



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	NEHRU INSTITUTE OF ENGINEERING AND TECHNOLOGY
Name of the head of the Institution	Dr.P.Maniiarasan
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04222622007
Mobile no.	9003936804
Registered Email	nietprincipal@nehrucolleges.com
Alternate Email	nietprincipal@gmail.com
Address	Nehru Garden, Thirumalayam Palayam, Coimbatore
City/Town	Coimbatore
State/UT	Tamil Nadu
Pincode	641105

2. Institutional Status

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	Self financed
Name of the IQAC co-ordinator/Director	Dr.R.Deepa
Phone no/Alternate Phone no.	04222622007
Mobile no.	9489212233
Registered Email	nietiqac@nehrucolleges.com
Alternate Email	ecedeeepa@gmail.com

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.nehrucolleges.org/NAAC/2018-19-AQAR-01-12-2021.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes, whether it is uploaded in the institutional website: Weblink :	https://www.nehrucolleges.org/NAAC/ACADEMIC%20CALENDAR%202019-20.pdf

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B++	2.91	2017	09-Jun-2017	08-Jun-2022

6. Date of Establishment of IQAC

14-Sep-2014

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
CSIR sponsored One Day National Level Seminar on	26-Jul-2019 1	180
Second IQAC Audit	12-Feb-2020 2	130
NOBLE Outbound Training for Trainers	18-Dec-2019 2	15
Communication training	17-Jul-2019 8	110
First IQAC Audit	21-Aug-2019 2	130
Green Audit	01-Oct-2019 1	64

Energy Audit	23-Oct-2019 1	48
Revised NAAC orientation programme	13-Nov-2019 1	54
Faculty development program on Awareness on assessment and Accreditation process	04-Nov-2019 4	108
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nil	Nil	Nil	2019 0	0

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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	3
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

1. Regular Monitoring of Classes and laboratories 2. Student's Feedback and analysis mechanism through a proper format. 3. Effective usage of SMART Class Rooms, ICT and student mentoring. 4. To impart confidence building and enhance leadership qualities using NOBLE training 5. Students have been encouraged to involve in more number of NSS and social activities.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achievements/Outcomes
To implement outcome based education effectively	Outcome based Education is successfully implemented
Initiating the college to apply and confer awards and ranking in state and national level for every year	Applied for AISHE and got certificate.
Plan to carry out extension activity	Many extension activities were carried out as planned by NSS, NCC, YRC..
To conduct workshops/seminars on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship	15 workshops successfully conducted
Entrepreneurship initiatives to be encouraged through incubation centre	More workshops are conducted by NGI TBI
Intensive placement training for all the students	Percentage of placements increased with the help of NCPIR
To include experimental learning through project work / field work / internship	Successfully implemented in all departments
Add-on programmes/certificate programmes to be introduced	Successfully implemented in all departments
Learning through Online Platform	Online teaching learning process through LMS platform
Institutional Infrastructure: Addition of Books journals to library	New books and journals added in library

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14. Whether AQAR was placed before statutory body ?	Yes
Name of Statutory Body	Meeting Date
Governing Council	10-Oct-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	13-Apr-2018
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	14-Aug-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	The comprehensive MIS/ERP software used in NIET is iCampuz. It is an advanced web based college management system offering high flexibility with abundant features to collaboratively create quality education system. Its main feature is to provide seamless networked campus and a paperless administration. iCampuz is the best solution for the centralized management of academic data and this application platform provides a right communication link between faculty,

parents and students so that a good feedback system and a knowledge rich environment can be created to improve the education system. It also contains an exam management system that provides accessibility of result, statistics and customized report generation. iCampuz provides a framework with which all members of an institution can access, view and manage their account. The software provides a systematic approach to control, describe, store, retrieve and share information contained. Highlights The main highlights of are • Online end to end campus management solution • MIS based web application software • Brings Parents, Students, Teachers and Management on common interactive platform • Reduce admin cost and paper work • Data conversion into various formats • Bulk Data uploading facility • Multiple Campus Management • Cost Effective Solution for total management • Hundreds of Automated and Quick report generation. • User friendly interface requiring minimal IT skills • Centrally stored information with Zero redundancy • Real time monitoring of Student's Academic Performance • Students Fee / Payment monitoring and management • Uptodate monitoring of Faculty performance, Syllabus coverage • Faculty performance rating by students • Certificates Collections and Management • Certificate and profile images uploading facility • Single click mail / messaging for Students, Parents, Faculty and Staff • Hundreds of Statistics for performance Assessment for the Management • Preset and Authenticated Access to data • 24/7 accessibility from across the globe

Part B

CRITERION I - CURRICULAR ASPECTS**1.1 - Curriculum Planning and Implementation****1.1.1 - Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words**

Nehru Institute of Engineering and Technology, Coimbatore is affiliated to Anna University, Chennai. However, the implementation of curriculum is taken scrupulously by the institution as per the academic schedule. Academic Calendar Institution calendar for the academic semester prepared based on the university calendar to ensure proper teaching-learning process, schedule of the internal test, university examinations etc., Department calendar is prepared in aligned with the Institution calendar to include department activities like seminars, workshops, guest lectures, symposiums, conferences, various club activities, industrial visit/training, value-added course, certification course etc. The excellence of Classroom teaching with Course Plan Meetings are held in each department to discuss the distribution of courses for upcoming academic sessions during the end of the semester. Based on individual faculty members experience and expertise, the course is assigned to them by the head of the department. The individual faculty member prepares a course plan. It gives an insight into how the lecture class will be handled throughout the semester before commencing of each semester. The excellence of the classroom teaching depends on content delivery, interaction, discussion, examples, applications and usage of modern ICT tools. The role of the teachers is significant not only with contents but also with motivational contributions of students through paper presentation, projects, group assignments, visit to various industries for better exposure. Instructional methods and pedagogical initiatives Institution practices outcome-based education while planning and delivering the content. Various Innovative Teaching & Learning methodologies are adopted by the faculty members to create the best learning environment for students. Teaching and Learning methodologies include traditional (Chalk and talk) and technology-enabled methods. Video lecturing is provided by faculty members to explain the real-world problems with industrial illustrations, design issues etc. Faculty members prepare the e-materials for both theory and laboratory manual for the benefit of students by posting in Content Management System available in the college website. Faculty demonstrates static & working models, simulations, animations and implemented projects in the department. Invited expert lectures (industrialists/academicians) are arranged to deliver the content beyond syllabus for knowledge enhancement and value-added courses have been organized for bridging the gap between Industry and Academia. Tutorials/ E-learning classes are practised for participative learning. Assignments are given to improve the knowledge beyond the syllabus. Students are motivated for doing research work through publications and encouraged to do project in Newgen IEDC and NGI-TBI. Monitoring system for curricular delivery HODs and IQAC coordinators are regularly monitoring the delivery of curriculum. Academic feedback 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. The outcome-based education focuses on effective curriculum delivery to meet. The internal assessment tests are conducted to assess the attainments of the course outcomes. The academic audit is done by IQAC to ensure the quality of delivery of curriculum.

1.1.2 - Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship	Skill Development
Certified course on Industrial Engineering and Management	Nil	20/01/2020	6	Entrepreneurship	Technical
Certified Course on Data Science and applications	Nil	08/10/2019	6	Employability	Technical
Certified Course on Embedded Software and Hardware Architecture	Nil	14/10/2019	6	Employability	Technical
Industrial automation LORA	Nil	27/01/2020	30	Employability	Technical
Course on NDT	Nil	27/01/2020	5	Employability	Technical
Certificate Course on PLC, Sensors and Actuators	Nil	22/01/2020	7	Employability	Technical
Certificate course on mobile app development	Nil	20/05/2020	5	Entrepreneurship	Software

1.2 - Academic Flexibility**1.2.1 - New programmes/courses introduced during the academic year**

Programme/Course	Programme Specialization	Dates of Introduction
Nil	Nil	Nil
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1.2.2 - Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Aeronautical Engineering	10/06/2019
BE	Computer Science and Engineering	10/06/2019
BE	Electrical and Electronics Engineering	10/06/2019
BE	Electronics and Communication Engineering	10/06/2019
BE	Mechanical Engineering	10/06/2019

BE	Mechatronics Engineering	10/06/2019
ME	Communication Systems	10/06/2019
ME	Aeronautical Engineering	10/06/2019
MBA	Nil	10/06/2019

1.2.3 - Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	862	Nil

1.3 - Curriculum Enrichment

1.3.1 - Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Integration of 3D product development with Sustainable Design	26/08/2019	267
CISCO Training	27/07/2019	27
Mobile Application Development Accent Techno soft	27/07/2019	49
IoT Intel Training Fice-Bangalore	20/01/2020	44
ARDUINO Programming	20/10/2020	86
Optimization Techniques	02/12/2019	86
IOT Training Programme	17/06/2019	60
Embedded System Design using MSP430	08/07/2019	53
Lean Six Sigma green belt Certification Program	03/02/2020	26
Quality Control	24/02/2020	213

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1.3.2 - Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Aeronautical Engineering	156
BE	Department of Computer science and Engineering	84
BE	Department of Electronics and Communication Engineering	152
BE	Department of Electrical and Electronics Engineering	168
BE	Department of Mechatronics Engineering	286
BE	Department of Mechanical Engineering	151
BE	Department of Science and Humanities	227
MBA	Nil	17

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1.4 - Feedback System

1.4.1 - Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 - How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
Institution has effectively implemented a structured feedback system for analyzing the curriculum which is completely developed by the affiliated university. The feedback is collected once in a year from the Students, Teachers, Employers and Alumni through online Google form which is hosted in the college website. The analysis of feedback will be done by the concerned department and the feedback report will be communicated to the affiliated university at the end of academic year to intimate the lack of curriculum to meet the current industrial trends and to include the real world problems. The analyzed feedback report is discussed in the department advisory committee meeting and the action taken to redress the suggestions expressed in the meeting is recorded in the minutes of meeting. As per the suggestions made by the department advisory committee members, same will be implemented in the next academic year by conducting seminars, value added courses, certification courses and motivating the students to undergo Industrial visit and internship to correlate the syllabus and to bridge the curriculum gap.

