching and learning. The Information and Communication Technology (ICT) tools are the latest technology used among students. ICT facilitated classrooms such as LCD projectors with Wi-Fi facilities are provided to enable the students to visualize the concepts being taught.

Our institute builds a bridge between students and technology

through Content Management System (CMS) by providing resources and materials for various courses.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

153

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

153

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

`50`

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

`5`

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.

The Institute is affiliated to Anna University, Chennai and follows the Examination pattern of the university. Anna University guidelines are strictly followed for evaluation process. There are three internal tests conducted. The schedule of internal assessments is communicated to students and faculty in the beginning of the semester itself through institute academic calendar which is prepared, based on the university academic calendar.

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

effectively conducting CIE:

- Schedule, Seating arrangements and hall invigilators listed for every examination.
- Preparing the question paper for the internal examination in the prescribed pattern based on revised Blooms 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
- Result review meetings are conducted with result analysis
- Uploaded marks in university web portal subsequently communicated to parents

File Description	Documents
Any additional information	[View File](#)
Link for additional information	Nil

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

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

At the Institute level, an examination committee, comprising of a senior faculty member represented as a convener and other faculty members will also act as a member which is constituted to handle the issues regarding the evaluation process. If any discrepancy like change in the question paper, mark allocation, correction in answer scripts is noticed by the students then the concerned teacher will resolve the discrepancy, and the same necessary corrections will be made on time. If a student is not satisfied with the marks awarded, even after resolved by the teacher, then he/she may represent the same to the HOD concerned. Students are counseled by the faculty mentor, and remedial classes are conducted for them who happen to fail in the examinations.

The Internal assessment marks are entered in the University web portal by the respective subject faculty so that students could individually view their marks in the University portal through

students log in.

At University level, Students can bring their grievances by applying for the Re-evaluation and Challenge Re-evaluation.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	**Nil**

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.

The institute has formulated Vision and Mission statements and in correlation with this, each department formulated its own vision and mission statements that have been approved by the Department Advisory Committee(DAC). The department formulates the Programme Educational Objectives (PEOs) and Program Specific Outcomes (PSOs). The course outcomes (COs) are mapped with programme outcomes (POs) and PSOs for all the courses in the curriculum. The PEOs, PSOs, POs and COs Statements are published in the Institute Website and communicated to Various Stakeholder.

The respective subject faculty expatiate the COs to the learners. The objectives and outcomes of each topic are expatiated to the learners for the betterment and to create the confidence among the learners to take up the university Examination.

The Graduate Attributes of Engineering Program defined by Washington accord is adopted without alteration as POs. Articulation of PSOs and identification of the knowledge/Skill/Attitude Level were done through sequence of meetings based on the suggestions from stakeholders.

Articulation of COs based on revised bloom's taxonomy and identification of the Knowledge/ Skill/Attitude Level were framed by course handling faculty with the suggestion of course coordinator. COs are mapped with POs/PSOs by course handling faculty with the suggestions of the course coordinator.

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

The attainment for each course outcome is generally divided into two types:

1. Direct Assessment method
2. Indirect Assessment method

The direct assessment is measured from internal assessment and external assessment.

The internal assessment for each course is based on:

This assessment method evaluates the student's knowledge and skills. It is based on student's academic performance in continuous internal assessment tests, seminars, classroom and laboratory assignments, semester examinations, etc. This method displays strong evidence of student's learning.

Indirect assessment is measured through course end survey.

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 programme exit survey.

Assessment Tools – PO/PSO attainment

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

Frequency of evaluation: At the end of programme completion.

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

246

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-report.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)

12.88

File Description	Documents
Any additional information	**No File Uploaded**
e-copies of the grant award letters for sponsored research projects /endowments	View File
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

07

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

4

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
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

CISCO Networking and Security Laboratory: The objective is to provide industry based training in Networking and Security, Firewall Installation for the students.

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

Knowledge Corner: Apart from the curriculum, this center helps to promote the student's knowledge in special topics at seminar hall on every Friday.

I Cube: I cube is an integrated display hall of best projects done by the students.

TEXAS Instruments Laboratory: The TI University Program is the intersection between TI technology, educators and the engineers of tomorrow.

New Generation and Innovation Entrepreneurship Development Centre: It 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: In the Laboratory, students can carry out design, fabricate and fly models

P.K Das Energy Park: The objective is to increase the contribution of non- conventional energy sources in the energy balance

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.