CRITERION II - TEACHING- LEARNING AND EVALUATION

2.1 - Student Enrolment and Profile

2.1.1 - Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
ME	Communication Systems	18	2	1
ME	Aeronautical Engineering	18	9	6
MBA	Master of Business Administration	60	62	50
BE	Mechatronics Engineering	120	30	22
BE	Mechanical Engineering	120	38	27
BE	Electronics and Communication Engineering	90	51	36
BE	Electrical and Electronics Engineering	60	24	12
BE	Computer science and Engineering	60	72	56
BE	Aeronautical Engineering	120	108	101

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2.2 - Catering to Student Diversity

2.2.1 - Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1441	57	141	6	10

2.3 - Teaching - Learning Process

2.3.1 - Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
150	150	19	56	5	9

[View File of ICT Tools and resources](#)[View File of E-resources and techniques used](#)

2.3.2 - Students mentoring system available in the institution? Give details. (maximum 500 words)

Mentoring system: The Mentor-Mentee ratio is decided on the basis of the strength of the students and faculty in the department. It is expected 1:15. Students are mentored in tutor ward hour which is planned one hour in every week. Every student in a class has a mentor who monitors his/her wards academic and personal problems. Every day mentors will meet the mentees to discuss the performance of the mentees allotted during the mentor hour. After every Internal Assessment Test the mentors will meet their mentees and discuss about their performance in the Internal Assessment Test. After the announcement of results from the University End Semester Examination, mentor will meet their mentees and discuss about their Grade received in the University End Semester Examination. Mentees record book: For every mentees, the mentor will maintain a separate a record book to follow up all the activities of the mentees. Mentor Hour: Mentors use to meet their mentees on daily basis during the mentor hour allocated for every class. During the mentor hour the students will perform the activities such as role play, newspaper reading, technical talk, Group discussion etc., which would help to improve the overall personality of the students. Mentor Mentee Meeting: Mentor - Mentee meeting will be conducted after every Internal Assessment Test. Mentors will carry out the performance analysis of their mentees in the Internal Assessment Test and mentors will also discuss about the co- curricular and extracurricular activities participation in the value-added course, online certificate, workshop, seminar, conference, sports and cultural.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1498	150	1:10

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
130	150	Nil	12	29

2.4.2 - Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. P. T. VijayaRajakumar	Professor	Best Manager Event, Tejo maya Intercollegiate Meet, Sree Narayanaguru Institute of Management Studies, Coimbatore
2019	Dr.M.A. Raja	Professor	Confederation of Elite Academicians of IICDC, Texas Instruments, AICTE and IIM Bangalore.
2019	Mr.Madhusuthanan.M	Assistant Professor	Best resource person in a short-term course on FEA (12 DAY Webinar Series) on 2.7.20(10AM to 11.30AM), Ramco Institute of technology, Mechanical Engineering Dept.
2019	Ms.Jeba Paulin	Assistant Professor	NGI Excellence award is Honoring the dedicated ,Best faculty award for active participation in teaching. Nehru Group of Institutions, Coimbatore
2019	Mr.M.Purushothaman	Assistant Professor	NGI Excellence award is Honoring the dedicated ,Best faculty award for active participation in teaching. Nehru Group of Institutions, Coimbatore
2019	Ms.N.C.Leenu	Assistant Professor	NGI Excellence award is Honoring the dedicated ,Best faculty award for active participation in teaching. Nehru Group of Institutions, Coimbatore
2019	Mr.Krishnakumar L	Assistant Professor	NGI Excellence award is Honoring the dedicated ,Best faculty award for active participation in teaching. Nehru Group of Institutions, Coimbatore
2019	Ms.K.Sivakami	Assistant Professor	NGI Excellence award is Honoring the dedicated ,Best faculty award for active participation in teaching. Nehru Group of Institutions, Coimbatore
2019	Mr.T.Krishnaprasath	Assistant Professor	NGI Excellence award is Honoring the dedicated ,Best faculty award for active participation in teaching. Nehru Group of Institutions, Coimbatore
2019	Mr.J.Karthikeyan	Assistant Professor	NGI Excellence award is Honoring the dedicated ,Best faculty award for active participation in teaching. Nehru Group of Institutions, Coimbatore

[View File](#)**2.5 - Evaluation Process and Reforms**

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	101, 104, 106, 105, 114, 115, 631, 421, 403, 431	I/I	14/12/2019	13/01/2020
BE	101, 104, 106, 105, 114, 115, 631, 421, 403, 431	III/II, V/III, VII/IV	31/10/2019	13/01/2020
BE	101, 104, 106, 105, 114, 115, 631, 421, 403, 431	II/I	30/04/2020	12/09/2020
ME	424, 403, 431	I/I	14/12/2019	13/01/2020
ME	424, 403, 431	III/II	21/10/2019	13/01/2020
ME	424, 403, 431	II/I, IV/II	30/04/2020	12/09/2020
MBA	631	I/I	14/12/2019	13/01/2020
MBA	631	III/II	21/10/2019	13/01/2020
MBA	631	II/I, IV/II	30/04/2020	12/09/2020

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2.5.2 - Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Nehru Institute of Engineering and Technology is affiliated to Anna University, Chennai which follows the Examination pattern of the university. Anna University guidelines are strictly adhered to with respect to evaluation process. There are three Internal tests conducted. The schedules of internal assessments are 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 Assessment (CIA) system from faculty centric to student centric. The Institute Exam cell framed guidelines for conducting the CIA in line with calendar of the Affiliate University and the Institutions. As per the guidelines, the following reforms have been carried out effectively in conducting CIA: • Scheduling of Internal Examination, Seating arrangements, hall invigilators are listed in the notice board of respective allotted class to take up

the examination. • Question paper set up will be prepared for the internal examination in the prescribed pattern based on Knowledge level using revised Bloom's taxonomy. • The question paper will be scrutinized by the Head of the Department (HoD) and ensure quality of the Question paper. • Monitoring the attendance of the students to take up Examination and Internal Assessment has to be carried out within the stipulated time. • After completion of the internal examination, the faculty evaluates the answer scripts of the students and it will be distributed to the students for any clarifications and performance of the individual candidate would be revealed. Internal marks are displayed on the notice board. • Review meeting will be conducted with result analysis and the remedy for further improvements are taken after discussion with faculty, HoD and Principal. • Upload of assessment marks in university web portal and subsequently communicated to parents. The evaluation for theory courses are assessed in direct mode (80) covering both internal and university examinations and indirect (20) covers survey. The evaluation for laboratory courses are assessed in the similar pattern as followed for theory courses. For each laboratory sessions, the student is assessed through viva questions and the performance in the observations work. The evaluation for project course are assessed by conducting periodical project reviews covering key parameters like problem formulations, understanding of the project, presentation skills, communication of ideas , technical knowledge , team work and project management. Major project consists of 200 marks. The project review committee organizes review meetings to assess the progress of all the project batches.

2.5.3 - Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

As an affiliated college, the Anna University calendar is adhered to. In addition to this, an Academic College Calendar is prepared and printed which contains a list of all the interactive and innovative programmes to be conducted by the college, both at the faculty and student level. Detailed schedules with dates are given for CAT, Model Examination, University practical examination and Project presentation. Students prepare for these examinations accordingly. The academic calendar is uploaded in the college website. An IQAC Calendar is also prepared which enumerates the academic programmes and activities for quality enhancement to be held in the college. The new programmes are to enable quality enhancement that are offered during the course of the year, these are availed for the benefit of the staff and students. The IQAC evaluates such activities during their meetings. It monitors all parameters right from attendance, (75 attendance is mandatory as per university rules), assignments, practical's / labs, internal tests. List of defaulter students are notified fortnightly and informed to the parents. Teachers are supposed to maintain course files of their subjects. All assignments are given in stipulated period of time, so that students could plan and complete the assignments in time. Parent teacher meeting date is also mentioned in the academic calendar. Faculty conducts lectures and practical's as per the timetable in alignment with the academic calendar. Exams and result declaration are strictly followed on the dates mentioned in the academic calendar.

2.6 - Student Performance and Learning Outcomes

2.6.1 - Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://www.nehrucolleges.org/>

2.6.2 - Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
121	BE	Aeronautical Engineering	87	84	96.55
104	BE	Computer science and Engineering	44	44	100
105	BE	Electrical and Electronics Engineering	37	35	94.59
106	BE	Electronics and Communication Engineering	61	59	96.72
114	BE	Mechanical Engineering	86	86	100
115	BE	Mechatronics Engineering	54	54	100
631	MBA	Master of Business Administration	9	9	100
424	ME	Aeronautical Engineering	6	6	100
403	ME	Communication Systems	1	1	100

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2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

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

CRITERION III - RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1825	Entrepreneurship Development Institute of India	287	0

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3.2 - Innovation Ecosystem

3.2.1 - Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Seminar on Strategies for Improving Small Scale Enterprises	Mechatronics Engineering	09/12/2019
Two day Hands on training in writing and publishing Research papers in International journals	Mechanical Engineering	12/12/2019
One day seminar on patent art search	Aeronautical Engineering	12/09/2019
Entrepreneurship Opportunities in the software Industry	Computer Science and Engineering	24/01/2020
Seminar on How to become an entrepreneur?	Electronics and Communication Engineering	17/09/2019
Seminar on importance of Intellectual Property Rights	Electrical and Electronics Engineering	05/02/2020

3.2.2 - Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Rashtriya Vibhushan Samman Puraskar	Dr.P.Krishnakumar	Association For Rising And Talented Personalities	22/11/2019	National Economic Growth Social Development

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3.2.3 - No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement	
Nil	Nil	Nil	Nil	Nil	Nil	
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3.3 - Research Publications and Awards						
3.3.1 - Incentive to the teachers who receive recognition/awards						
State	National		International			
00	00		00			
3.3.2 - Ph. Ds awarded during the year (applicable for PG College, Research Center)						
Name of the Department			Number of PhD's Awarded			
Nil			Nil			
3.3.3 - Research Publications in the Journals notified on UGC website during the year						
Type	Department	Number of Publication		Average Impact Factor (if any)		
International	Aeronautical Engineering	8		1.57		
International	Computer Science and Engineering	3		1.58		
International	Mechanical Engineering	6		0.74		
International	Mechatronics Engineering	2		5.03		
International	Science and Humanities	5		3.2		
International	Master of Business Administration	1		5.3		
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3.3.4 - Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year						
Department			Number of Publication			
Computer Science and Engineering			2			
Science and Humanities			1			
Mechanical Engineering			3			
Aeronautical Engineering			1			
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3.3.5 - Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index						
Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
OPTIMIZATION OF WEAR BEHAVIOR OF AL 5456 ALLOY/TIB2 COMPOSITE USING ANOVA AND TAGUCHI METHOD	S. Balaji, Dr.P.Maniiarasan	International Journal of Recent Technology and Engineering (IJRTE)	2019	0	Nehru Institute of Engineering and Technology	Nil
COHERENT FLYING OBJECT - CFO A PRELIMINARY DESIGN OF A DISC SHAPED UAV	Dinesh Babu V	International Journal of Recent Trends in Engineering Research (IJRTER)	2019	0	Nehru Institute of Engineering and Technology	Nil
OBSURE HOVERING VEHICLE	Dinesh Babu V	International Research Journal of Engineering and Technology (IRJET)	2020	0	Nehru Institute of Engineering and Technology	Nil
EFFECT OF REINFORCEMENTS AND PROCESSING METHOD ON MECHANICAL PROPERTIES OF GLASS AND BASALT EPOXY COMPOSITES	C. R. Raajeshkrishna	SN Applied Sciences	2020	8	Nehru Institute of Engineering and Technology	6
THE INVESTIGATION OF MICROSTRUCTURE AND TRIBOLOGICAL BEHAVIORS FOR AL6063/SIC-FLY-ASH METAL MATRIX HYBRID COMPOSITES	S. Balaji, Dr.P.Maniiarasan	TEST Engineering Management	2020	0	Nehru Institute of Engineering and Technology	Nil
MULTI-RESPONSE OPTIMIZATION OF MACHINING PARAMETERS ON PHENOLIC BAKELITE HGW 2088 USING DESIRABILITY FUNCTION APPROACH	S. Balaji, Dr.P.Maniiarasan	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2020	0	Nehru Institute of Engineering and Technology	Nil
THERMOMECHANICAL CHARACTERIZATION AND MORPHOLOGICAL ANALYSIS OF NANO BASALT REINFORCED EPOXY NANOCOMPOSITES	C. R. Raajeshkrishna	INTERNATIONAL JOURNAL OF POLYMER ANALYSIS AND CHARACTERIZATION	2020	7	Nehru Institute of Engineering and Technology	6
EFFECT OF V ADDITION ON DRY SLIDING WEAR BEHAVIOUR OF TITANIUM MATRIX COMPOSITES	A. Senthamilselvi, P. Maniarasan	Digest Journal of Nanomaterials and Biostructures	2020	0	Nehru Institute of Engineering and Technology	Nil

Solution growth of γ -glycine from cadmium sulphate as solvent for frequency doubling applications	Mrs. N. sathiyapriya	Materials Research Express	2019	1	Nehru Institute of Engineering and Technology	1
Importance of cesium carbonate additives in the nucleation and growth of α - and γ -glycine single crystals	Mrs. N. sathiyapriya	Molecular Crystals and Liquid Crystals	2019	0	Nehru Institute of Engineering and Technology	Nil

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3.3.6 - h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Importance of cesium carbonate additives in the nucleation and growth of α - and γ -glycine single crystals	Mrs. N. sathiyapriya	Molecular Crystals and Liquid Crystals	2019	2	Nil	Nehru Institute of Engineering and Technology
Solution growth of γ -glycine from cadmium sulphate as solvent for frequency doubling applications	Mrs. N. sathiyapriya	Materials Research Express	2019	2	1	Nehru Institute of Engineering and Technology
EFFECT OF V ADDITION ON DRY SLIDING WEAR BEHAVIOUR OF TITANIUM MATRIX COMPOSITES	A. Senthamilselvi, P. Maniarasan	Digest Journal of Nanomaterials and Biostructures	2020	5	Nil	Nehru Institute of Engineering and Technology
THERMOMECHANICAL CHARACTERIZATION AND MORPHOLOGICAL ANALYSIS OF NANO BASALT REINFORCED EPOXY NANOCOMPOSITES	C. R. Raajeshkrishna	INTERNATIONAL JOURNAL OF POLYMER ANALYSIS AND CHARACTERIZATION	2020	7	6	Nehru Institute of Engineering and Technology
MULTI-RESPONSE OPTIMIZATION OF MACHINING PARAMETERS ON PHENOLIC BAKELITE HGW 2088 USING DESIRABILITY FUNCTION APPROACH	S. Balaji, Dr.P.Maniiarasan	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2020	5	Nil	Nehru Institute of Engineering and Technology
THE INVESTIGATION OF MICROSTRUCTURE AND TRIBOLOGICAL BEHAVIORS FOR AL6063/SIC-FLY-ASH METAL MATRIX HYBRID COMPOSITES	S. Balaji, Dr.P.Maniiarasan	TEST Engineering Management	2020	5	Nil	Nehru Institute of Engineering and Technology
EFFECT OF REINFORCEMENTS AND PROCESSING METHOD ON MECHANICAL PROPERTIES OF GLASS AND BASALT EPOXY COMPOSITES	C. R. Raajeshkrishna	SN Applied Sciences	2020	7	6	Nehru Institute of Engineering and Technology
OBSCURE HOVERING VEHICLE	Dinesh Babu V	International Research Journal of Engineering and Technology (IRJET)	2020	Nil	Nil	Nehru Institute of Engineering and Technology
COHERENT FLYING OBJECT - CFO A PRELIMINARY DESIGN OF A DISC SHAPED UAV	Dinesh Babu V	International Journal of Recent Trends in Engineering Research (IJRTER)	2019	Nil	Nil	Nehru Institute of Engineering and Technology
OPTIMIZATION OF WEAR BEHAVIOR OF AL 5456 ALLOY/TIB2 COMPOSITE USING ANOVA AND TAGUCHI METHOD	Dr.P.Maniiarasan	International Journal of Recent Technology and Engineering (IJRTE)	2019	5	Nil	Nehru Institute of Engineering and Technology

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3.3.7 - Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	4	12	2	2
Presented papers	5	1	Nil	2
Resource persons	Nil	1	2	1

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3.4 - Extension Activities

3.4.1 - Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Blood donated at Government	NSS Unit	Nil	5
National Service Scheme Day	NSS Unit	9	122
National unity day	NSS/YRC	5	82
Eye Checkup Camp	NSS/YRC/RRC	11	257
Corona Awareness Program	NSS/YRC/RRC	7	96
73rd Independence Day 2019 program	NSS/YRC/RRC	24	103
Blood donation camp Associated with Shanthi Gears	NSS/YRC/RRC	3	270
AIDS Awareness program at ASSISSI SNEHALAYA	NSS/YRC/RRC	17	80
Blood donation at Coimbatore Medical College	NSS/YRC/RRC	2	5
Republic Day Function 2020	NSS/YRC/RRC	14	92