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

22

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	No File Uploaded

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

72

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

63

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

During the academic year 2021-2022, the following initiatives were carried out through the National Service Scheme, YRC, RRC, and Rotaract clubs:

- **Every year we celebrate our national days like Republic Day and Independence Day for remembrance of our freedom fighters.**
- **NSS volunteers held a blood drive on our campus and interested students denoted their blood to Shanthi Social Service in Coimbatore for saving many patients' lives, as well as the lives of individuals who have been in accidents or are undergoing surgery.**
- **To emphasize the significance of road safety, the NSS team has conducted a defensive driving and road safety awareness program.**
- **From the beginning of the year 2010, food is being provided at free of cost to the Thirumalayampalayam village peoples in every day morning afternoon and night in the name of AMUDHA SURABI.**

- **National Service Schemeorganized awareness among first year studentregarding the consequences ofde-addiction and a motivation towards goal setting**
- **NSS students have carried out Tree plantation in the Institution premises in every year on important days.**

NSS student has participated in introduction to Yoga and its awareness program. The Yoga Trainer demonstrated various 'asanas' and highlighted their benefits to human life.

File Description	Documents
Paste link for additional information	http://www.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

11

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

1661

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

48

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

12

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.

Our institution provides the right environment for learning which is located at Thirumalayampalayam, Coimbatore with the area of 10.56 acres. It is pollution free and green environmental Campus. CLASS ROOMS: Our Institution has well planned infrastructure, comprising of 48 ICT enabled class rooms, 4 Smart class rooms, 2 drawing halls, 4 seminar halls and board room. Each Class room has good spacing capacity with adequate ventilation. It is equipped with enough physical and Academic facilities. The seminar halls are equipped with LCD projector, computer with internet connectivity and public address system.

LABORATORIES AND COMPUTING EQUIPMENTS: Our Institution has 36 Laboratories with required equipment and required software for all the departments. All the laboratories are equipped with safety measures like fire extinguishers, first aid box etc. Electric power supply is primary source and UPS & gensets are Stand-by source for laboratories. Our Institution has 745 computers with internet facility. All the computing Laboratories are equipped with printers.

Our Institution has various Centre of Excellence like Aero modeling and UAV, P.K.Das Energy Park, IoT Laboratory, Texas Instruments laboratory, CAD and Robotics and Automation

Laboratory

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://www.nehrucolleges.org/gallery-facilities.html

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

Physical facility for sports and Games:

The institution has 10,000 Sq.m playing area. Also, the institution has indoor sports complex.Every year various sports events are conducted in the sports day. The Institution encourages our students to participate in Sports & Games conducted in other Colleges from various Districts /State level/National level.

Outdoor games: The following outdoor grounds are established in the year 2006 1. Football ground 2. Volley ball ground 3. Kabaddi ground 4. Kho-kho ground 5. Ball badminton ground 6. Basket ball ground The user rate is more than 110 students per day

Indoor games: 1.Chess – 4 Nos 2.Badminton -2 courts 3.Carrom -2 Nos 4.Table Tennis -1 court The user rate is more than 20 students per day Physical facilities for gym and yoga: Institution has Gym for both boys and girls with facilities such as Treadmill machine, Abdominal, High pulley, low pulley, sitting twister, standing twister, Bench press, Height plate, Stomach belt etc., Gym has total area of 675sq.m. The institution has Spacious Yoga Hall of 420 sq.m., that provides regular training for staffs and students.

The institution has well equiped 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	http://www.nehrucolleges.org/gallery-facilities.html
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)

55.43

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 was established in the year 2006. Our Central Library in the name of PK Das Knowledge Fort which covers an area of 30,000 sq.ft. The library has developed with collection of books and Journals in Science, Engineering, Technology, Humanities and Management. It maintains separate collections of reference books, back volumes of journals 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 which is available on the campus LAN. The total collection of library volumes is 28854, National Journals, International Journals and Magazine.

Name of ILMS software Auto Lib Nature of automation (fully or partially) Fully Version Autolib, Version – 5.0 Year of Automation 2006 Our Institute is being a member of National Digital Library of India provides additional resources to the students. The NDLI Club has been awarded as one of the best performing and outstanding contribution in conducting 22 NDLI Club activities since 8th January 2019.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	https://sites.google.com/view/pkdasknowledgefort?pli=1

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)

13.10

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

17.5

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

Following are the strategies for deploying and upgrading IT infrastructure and associated facility in our institution. The college is facilitated with 745 computers that are accessible to the students and the staff members for academic, research and online examinations.