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3.4.2 - Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
National Economic Growth Social Development	Rashtriya Vibhushan Samman Puraskar	Association For Rising And Talented Personalities	Nil

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3.4.3 - Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Republic Day Function 2020	NSS/YRC/RRC	Republic Day Function 2020	14	92
Blood donation at Coimbatore Medical College	NSS/YRC/RRC	Blood donation at Coimbatore Medical College	2	5
Blood donation at Coimbatore Medical College AIDS Awareness program at ASSISSI SNEHALAYA	NSS/YRC/RRC	Blood donation at Coimbatore Medical College AIDS Awareness program at ASSISSI SNEHALAYA	17	80
Blood donation camp Associated with Shanthi Gears	NSS/YRC/RRC	Blood donation camp Associated with Shanthi Gears	3	270
73rd Independence Day 2019 program	NSS/YRC/RRC	73rd Independence Day 2019 program	24	103
Corona Awareness Program	NSS/YRC/RRC	Corona Awareness Program	7	96
Eye Checkup Camp	NSS/YRC/RRC	Eye Checkup Camp	11	257
National unity day	NSS/YRC	National unity day	5	82
National Service Scheme Day	NSS Unit	National Service Scheme Day	9	122
Blood donated at Government	NSS Unit	Blood donated at Government	Nil	5

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3.5 - Collaborations

3.5.1 - Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Internship Training	1. K. Brundhadevi 2.P Yagavi 3.M Sangeetha 4. R Sangeetha	self	5
Internship	"Prabhu S, DigilBiji George, HaarshBibin Koshy Kannan E, Noordeen Z, Rahul V R, Ajay P S, Akash T P, Amaljith J S, Arunkumar N "	Self	10
Internship	"AntonyJegastinS AshokM AshokkumarT ChandrasekaranC HariharanP Hemalatha.T.M JishnuS KanodeKrishnaBhujangrao KarthikeyanK MadhusoodhanAManjuladevi.M ManojB NandhakumarM NikilanR PrakashR PremnathM PriyadarshiniB PugazhendhiS RajeevMohan.K Rajeshkuma	Self	6

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3.5.2 - Linkages with institutions/industries for internship, on-the- job training, /project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship Training	Internship Training	Nandha Infotech	03/06/2019	07/06/2019	1. K. Brundhadevi 2.P Yagavi 3.M Sangeetha 4. R Sangeetha
Internship Training Programme	Internship Programme	Bharat Sanchar Nigam Limited	20/05/2019	01/06/2019	1. Hareesh G 2. Ajmal Hakkeem K
Internship	Internship	Air India Engineering Services Limited, Maintenance Training Organisation, Aiesl, Near Mascot Hotel, Palayam, Thiruvananthapuram -695033 Tel 91 471 2316091 email :mtotr@gmail.com	02/12/2019	23/12/2019	1.Ajay Kumar. P 2.Akash A 3.Naveen. N 4.Nitish. D 5.PandiSelvamani 6.Ramabhoopathi 7.Athithan S 8.Viswa U
Internship	Internship	Agni aero-sports adventure academy (AASAA) PVT.LTD. Jakkur Aerodrome, 12TH KM Bellary Road, Bangalore- 560064, INDIA TEL : 080-28565574, 28560060 FAX : 080-28566250 EMAIL :mail@agniaero.com	19/08/2019	10/09/2019	Mr. Amal Jo Abraham, Mr. Hafees Rahman NN, Mr. Jeba Samuel Arthar S, Mr. Mohamed Ashraf CP, Mr. Mohamed Azhar VV, Mr. SayanthSatheesan K, Mr. Sreenath AV, Mr. YaswanthSudhi

Internship	Industrial Exposure Training	Everest Industries Limited, Podanur P.O, Coimbatore-641 023	26/11/2019	24/12/2019	1.M.Nesamani 2.E.Gowtham 3.Y.Kisok Kumar
Internship	Internship	Adithya Cad Cam Pvt Ltd	02/09/2019	09/09/2019	Abish C, Ajay Suriya M, Ajith R, Deepan K G, Athul Krishnan A, HaarshBibin Koshy ,Manojkumar M
Internship	Internship	Adhavan Alloys	19/09/2019	30/09/2019	Prabhu S, DigilBiji George, HaarshBibin Koshy Kannan E, Noordeen Z, Rahul V R, Ajay P S, Akash T P, Amaljith J S, Arunkumar N
Internship	Internship	Twirltact Technology Solution Private Limited	21/10/2019	29/10/2019	Sabari Giri R Vaishnav M
Internship	Internship	Pantech Solutions, Ramarkoil Street, Coimbatore	11/05/2020	26/05/2020	Ranjith Kumar M,Raghul Prasad R, Anish Murali, Smrithi Sajan, Kokilaa C L, Yogitha S, Jose Plaise Dolin S, Chitra G
Internship	Internship	Adithya Cad Cam Pvt Ltd	20/12/2019	27/12/2019	Aby Philip Tom, Dhanabalan T, Hariraj D, Kathirvannan M, Rahul Shibi S A, Siva M, Velmanirajesh M, Yeswanth M, Sankaranarayan L, A Santhiya P

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3.5.3 - MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Leading Edge	12/07/2019	Workshops, Seminars, Internship, RD Projects, Industrial Training, Inplant Training	253
Global Illuminators, Sdn Bhd, Kuala Lumpur, Malaysia	06/03/2019	Workshops, Seminars, Internship, RD Projects, Industrial Training, Inplant Training	46
TISHK International University(TIU) KRG/ Iraq	15/07/2019	Workshops, Seminars, Internship, RD Projects, Industrial Training, Inplant Training	58

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CRITERION IV - INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
70	79.9

4.1.2 - Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Nil
Value of the equipment purchased during the year (rs. in lakhs)	Nil
Others	Nil
Classrooms with Wi-Fi OR LAN	Existing

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4.2 - Library as a Learning Resource

4.2.1 - Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Autolib software	Fully	5.0	2006

4.2.2 - Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	26497	9530712	244	127330	26741	9658042
Reference Books	1751	643500	140	70000	1891	713500
e-Books	3367	13500	7000	5900	10367	19400
Journals	198	260458	Nil	Nil	198	260458
e-Journals	3244	690010	Nil	Nil	3244	690010
Digital Database	2	Nil	Nil	Nil	2	Nil
CD & Video	Nil	Nil	Nil	Nil	Nil	Nil
Library Automation	Nil	Nil	Nil	Nil	Nil	Nil
Weeding (hard & soft)	Nil	Nil	Nil	Nil	Nil	Nil
Others (specify)	Nil	Nil	Nil	Nil	Nil	Nil

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4.2.3 - E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr.S.Selvam	e- learning materials	LMS	17/09/2019

Dr.A.Sivasamy	e- learning materials	LMS	05/10/2019
Mr.A.Nandagopal	e- learning materials	LMS	05/10/2019
Mr.G.Krishnakumar	e- learning materials	LMS	17/09/2019
Mr.M.Sethuraman	e- learning materials	LMS	17/09/2019
Mr.M.Balakrishnan	e- learning materials	LMS	17/09/2019
Dr.R.Deepa	e- learning materials	LMS	05/10/2019
Dr.B.R.Senthilkumar	e- learning materials	LMS	05/10/2019
Mr.I.M.Karthikeyan	e- learning materials	LMS	05/10/2019
Mrs.Jothimani	e- learning materials	LMS	05/10/2019

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4.3 - IT Infrastructure

4.3.1 - Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	592	15	54	15	549	7	36	54	161
Added	0	0	0	0	0	0	0	0	0
Total	592	15	54	15	549	7	36	54	161

4.3.2 - Bandwidth available of internet connection in the Institution (Leased line)

54 MBPS/ GBPS

4.3.3 - Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Teaching Learning Centre	http://nehrucolleges.org/center-teaching-learning.html

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
12000000	12577910	6000000	6225918

4.4.2 - Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Maintenance of the physical Infrastructure and Utilization: The maintenance and upkeep of the infrastructure facilities are carried out the surveillance of the campus supervisor. The campus supervisor keeps the records of Infrastructure maintenance. Separate faculties are associated with campus supervisor to monitor the facility and to collect the complaints if any. Maintenance of Computer: A separate computer maintenance team Centralized Computer Centre (CCC) is responsible which handles the departmental requirements. For every computer Centre, a Technician is recruited and a faculty member is made in-charge of the Centre. An exclusive department (CCC) with IT manager, one assistant system admin and 03 hardware engineers is functioning in the institute to cater to the needs of day-to- day computer maintenance. Maintenance of Lab Equipment: All the departments take care of timely maintenance of the laboratory equipment. Most of the maintenance work is completed during semester break and a close monitoring of maintenance activities is a prime responsibility of heads of the departments with concerned Lab incharge /Technician. Upkeep and maintenance: All departments shall strictly follow the laid down procedures and guidelines of the institute with regard to cleanliness and preventive and corrective maintenance of infrastructure. This shall include the following. Electrical Maintenance: Includes all electrical facilities in academic blocks, hostels Generator, Air conditioners, etc, Building Maintenance: NIET maintains a list of buildings to be maintained. The frequency of inspection is decided in consultation with Principal or any other Authority. Library: The Librarian, ably assisted by a team of supporting staff, looks after the maintenance of the library books, journals, periodicals, furniture, electronic equipment, computers and software. He co-ordinates with the campus supervisor to ensure that maintenance is done regularly. Sports Complex: The Sports Complex comprising different playing fields, track field, Indoor Stadium, Gym and Pavilion is regularly cleaned and well maintained by support staff. Regular mopping of the Indoor Stadium is done. Medical facilities: A separate dispensary room with a medical officer and a nurse is available on campus. College has a dynamic network with local hospitals which provide ambulance facilities in case of emergency and if required the patients are admitted in those hospitals. Rain Water Harvesting: Rain Water Harvesting is implemented throughout the campus and one Rain water harvesting well has been installed. Water Tank: The main overhead water tanks are to be cleaned at least once in six months. Testing of water sample is to be carried out before and after cleaning. The test report is submitted to the Principal or concerned in charge for review. Water coolers provided for drinking purpose are also to be periodically maintained (once in Six Months).

<https://nehrucolleges.org/NAAC/4.4.2.pdf>

CRITERION V - STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Nehru Vignyan /Single Parent/Sports scholarships	55	1250500
Financial Support from Other Sources			
a) National	Scholarships by Government	606	3972520
b) International	Nil	Nil	0

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5.1.2 - Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Yoga and Meditation	15/10/2019	238	MBA Department of NIET
Soft skill development	13/08/2019	102	Nehru Corporate Placements and Industry Relations (NCPIR)
Soft skills Training Programme	20/01/2020	44	Nehru Corporate Placements and Industry Relations (NCPIR)
Soft skills Training Programme	05/03/2020	54	Nehru Corporate Placements and Industry Relations (NCPIR)
Soft skills Training Programme	20/08/2019	54	Nehru Corporate Placements and Industry Relations (NCPIR)
Soft skill development	23/12/2019	60	Nehru Corporate Placements and Industry Relations (NCPIR)
Soft skills communication	05/08/2019	36	Nehru Corporate Placements and Industry Relations

(NCPIR)					
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5.1.3 - Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year					
Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	JOBS OF THE FUTURE	Nil	212	Nil	Nil
2019	Importance of GATE score for pursuing higher studies and jobs in MNCs related to Aeronautical and Aviation Industries	150	Nil	Nil	Nil
2019	How GATE Exam helps students in Future	60	Nil	Nil	Nil
2019	How to Crack GATE	59	Nil	Nil	56
2019	Importance of GATE	57	Nil	Nil	56
2019	How to crack Defence sector exams	35	Nil	Nil	21
2019	soft skill training	Nil	35	Nil	21
2019	Skill Development Programme	50	Nil	Nil	43
2019	Entrepreneur in Automation Industries	Nil	111	Nil	Nil
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5.1.4 - Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year					
Total grievances received		Number of grievances redressed		Avg. number of days for grievance redressal	
Nil		Nil		Nil	
5.2 - Student Progression					
5.2.1 - Details of campus placement during the year					
On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
ADITHYA BIRLA	3	1	Nil	Nil	Nil
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5.2.2 - Student progression to higher education in percentage during the year					
Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
Nil	1	BE	MECHATRONICS ENGINEERING	NATIONAL TAIPEI UNIVERSITY OF TECHNOLOGY, TAIWAN	MASTER PROGRAM IN ELECTRICAL ENGINEERING
2019	1	BE	MECHANICAL ENGINEERING	Otto von universitat magdeburg	MS Chemical and Energy Engineering
2019	1	BE	MECHANICAL ENGINEERING	PSG COLLEGE OF TECHNOLOGY	ME Product Design and Commerce
2019	1	BE	ELECTRICAL AND ELECTRONICS ENGINEERING	RAJAGIRI BUSINESS SCHOOL	PGDM C
2019	1	BE	ELECTRONICS AND COMMUNICATION ENGINEERING	GOVT COLLEGE OF ENGINEERING, CALICUT	ME SIGNAL PROCESSING
2019	1	BE	ELECTRONICS AND COMMUNICATION ENGINEERING	COLLEGE OF ENGINEERING, THALASSERY	ME SIGNAL PROCESSING
2019	1	BE	ELECTRONICS AND COMMUNICATION ENGINEERING	AMRITA SCHOOL OF BUSINESS, COIMBATORE	MASTER OF BUSINESS ADMINISTRATION
2019	2	BE	AERONAUTICAL ENGINEERING	KAUNAS UNIVERSITY	MS AERONAUTICAL ENGINEERING
2019	1	BE	AERONAUTICAL ENGINEERING	NEHRU INSTITUTE OF ENGINEERING AND TECHNOLOGY	ME AERONAUTICAL ENGINEERING
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5.2.3 - Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)					
Items		Number of students selected/ qualifying			
Any Other		2			
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5.2.4 - Sports and cultural activities / competitions organised at the institution level during the year					
Activity				Level	Number of Participants
ICCF-2019 /Flamless Cooking				national	8
Genesis2020/Solo dance				national	1
Confluence 2020				national	12
EXCELLENCIA2020- ADZAP				national	12
EXCELLENCIA2020- Treasure Hunt				national	9
Form-III Certificate issued to meritorious sportsmen for employment				national	4
National Football Championship for Santhosh Trophy				national	1
First place -Photography in the Cultural Fest 2k19				national	1
First place -Group Song in the Cultural Fest 2k19				national	4
THIRD Place in 10th sub junior, 2nd Youth National Drop Roball Championship 8th Federation Cup 2019				national	1
- 20					
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5.3 - Student Participation and Activities					

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

Year	Name of the award/medal	National/International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	National drop robball championship, federation cup 2019-20	National	1	Nil	721418114020	Bhuvaneswaran.S
2019	Indian Fitness Federation Deadlift Championship Power strong man 9 th place	National	1	Nil	721418114023	S.Janakiraman
2019	Indian Fitness Federation Benchpress champion Real strong man 8th place	National	1	Nil	721418114023	S.Janakiraman
2019	Indian Fitness Federation Benchpress champion Real strong man 8th place	National	1	Nil	721417114088	SubashSaravanan
2019	RVS Covai Ties-2020 Throw Ball Second Place	National	1	Nil	721419101034 721419101036	N. Dharani, A. Jasper Mellisha S. Dyana Bharathi, S. Nithyashree, Janani Durga Devi. M T. Jothika
2019	RVS Covai Ties-2020 Foot Ball First Place	National	1	Nil	721419101034 721419101036	N. Dharani, A. Jasper Mellisha S. Dyana Bharathi, S. Nithyashree, Janani Durga Devi. M T. Jothika
2019	10th sub junior,2nd Youth National Drop Roball Championship & 8th Federation Cup 2019 - 20-THIRD Place	National	1	Nil	721418106001	Ajay M
2019	Cultural Fest 2k19-First place	National	Nil	1	721417106714	Selina Vigneswaran Sangeetha Hariharan
2019	Cultural Fest 2k19-First place	National	Nil	1	721417106708	Mohammed Azarudeen
2019	Cultural Fest 2k19	National	Nil	1	721418106008	Chitra Kokilaa C L Smirithi Chandra Prakash Sankar

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5.3.2 - Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Nehru Institute of Engineering Technology encompasses various Committees for the prosperity of the students and provides opportunities to take part in the Administration as well as Departmental activities, and Co-Curricular activities. Class Representatives In every Academic year, a student is selected based on merit and interest to be the class representative. The role of the class representative is to bridge the gap between the class students and the Class Advisor and this inculcates leadership qualities in the students. Communication is made regarding the general necessities of the students as one-point contact. Class Committee For every class, the academic progress of each class is evaluated in frequent intervals. Few student representatives comprising Bright students and slow learners from each class along with the faculties handling the subjects form this committee. A faculty member not handling any subject to that class act as the Chairman. Department Associations In every Academic year, the students participate in the decision-making process of selecting activities to be organized by the department like seminars, workshops, guest lectures, value-added courses etc. through meetings. Each department has an association consisting of students nominated based on merit for President, Vice President, Secretary and Treasurer guided by a faculty member as an advisor to discuss and decide the meetings to be conducted. Student Council The college has an overall Student council. Each department will suggest a Student based on their academic performances who will be constituted in the Student Council every academic year. The Student council involves in the following activities: 1. Organizing College day and Avatar (National level intercollegiate meet) functions every year and functions like Celebrations of festivals namely Independence Day and Republic Day, Onam and Pongal effectively under the guidance of the convener and the faculty members. 2. Publishing College Magazine 'VISTA' during College Day Celebrations annually. 3. Dissemination of College / Department POS, PSOs, PEOs along with other relevant information for the students through student's handbook which is prepared with the help of student council members. 4. Organizing Sports Day from House formation to Team selection with the support of the student council advisor and the Physical Director. 5. Mediating between management and students to solve the general issues. 6. Extending support to principal office/department. 7. Giving feedback to the Principal for the smooth functioning of the events like college day, Graduation day, Symposiums, etc., 8. Students have representations in the Transportation Committee for the smooth operation of the Transportation Department of the college which has a fleet of 40 buses operating over a maximum radius of 70 km every day in both Tamilnadu and Kerala. 9. College follows an open system to all the activities and student members are nominated and freely suggest their grievances through grievance and redressal cell. 10. Women students have representation in the women empowerment cell and welfare committee of the college. Student members are taking part in various bodies like Library advisory committee (One student from every department), Grievance and Redressal Committee (one representative from each class), Academic Advisory Committee

5.4 - Alumni Engagement

5.4.1 - Whether the institution has registered Alumni Association?