The entire campus is monitored by CCTV facility. The CCTVs are installed in the college campus at Ramanujan Block, Dr A.P.J Abdulkalam Block, library etc. which assist to monitor the campus activities. Software is purchased and license is renewed as per norms. Internet Bandwidth connectivity is upgraded based on the requirements. The institution provides the use of free and open-source software as per guidelines of AICTE and an affiliated University, without violating licensing agreement. Wi-Fi connectivity is provided for the entire campus. Hardware firewall and Antivirus software are purchased and installed for all the computing equipments to fulfill the safety norms as per the requirement. The institute IT assets such as website, E-Resources (DELNET, N-LIST Science Direct, NDLI and CMS) and Campus automation system (ICAMPUZ) are protected against vulnerability and threat with support of antivirus software. IT facilities have

been updated and upgraded on regular basis and also new IT equipment have been purchased as per the requirements.

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

4.3.2 - Number of Computers

645

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

288.18

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.

Procedure for Maintaining and utilizingthe physical facilities: Maintenance of the Building: Our Institution has a maintenance team that carries out the maintenance activities of buildings,classrooms, seminar halls and laboratories. Maintenance of Laboratories: All the Laboratories are maintained periodically on regularbasis, those reports are maintained by laboratory Technicians.

Library Maintenance: The Librarian is responsible for the maintenance of the library books, journals, periodicals, furniture, electronic equipment, computers, and software, with the help of a team for library Maintenance.

Computer Maintenance: The Centralized Computer Centre (CCC) is in charge of all IT infrastructure maintenance and all Computing equipment maintenance.

Procedure for Maintaining and utilizing the supporting Facilities: Sports Equipments maintenance: The director of Physical Education periodically checks the sports equipment and request for service through the administrative officer and principal.

GENSET, UPS, and Water Doctor maintenance :

Maintenance of GENSET and UPS is supervised by a separate technician team of AMC,they perform regular maintenance for GENSET and UPS, records are also maintained. Our Institution has a water doctor on each floor of all the buildings which are serviced and maintained regularly by Crossfields waterpurifiers private limited.

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

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

571

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

0

File Description	Documents
Upload any additional information	**No File Uploaded**
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://nehrucolleges.org/aqar/5.1.3-2021-22.pdf
Any additional information	No File Uploaded
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

175

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

175

File Description	Documents
Any additional information	View File
Number of students benefited 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	**No File Uploaded**

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

175

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

19

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

9

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.

34

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

The college has an overall Student council. Each department suggests a Student based on academic performances, who will be constituted (as office bearers). The Student council involves in

the following activities:

1. Organizing College day and Avatar (National level intercollegiate and intracollegiate meet) functions every year 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 Vision, Mission, 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 functions like Celebrations of Independence Day, Republic Day and festivals.
5. Communicating between management and students to solve the general issues.
6. Extending their support to Principal office/Department.
7. Giving suggestions to the Principal/HoD for the smooth functioning of the events like college day, Graduation day, Symposiums etc.,
8. Students have representations in the Transportation Committee. Buses operate to various regions of Tamil nadu and Kerala.
9. Student council members aid other students by suggesting their grievances through grievance and redressal cell.
10. Girl students have representation in the Gender Equity Cell and Women Empowerment Cell of the college.

File Description	Documents
Paste link for additional information	Nil
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

134

File Description	Documents
Report of the event	View File
Upload any additional information	**No File Uploaded**
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

The college has an alumni association the name of alumni connect whose meeting is mostly organized in the college campus itself every year or sometimes off campus at hotel of major cities. The alumni meetings discuss the 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 for the betterment of the junior students. 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 to the institution to deliver talks on career guidance and seminars to motivate the young minds. Successful entrepreneurs from alumni are invited to talk about their success stories. The alumni help the junior students to get opportunities to undergo industrial visit or internship in their organizations or to assist them for getting placement in their organization.

File Description	Documents
Paste link for additional information	**Nil**
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	[View File](#)

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

The organization Vision and Mission are framed from the valuable inputs of all the stakeholders viz. management, faculty, students, parents, alumni, employers and the industry MoU partners. The institution is built on the core values of the ethics.

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**

Nehru Institute of Engineering and Technology (NIET) established in the year of 2006 by Nehru College of Educational and Charitable Trust, Kuniyamuthur, Coimbatore, with the primary objective of providing quality engineering education.