Yes

NIET alumni connect The college has an alumni association in the name of alumni connect whose meeting is mostly organised in the college campus itself every year or sometimes off campus at hotel of major cities. The alumni meetings are discussing steps to be taken for the development of the college with regard to industry institution collaboration and job opportunities. These suggestions are conveyed to the college council through the Principal and necessary steps will be taken. The Alumni Association seeks to unite graduates with each other and current students through mentoring and career development programs, events and reunions and a range of volunteer opportunities. The alumni connect is conducted once in a year, where the alumni from different batches are discussing their views and give suggestions for the betterment of the junior students The alumni connect is organised by the alumni committee of the college and the alumni are honored. These meetings are mutually beneficial for the Institution and the alumni. This offers chances for the alumni to meet their friends and act as a bridge for the faculty to share their experience, knowledge and suggestions. The alumni are invited to the institution to deliver talks on career guidance and seminars for the students in their areas of expertise and motivate the young minds. Successful entrepreneurs from are invited to talk about their success stories with the budding engineers. The alumni also help the students of the college to get opportunities to undergo industrial visit or internship in their organizations or to assist them to get it through their references. They also help the students for getting placement in their organization and alumni connect meetings pave the way for the successful placements of the students. Students are a part of the institution after their graduation also. Keeping this in mind only Alumni Association is formed and it keeps track of past students' career growth. They are given link in the institution website to give constructive feedback and suggestions at any time from anywhere Moreover, the members of Alumni association often visit the institute and share their knowledge and experience with our staff and students. Knowledge and skill development programmes are conducted based on their suggestions given by them.

5.4.2 - No. of enrolled Alumni:

489

5.4.3 - Alumni contribution during the year (in Rupees) :

100000

5.4.4 - Meetings/activities organized by Alumni Association :

NIET alumni connect The college has an alumni association in the name of alumni connect whose meeting is mostly organised in the college campus itself every year or sometimes off campus at hotel of major cities. The alumni meetings are discussing steps to be taken for the development of the college with regard to industry institution collaboration and job

opportunities. These suggestions are conveyed to the college council through the Principal and necessary steps will be taken. The Alumni Association seeks to unite graduates with each other and current students through mentoring and career development programs, events and reunions and a range of volunteer opportunities. The alumni connect is conducted once in a year, where the alumni from different batches are discussing their views and give suggestions for the betterment of the junior students. The alumni connect is organised by the alumni committee of the college and the alumni are honored. These meetings are mutually beneficial for the Institution and the alumni. This offers chances for the alumni to meet their friends and act as a bridge for the faculty to share their experience, knowledge and suggestions. The alumni are invited to the institution to deliver talks on career guidance and seminars for the students in their areas of expertise and motivate the young minds. Successful entrepreneurs from are invited to talk about their success stories with the budding engineers. The alumni also help the students of the college to get opportunities to undergo industrial visit or internship in their organizations or to assist them to get it through their references. They also help the students for getting placement in their organization and alumni connect meetings pave the way for the successful placements of the students. Students are a part of the institution after their graduation also. Keeping this in mind only Alumni Association is formed and it keeps track of past students' career growth. They are given link in the institution website to give constructive feedback and suggestions at any time from anywhere. Moreover, the members of Alumni association often visit the institute and share their knowledge and experience with our staff and students. Knowledge and skill development programmes are conducted based on their suggestions given by them.

CRITERION VI - GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The institution defines the decentralization in working through delegation of authority. Personnel at different level implement the decisions. Top-level hierarchy is responsible for controlling and monitoring the entire institution. It includes the COE Secretary, Governing council 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. The faculty members are involved in various activities by the management through the Principal related to the development of the institution. The academic and administrative activities of the Institute are headed by Principal and also he forms various committees and assigns responsibilities. It includes Head of the Departments (HOD), Librarian, Physical Education Director who are executing institutional plans. It includes faculty, non-teaching staff and others help the middle level managers by coordinating the activities delegated to them. In all academic and non-academic activities, institution is following participative management for implementation of all its decisions. In accordance with the provisions of AICTE norms, Anna University rules and regulations the service rules are formulated by the governing body of the Institution. These service rules are implemented and the service rule book called "Service Book" which comprises of the following items under which the related rules are clearly mentioned. Duties and Responsibilities of Academic Staff are defined. The Professor, Associate Professor, Assistant Professor, Training Placement Officer, Librarian. The functions and responsibilities of the Governing Body and other committees are defined. The responsibilities of the Principal functions and Head of the Department, the teaching and non-teaching staff are defined. The terms and conditions of service of permanent employee rules of conduct for the employees of the Institute Classification, Leave Rules, Travelling Allowance Rules. The Rules regarding the deputation of faculty members are also well defined. The service rules book is available with the head of departments and Central Library and the information is kept well known to all the employees of the Institution. The objectives of the practice are to facilitate quick decision making related to academic and administrative activities at all levels, to involve the members of the faculty and administration at different levels to bring in participation responsibilities with accountability and ownership to ensure transparency in the administrative activities in timely follow up actions. Participative Management Implementation of E-Learning Resources as a participative management is implemented through the student council members who requested the council head that they need all the class notes, review questions, university questions, and lecture videos in the form of soft copy. The student council head requested Principal and subsequently a meeting was arranged and the need of E-Learning was discussed. In that meeting a decision was taken on creation of an E-Learning system (ELS) for the Institution. All committees are working effectively for the regular functioning of the institute. This administrative mechanism imparts participative management functions.

6.1.2 - Does the institution have a Management Information System (MIS)?

Yes

6.2 - Strategy Development and Deployment

6.2.1 - Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	The Admission Committee of our College, comprising our Principal and senior faculty members those who work in dedicated manner to ensure fair and hassle-free admission of students through TNEA counselling. With the entire admission procedure being online, the students feel convenient to monitor the process themselves. The college has been carrying out the students admission procedure with the use of ICampus software, where the online support for the same is provided by the institutions website in charge.
Industry Interaction / Collaboration	Our College is get connected in various corporate companies by way of enhancing placement opportunities for its student community as well as fine-tuning soft skills through placement training. The academic collaborations with industrial entities has enabled the prospective job opportunities for the students.
Human Resource Management	In centres of higher education, human resource management is a constantly evolving area of concern, but one of its most important aspects is the emphasis on providing faculty members with scope to grow and develop within their working space. The management always encouraged its faculty members to grow in the workplace, and this is achieved by encouraging new staff members to avail themselves of opportunities to attend professional orientation programmes. In-service teachers are also encouraged to attend refresher courses, FDPs and apply for major/minor research projects and their progress and achievements are duly put on record.
Library, ICT and Physical Infrastructure / Instrumentation	The Central Library PK DASS Knowledge Fort is functioning in a separate building. It is the repository of all the text book and reference books, journals, magazines for students and faculty members, It is utilized as an important component of dissemination of knowledge by students and faculty members. The college campus is enabled with free high speed internet and Wi-Fi facilities. The presence of ICT has facilitated teaching-learning and information transfer in classrooms. The college has smart classrooms, ICT-enabled classroom, WiFi and LAN facilities. There are ICT - enabled seminar halls as well. Apart from having a WIFI-enabled campus, we also have an academic library with electronic support, scanners, PC and laptops.
Research and Development	Our college ensures the quality of academic research which is reflected in the quality of classroom teaching. The academic research is helpful in addressing the industrial problems at large. Our college management encourages faculty members to present and publish research Papers, books and patents. Faculty members are supported to do their Ph.D. coursework. The college management supports the faculty members with assistance to organise seminars, Conferences and Faculty Development Programs.
Examination and Evaluation	The different departments of our college are required to equipour students according to theUniversity-prescribed syllabus and curriculum and examinations held according to the university-planned schedule. The pattern, type of questions, tutorial/practical sessions and assignments set by the college are in accordance with the norms prescribed by the university. The Choice Based Credit System has brought about radical changes in the syllabus as well as in theSystem of evaluation of the students. From the beginning of each semester, students have been informed to be aware of these changes, which now include evaluation on the basis of class and laboratory attendance, internal tests and assignments before the main examinations conducted by the University.
Teaching and Learning	Our college focuseson effective curriculum delivery through a well-planned and documented approach. The teaching and learning plans are based on an academic calendar. Using multimedia teaching aids and ICT complements the teaching-learning process. Special lectures and value added courses are organised, featuring faculty members and other academic and industrial experts from different institutions.
Curriculum	Curriculum development The college does not have the freedom to develop its own curriculum, since it is under

Development	Anna University, Chennai, whose centrally imposed syllabus is required to be followed by all affiliated colleges. But individual teachers of the college are, directly or indirectly part of the curriculum development process.
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6.2.2 - Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	The vision and mission statement of the institution is uploaded on the institutional website. Further development plans and strategies are also to be displayed on the website as and when required. For all Governing Council meetings, the minutes of meeting and resolutions by circulation are sent by email to GC members and also made available as hard copies for file management.
Administration	The icampus software provides the college authorities to exercise full supervision over all the functional/ service modules in the office. The Principal is in touch with teaching and non-teaching staff members, as well as with GC members, through email. Notices and other kinds of administrative information are uploaded in the college website. The college office is fully automated and equipped with 24/7 internet connectivity. A new biometric system to record attendance has been installed for the use of staff members. It is used to maintain to effectively monitor personal details, login details, staff attendance, leave structure and payroll of faculty. The icampus tool emphasizes to maintain staff leaves accurately and ensures accuracy in payroll calculation and reduces time for preparing worksheets. The staff can apply for leave and permission well in advance in this app even from home with proper alternate arrangements. The form is automatically sent to the respective Heads of departments for approval and finally the Principal sanctions the leave. It streamlines complete staff management process for efficient institutional working regarding attendance, salary and events.
Finance and Accounts	Tally software is being used in connection with the salaries of substantive staff members. The institution maintains accounts using the Tally software. 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 regularly 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.
Student Admission and Support	Our college has been carrying out the students admission procedure with the use of digital promotional activities. The online support for the same is effectively provided by the institutions website developer.
Examination	For the Anna University examinations, forms need to be filled online. Results are initially also displayed online. All faculty members who are examiners need to submit marks online on the university's password-protected portal. The faculty members who officiating as scrutineers use the university portal.

6.3 - Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Mr. Raghunayagan. P	Industrial Safety Engineering	Nill	300
2019	Mr. M. Mano Raja Paul,	International Conference on Automation, Signal Processing Instrumentation and control. VIT University, Vellore	Nill	1500
2019	Dr. A. Sivasamy	Industrial Safety Engineering	Nill	300
2019	Dr. M. Maheswaran	Industrial Safety Engineering	Nill	300
2019	Mr. Ravishankar. P	Industrial Safety Engineering	Nill	300
2019	Mr. Manivel. C	Industrial Safety Engineering	Nill	300
2019	Mr. Arunkumar. S	Industrial Safety Engineering	Nill	300
2020	Dr. A. Suresh	Workshop on Artificial Intelligence and Machine Learning using Python	Nill	300
2020	L Oblisamy	A Workshop on Insight Into GD T organised By Skill Lync	Nill	300
2019	S. Jenisha	First International Conference- Advances in Cybersecurity (ACeS) 2019 Nehru Institute of Engineering and Technology, Coimbatore Universiti Sains Malaysia, Penang . July 30 - Aug 1, 2019	Nill	15000

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6.3.2 - Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Technology based Teaching Learning systems	Nill	19/11/2019	23/11/2019	11	Nill
2019	Introduction to Ethical Hacking	Nill	16/10/2019	20/10/2019	46	Nill
2020	Emerging Technology in the area of Cloud Computing	Nill	03/02/2020	07/02/2020	59	Nill
2020	Micro services and its application in analytics and Cloud	Nill	16/03/2020	20/03/2020	35	Nill
2019	Circuit Design using Verilog HDL	Nill	13/06/2019	15/06/2019	15	Nill
2019	Nill	Introduction to inter personal skills	22/11/2019	22/11/2019	Nill	16
2020	Nill	Workshop on Ms-Office	20/02/2020	20/02/2020	Nill	18
2019	Nill	Computer Hardware debugging and Servicing	26/12/2019	28/12/2019	Nill	10
2019	Nill	Language development program: Strengthening the overall English	21/06/2019	26/06/2019	Nill	31
2019	Nill	Maintenance of Physics laboratory equipment	03/08/2019	03/08/2019	Nill	5

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6.3.3 - No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
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Industrial Safety Engineering	9	23/12/2019	27/12/2019	5
A Two days National Workshop on New Trends in Research and Modelling of Crystal growth and its energy applications	2	18/07/2019	19/07/2019	2
Faculty Development Program on NBA	1	13/05/2020	13/05/2020	1
Research Opportunities in Electrical Engineering and its Application	2	18/05/2019	23/05/2019	6
Impact of COVID 19 on Higher Education Institutions challenges and Responses	1	16/05/2019	22/05/2019	7
Novel Materials and Industrial Applications	1	13/05/2020	18/05/2020	6
Manufacturing and Analysis of Advanced Materials and Engineering Structures	3	26/05/2020	30/05/2020	5
Workshop on Data Analytics using R SkyFi Lab	3	27/05/2020	01/06/2020	5
Industry and Research Perspectives on advanced Wireless Technology	2	16/08/2019	21/08/2019	6
Circuit Design using Verilog HDL	15	13/06/2019	15/06/2019	3

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6.3.4 - Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
150	150	30	30

6.3.5 - Welfare schemes for

Teaching	Non-teaching	Students
Group Insurance coverage for all the teaching employees. Bus fees concession at the rate of 50 concession for all employees. Providing sponsorship for teaching faculties for higher studies. Recommendation and permission given by the institute to the employees for loan facility. Fees concession is provided to the wards of employees., Day Care Facility.	Group Insurance coverage for all the non teaching employees. Bus fees concession at the rate of 50 concession for all employees..Recommendation and permission given by the institute to the employees for loan facility. Fees concession is provided to the wards of employees	financial support , Medical, Insurance, Concession provided in fees

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly (with in 100 words each)

The income and expenditure statement is audited and validated by a Chartered Account at the end of every financial year. An internal and external auditing process are regularly carried out by the audit section of the institution headed by finance officer. This audit process is carried out by the professionally qualified and competent chartered accounts. There are no major discrepancies identified by the expert auditors so far. The external audit financial reports are regularly presented to Board of Governing council for the approval at the end of the financial year. A copy of audit statement is sent to AICTE regularly.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	0	0

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6.4.3 - Total corpus fund generated

00

6.5 - Internal Quality Assurance System

6.5.1 - Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Academic Expert, Nehru Institute of Technology	Yes	IQAC
Administrative	Yes	Nehru College of Educational and Charitable Trust Office	Yes	IQAC

6.5.2 - Activities and support from the Parent - Teacher Association (at least three)

(i) Feedback on Academics to meet the standard (ii) Vital role in Department Advisory Committee (iii) Support for students internships and field projects (iv) It provides a common forum for interaction of parents and teachers so as to improve academic standards maintain discipline and facilitate overall development of the college.

6.5.3 - Development programmes for support staff (at least three)

Maintenance of physics and chemistry laboratory equipment Language development programme: Strengthening the overall english Language development programme: Improving basic communication skills

6.5.4 - Post Accreditation initiative(s) (mention at least three)

IQAC motivates the faculty to adopt Innovative processes in Teaching and Learning process. These Innovative teaching approaches which are a combination of the traditional lecture method along with other methods helps the young minds to increase their learning capacity. The Institution library is well stocked with books, journals, and back volumes, projects including e-books and e-journals, text books, reference books. Conduct of Assignments, tutorials, Class room tests and Group discussions on Case studies. Conduct of Placement, soft skill trainings and counselling activities as a part of regular timetable which helps students to acquire potentials to mould them according to their future goals and ambitions. Conduct of Sports and games to students to make them strong physically and mentally which indirectly helps to improve the learning skills. Conduct of add on courses to acquire additional knowledge. Establishing MOUS with industry and academia to conduct certification programmes which helps the students to bridge the gap between the industry requirements and curriculum. To impart social responsibility, activities are conducted regularly through NSS, YRC and RRC to learn the social ethics and culture. Quick access to the learning material like hosting of the PPTs, video lectures and course material on Content Management System (CMS) -a software package designed to help educators easily create quality online courses helps students to learn the concepts at their convenient time. Using this, we can maintain and sharing all the course contents, video lessons for all subjects of the semester. The project development skills in students can be improved by preparing proper screening schedules by the project committee for reviews, submission of the weekly / monthly /semester end reports. After each review, necessary guidelines are provided to the students. Through Organizing Industrial/Educational tours and visits to various companies, industries help students to gain real experience about the outside world. • Conduct of remedial /backlog classes and special classes for slow learners so as to improve the learning skills of the student • To teach content beyond the syllabus in all the technical subjects. • Lifelong learning skills and interest in research activities can be developed in students through Eminent Scientists and experts lectures. • To encourage Peer teaching to enable students to attain self learning skills • Real-time projects can be assigned to the advanced learners. • Question paper setting based on Blooms Taxonomy Level is initiated. • Regular conduct of Energy Audit, Green Audit, Environment Audit as part of a green initiative • Support innovative ideas of budding students and create Entrepreneurial mindset and commercially viable business ventures through Newgen IEDC and NGI TBI.