File Description	Documents
Paste link for additional information	http://www.nehrucolleges.org/aqar/6.1.1%20A-22.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.

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 order to facilitate the decision-making related to academic and administrative activities faster and to ensure complete transparency, various decentralization strategies have been practiced. Financial powers are delegated to the principal, Heads of Departments and relevant in- Charges. All committees are working effectively for the regular functioning of the institute. This administrative mechanism imparts participative management functions. Now the NIET campus is using CONTENT MANAGEMENT SYSTEM software whose main objective is to create and manage digital content.

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.

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 state-wide economic and workforce development as social commitment which is required for less privileged learning community.

The institution has a strategic plan in tune with the vision and mission of the college. Strategic plan is developed on considering the inputs from various quarters. The following laboratories have been setup under Industry-Institution collaboration that is perceived from the strategic plan of the institution.

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.

The Mechanism of providing right direction to programs is derived through Vision and Mission institution. At the Institution level annual performance appraisal, collection of informal feedback from students for improvement process, review of grievances and suggestions by monitoring the corrective measures for implementation are regularly followed.

The 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.

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, 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.

Advertisements are given through media and the all the appointments are made as per rules and regulations.

These service rules are implemented and the service rule book called "Service Book" which comprises are clearly mentioned.

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.

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

39

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

27

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

79

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 Performance Appraisal of the faculty is carried out with credit points to be considered for performance appraisal. In the prescribed Self-Appraisal format, the following items will appear which will give an overall picture of contributions made by an

individual faculty. The duly filled Self-appraisal form is received from each faculty at the end of every semester. 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 decisions and at the same time, it offers an opportunity for evaluation and discussion of employee weaknesses and strengths.

Periodically appraisal interviews are conducted to evaluate 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 Charted Account at the end of every financial year; thereby the statutory external auditing norms are followed by the Institution.

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

The funds are mobilized by the Institute through fees paid by the students who are admitted as per regulations laid 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.

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 plays a crucial role with its initiatives in academic and administrative domains. IQAC ensures quality standards in teaching and learning process, evaluation system and other related activities to develop a quality system for conscious, consistent improvement in the academic and administrative performance of the institution. IQAC strives hard for upgrading the college infrastructure and all support facilities to meet the standards of higher education and growing need of students. It assesses and suggests the parameters of quality education. IQAC meets every quarterly to plan, direct, implement and evaluate the teaching, research, and publication activities in the College. The sub-committees dealing with various activities spread quality culture through quality enhancement initiatives and best practices. Significant improvements in quality have been made by institutionalizing the following IQAC initiatives:

Strategic planning of key areas include:

1. Curricular planning and implementation
2. Teaching- Learning through ICT

3. Student technical training
4. Student soft skills development
5. Faculty development programs
6. Research and development
7. Interaction with industry
8. NBA accreditation

Monitoring and mentoring of academic and administrative activities. Academic inspections are carried out periodically to assess the quality of academics

File Description	Documents
Paste link for additional information	https://nehrucolleges.org/about-iqac.html
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

IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process.

The Academic Calendar is prepared in advance, displayed and circulated in the Institute. The Institution is presided and administrated with the objective of moulding true citizens. The Governing Council is chaired by the Management, with the Principal, academicians and Industrial experts as council members. The Governing Council sets well defined goals to reach the required outcome and presents the agenda, milestones, achievements and challenges. The Governing Council suggestions are adopted into the system for the continuous growth and sustained development. These suggestions are implemented at all stages through various decision-making bodies like Department Advisory Committee (DAC) and Internal Quality Assurance Cell (IQAC) that address the academic and non-academic issues to meet the vision of the institution.

Class Committee meetings are conducted thrice a semester before every internal assessment Test. The meeting is chaired by the Senior Faculty and team of student representatives attends the meeting along with subject handling faculty members. Feedback on the teaching-learning process, syllabus coverage, pedagogy practices and efficacy of teaching-learning process arediscussed.

Based on the feedback obtained in the class committee meeting, necessary remedial actions are taken.

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

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)	**A. All of the above**

File Description	Documents
Paste web link of Annual reports of Institution	https://nehrucolleges.org/NAAC/Annual%20Report%202021-2022.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
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 entails treating everyone equally and resolving gender disparities that, depending on a person's gender, restrict their access to possibilities for improved health, education, and economic opportunity. The fundamental goal of Gender Equity is to "establish a safe campus for everyone without any fear, threat, or worry."

A female lawyer and one external member from the police department are also included in the cell's membership, which is made up of faculty members from all the departments. It guarantees that opportunities are not restricted based on gender. This cell's email address is nietgec@nehrucolleges.com.

The Cell has arranged a number of programs, awareness workshops this academic year, like Women's Day celebration, First Aid Management, Menstrual Cycle Awareness, Causes and Effects of Cancer in Light of World Cancer Day. Students learn about sexual harassment in general, how to prevent it. The resource persons were invited from various institutions and organizations like from police department, doctors from hospitals and professors from medical institutions.

The institution also provides a wide range of additional services. CCTV cameras in the premises. Security personnel continuously monitor the college and hostel areas for students' safety and security, common areas withfurniture and publications. The student adoption system is carefully looked at by each department. The college is served by a dispensary that has a doctor and a nurse. The girl's hostel also has a separate dispensary.

File Description	Documents
Annual gender sensitization action plan	https://www.nehrucolleges.org/aqar/C.7.1.1%20A-22.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	https://www.nehrucolleges.org/aqar/C.7.1.1%20B-22.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

Degradable waste management

Our institution takes the necessary daily precautions to dispose of solid waste by means of bio septic tank. The composite pit uses compost from the trees and plants to create fertilizer. In the biogas plant, the vegetable wastes from the mess and canteen are combined and treated. Waste produced by the various offices, departments, etc. is promptly collected and sent to the auxiliary suppliers.

The campus has a well-built drainage system with closed compilation tanks as its design. By using a sprinkler watering system, the campus's grass, saplings, and trees are effectively watered with waste water from the toilets and kitchens.

Non – Degradable waste management

Our college's dispensary runs effectively for the benefit and health of the students. Only fibre gauze, which is disposed of alongside biodegradable waste, makes up the majority of the dispensary's biomedical wastes.

Lab electronic waste is carefully collected and delivered to the outside recycling agent. In order to avoid using dangerous chemicals and radioactive materials, the chemistry lab only employs diluted acids.

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: 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping	A. Any 4 or All of the above

File Description	Documents
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 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen   reading

A. Any 4 or all of the above

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).

Through our NSS house we had conducted Independence Day, Republic Day, Save soil movement, Yoga Programme, Road safety Programmes, Goal setting and consequences of addiction in favor of students and faculty members. Organized blood donation camps in association with Shanthi social service.For the needy old aged

people 'AmudhaSurabhi' provides three meals a day.

Our Institution had donated necessary materials like face mask, oxymeter and sanitizers etc., to Primary health Centre as a communal social economic diversity.

The Rotaract club of our Institution has actively participated and conducted many events like Awareness Averting Prevention, Benefits of balance diet, Awareness on Menstrual hygiene as a communal social economic diversity. The college has NOBLE training centre for the faculty and students. The students from other colleges and school do visit and get benefited by the training program given for two days with staying facilities. The faculties of our institution had been given NOBLE training.

In addition to these, The institution maintains ornamental gardens in and around the campus, it also plants more trees, and it developed a "VANAM" with many berry trees and medicinal trees, which is a forest, to make the school eco-friendly. The institution hosts Onam, Pongal, Ayudha Pooja, Christmas celebrations, College Day, and Avatar, an interdisciplinary programme, to promote cultural and regional peace.

Our institution along with EDUDHARMA (a social welfare community) conducted awareness to help students who need financial assistance to continue their studies.

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 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 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 institution organizes appropriate activities to increase consciousness about national identities and symbols, Fundamental Duties and Rights of Indian citizens. The NSS/YRC/RRC club students participated in Save soil movement, Road safety Programmes, Goal setting and consequences of addiction The college organizes blood donation camp every year.

In order to honour 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.

Apart from these college organized various programs for the awareness of cleanliness among the resident in the nearby villages.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	http://www.nehrucolleges.org/aqar/C.7.1.9%20(A)-22.pdf
Any other relevant information	http://www.nehrucolleges.org/aqar/C.7.1.9%20(B)-22.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	A. All of the above

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 republic day was observed on January 26, 2022. On August 15, 2022, we observed Independence Day. To mark the occasion, NSS, YRC/RRC, and Rotaract club arranged "Veterans India Patriotic Run" in collaboration with our physical education department.

In honour of International Yoga Day, we held yoga classes for the students on March 29 and 30, 2022, to raise awareness of the value of yoga. On April 23, 2022, World Book Day was observed to promote the value of reading.

On October 6, 2021, the Air Force Day was observed to inspire engineering students. On February 28, 2022, "National Science Day" was observed to honour discovery of the Raman Effect. Oral paper presentations, digital poster creation, essay writing, and quiz competitions, were held for the benefit of the students. In honour of the renowned mathematician Ramanujan, Pi Day was enthusiastically observed on March 15, 2022. On Sir. Moksha undam Vishweshvaraya birthday, September 15, 2021, "Engineer's Day" was observed.

National Festivals

On 12 January 2022, Pongal was enthusiastically observed on campus. On this special day, numerous activities take place. Onam, the festival, was observed on August 24, 2021, in the college with tremendous fervour and numerous activities were held that day.

On December 24, 2021, we started a tradition of celebrating Christmas. On campus, the Ayudha puja is lavishly observed. Each department, the labs, and the college library perform Poojas.

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.

1.Title of the Practice: Student Council 2.Objective of the Practice:

A democratically chosen group of students from each department makes up a student council. Each student council member has a specific responsibility within the organization, and the group members collaborate to plan events, face issues, find solutions, and develop leadership abilities.

3.The Context:

•Learn time management and planning techniques to boost your self-esteem and academic achievement.

4. The Practice:

• The objective is to make fast learners and the creamy layer of the students face problems in terms of overall performance.

5.Evidence of Success:

The percentage of students' involvement in curricular and co-curricular activities increased with the motivation from peer group.

6.Problems Encountered and Resources Required:

- **It was tackled by providing special support both in academics and other activities, now this is one of the successful practices**

1.Title of the Practice: Nehru Corporate Placements and Industry Relations 2.Objective of the Practice:

- **A bridging partner in continuous engagement of industry and institution.**
- **Identify and bring in international linkages at multiple levels of engagement such as education, training and placements.**

3.The Context:

- **NCP&IR continuously interacts with the corporate and students for their final placements.**
- **It also initiates corporate consultancy with industry and academics.**

5. Evidence of Success:

Students are exposed to industrial expectations to focus on the real time skill set.

6. Problems Encountered and resources required:

Interface with leading industries is a mighty task.

File Description	Documents
Best practices in the Institutional website	http://nehrucolleges.org/best-practices.html
Any other relevant information	http://www.nehrucolleges.org/aqar/C.7.2.1-22.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

OBJECTIVE

To implement online learning strategy, we used all possible modes with the infrastructure that exists in our campus. The output of this strategy was CMS PORTAL.

where students can access our faculty's lecture notes, question papers and faculty videos using their gadgets anywhere.

DIGITLA COURSE FILE

Our campus came with new innovative idea "DIGITLA COURSE FILE" in this module each faculty can upload their course contents using GOOGLE form and also have provided updating features so that they can keep the digital course content dynamic.

USE OF QR CODES IN LABS AND LAB MANUAL

Students can watch the laboratory experiments videos using QR codes located on the equipment itself.

Videos of experiments embedded in QR codes may draw student's interest concerning topics that they have difficulty in understanding and have misconceptions about it.

USE OF QR CODES IN CORRIDORS AND CLASS ROOMS

Faculties can produce materials online and share their work with QR code. QR code can be pasted on class notice boards which may connect the student to related video, web page or other sources of information which will help them to enhance their knowledge about specific topic.

File Description	Documents
Appropriate web in the Institutional website	[View File]()
Any other relevant information	[View File]()

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7.3.2 - Plan of action for the next academic year

Plan of action for the next academic Year

1. To conduct more Seminars/Workshops on Use of ICT in Quality Teaching Learning, Research Methodology & Environment.
2. To initiate more scholarships to reward the students for various achievements.
3. To organize more extension activities for the benefit of the Society and to create awareness on various social issues.
4. To support various Staff Benefit and Welfare measures.
5. Planned to apply Autonomous status of the Institution and also apply NBA accreditation for Electronics and Communication Engineering Program.
6. To create awareness and initiate measures for Protecting and Promoting Environment.
7. To encourage and facilitate Research Culture, to promote Research by students and Faculty and Consultancy by Faculty.
8. To facilitate continuous up-gradation and updation of Knowledge & Use of Technology by Faculty and Students.
9. To implement the recommendations made by Audit Team which conducted Green Audit & Energy Audit carried out by the Institution.