6.5.5 - Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
c) ISO certification	Yes
d) NBA or any other quality audit	Yes

6.5.6 - Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	BEC Course MoU and Training for faculty	19/12/2019	19/12/2019	19/12/2019	15
2019	NOBLE Outbound Training for Trainers	18/12/2019	18/12/2019	19/12/2019	15
2019	Faculty development program on Awareness on assessment and Accreditation process	04/11/2019	04/11/2019	08/11/2019	108
2019	Revised NAAC orientation programme	13/11/2019	13/11/2019	13/11/2019	108
2019	Engineers Day Celebration	18/09/2019	18/09/2019	18/09/2019	220
2019	Bridge course inauguration	15/07/2019	15/07/2019	31/07/2019	350
2019	Inauguration of Credentia 2019 Motivational Seminar on Positive thinking Effective Leadership	15/07/2019	15/07/2019	15/07/2019	150
2019	Language development programme: Strengthening the overall english	26/06/2019	26/06/2019	26/06/2019	31
2020	Eye check up- camp sankara eye (NSS,YRC,RRRC, Rotaract club)	07/02/2020	07/02/2020	07/02/2020	150

[View File](#)**CRITERION VII - INSTITUTIONAL VALUES AND BEST PRACTICES****7.1 - Institutional Values and Social Responsibilities****7.1.1 - Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)**

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Gender Equity In Health Nutrition	21/08/2019	21/08/2019	90	80
International Women's Day	10/03/2020	10/03/2020	105	Nil
Security Of Women In Society	19/02/2020	19/02/2020	85	Nil

7.1.2 - Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Nil

7.1.3 - Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Provision for lift	Yes	1
Ramp/Rails	Yes	1
Braille Software/facilities	Yes	Nil
Rest Rooms	Yes	1
Scribes for examination	Yes	1
Special skill development for differently abled students	Yes	1
Any other similar facility	Yes	1

7.1.4 - Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	Nil	21/07/2019	01	How to Crack GATE	Workshop	64
2019	1	1	26/07/2019	01	CSIR sponsored One Day National Level Seminar on "Renewable and Sustainable Energy Inception Storage Devices using Nanomaterials	National level seminar	180
2019	1	Nil	12/07/2019	01	One day seminar on 'Unmanned Aerial Vehicle'	Seminar	268
2019	1	Nil	07/08/2019	01	Audio Signal Processing	Workshop	65
2019	1	Nil	08/08/2019	01	Industrial Robot 4.0 and Automation	Seminar	64
2019	1	Nil	20/08/2019	01	IOT	Workshop	120
2019	1	Nil	18/09/2019	01	Engineers' Day Celebration	Engineers' Day Celebration	220
2019	1	Nil	03/10/2019	01	Embedded System	Seminar	120
2019	1	Nil	18/11/2019	01	Seminar on Air Accident Investigation	Seminar	110
2020	1	Nil	21/02/2020	01	National level symposium	Symposium	135

[View File](#)**7.1.5 - Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders**

Title	Date of publication	Follow up(max 100 words)
BA 5105 - Organizational Behaviour (R 2017 MBA)	16/07/2019	Organizational behaviour and its contribution have been discussed. This book helps the readers in developing their personality, interpersonal skills, and organizational skills.
GE8076 - Professional Ethics in Engineering [R 2017-BE] Ethics and The conduct of Business	24/10/2019	Knowledge on employment rights and human rights and also the students will gain the knowledge on organizational behaviour, Health safety will come to know about the ethics in world business.
GE8391 - Text book of Environmental studies for	07/10/2019	Designed for the courses related to Environmental Science and Engineering, this text provides an in-depth analysis of the fundamental concepts. It covers discussion about

Undergraduate courses (R 2017 BE B.Tech)		natural resources, disaster management, biodiversity, and various forms of pollution, environmental impact assessment and environmental protection.
BA7402 - Business Ethics, Corporate Social Responsibility and Governance[R2013] - BE	16/12/2019	This textbook covers the syllabus of the paper titled Business Ethics and Corporate Social Responsibility.

7.1.6 - Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Blood Stem Cells Awareness Program	20/02/2020	20/02/2020	86
Dengue Awareness program 2019	03/07/2019	03/07/2019	65
73rd Independence Day 2019 program	15/08/2019	15/08/2019	103
Blood donation camp Associated with Shanthi Gears	25/10/2019	25/10/2019	270
Yoga Session	15/10/2019	15/10/2019	238
AIDS Awareness program at ASSISSI SNEHALAYA	03/12/2019	03/12/2019	80
Blood donation at Coimbatore Medical College	22/01/2020	22/01/2020	5
Republic Day Function 2020	26/01/2020	26/01/2020	92
Corona Awareness Program	10/02/2020	10/02/2020	100
National Webinar on - "Ethics and Values in Engineering"	17/04/2020	17/04/2020	70

[View File](#)

7.1.7 - Initiatives taken by the institution to make the campus eco-friendly (at least five)

• Energy audit and Environmental audit were done regularly • No Hazardous wastes are generated inside the campus • Plastic Bann campus • The institution inspires inhabitants to remain eco-friendly through its campus • Conscious efforts have been taken to enhance and nurture the eco-friendly environment on the campus by monitoring and assessing the green environment on the campus regularly through Nature club and NSS • Pedestrian friendly pathways • Paper Free Office initiatives - Sharing documents using official emails and other electronic Medias • Usage of alternate sources of energy like Solar Panel, solar street lights, LED bulbs, Biogas plant has been practiced to reduce the consumption of non-renewable energy resources inside the campus • Rain Water Harvesting System - The Institution has installed various rain water harvesting structures in order to increase the water table, as a part of conservation and preservation of natural resources • Many activities has been regularly organized by Nature club, NSS, YRC/RRC clubs of institution.

7.2 - Best Practices

7.2.1 - Describe at least two institutional best practices

BEST PRACTICE - 1 Student Council Goals A student council is a group of students from each department who have been democratically elected. Each student council member plays a specific role in the council, the members of the group work together to plan activities, confront resolve problems, build leadership skills through the implementation of beneficial activities during the Institute Academic Year. Objectives • Give voice that enables to participate actively in Academics as well sports and other related activities • Encourage to exhibit activism, volunteerism and exploration in the college environment • Develop the time managing planning skills to build self- confidence improve Academic performance Duties and Responsibilities • Plan various activities for the Institution • Maintain order and discipline in and around the college campus • Participate in solving problems that occur among the students, with the supervision of the class Advisors • Organize the participation in college broadcast program in all the contest, tournaments college activities • Offer help aid to students in the college who are in need by raising awareness of their situation • Organize activities that meet the needs of students with the goal of strengthening the role of students within the Institution • Raise awareness among the students to respect the general rules policies of the institution • Provide supervision and guidance to class representative to improve the execution of their activities • Hold regular meetings of the student council record the events of the meetings in the minutes • Document and file all the action plans activities of the student council • Perform the work of the student council by utilizing best practices • Confront the challenges facing youth social issues within the college local community

BEST PRACTICE - 2 Nehru Corporate Placements and Industry Relations Goal • To work as a bridging partners in continuous engagement of industry and institution • Initiate and facilitate the communications between the industry and academia • Identify and bring in international linkages at multiple levels of engagement such as education, training and placements

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

Practice • NCPIR continuously interacts with the corporate and students for their final placements. Nearly 150 reputed national and multinational companies visit NGI to recruit the students every year • NCPIR initiates and conducts Faculty Development Programme and Executive Development Programme • It provides incubation center for necessary infrastructure and knowledge facility for budding entrepreneurs • It also initiates corporate consultancy with industry and academics. NCPIR also has a complete • software development facility within the department

Evidence of Success By organizing the Industry Exposure programs, students are exposed to industrial expectations to focus on the real time skill set. Performance is improved by 30 in placement. Increase in participation of students in attending internship in various Industries. Industries have come forward to offer In plant Training, Industrial Visits/Projects with our continuous efforts. More industry participation is arranged in Industry Explorer program. More online courses (industrial skill) registered by students and staff. More number of funds received from agencies for student projects. Students are encouraged to take up industrial projects. Innovative projects are identified and applied for IPR. Enhancement of problem solving skill to face the challenges associated with carrying out Investigation. Students are encouraged to participate in design contests. Industrial expo has created the avenues to interact with HR's.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://www.nehrucolleges.org/best-practices.html>

7.3 - Institutional Distinctiveness

7.3.1 - Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

OBJECTIVE The main objective of using Content Management System (CMS) software is to create and manage digital content. This software can be accessed from mobile phones, tablets as well as from the personal computers. The students can use it like virtual class, they can read and download lecture notes, question banks and reference books. Even they can view the placement, alumni details and watch final year project videos, lecture videos etc., This software was implemented in short time with the motivation of the Principal who formed the CMS team and allotted the responsibilities to the coordinators. It was a team effort of Nehru Institute of Engineering and Technology. During the process of development of the features of the CMS, suggestions and feedbacks were collected from the students through the student council members. It was suggested that it will be more useful if they were able to access the content from their mobile phones from anywhere, at any time. The CMS committee took up this suggestion very seriously and developed CMS app and it was released on 10th February 2017. At the earlier stages this CMS App was available to be accessed by anybody, as a public portfolio, later it was suggested that the CMS portal should include the authentication features and there after students were able to access the CMS App by using their personal mail id's. The CMS committee was formed where the members were selected from all the departments. The overall CMS coordinator trained all the committee members about how to upload the contents into the CMS portal. They disseminated it to their respective departments. Later awareness programmes were organized to the faculty members and students as well. At that point of time the content was limited to the pdf books and accessing the facility had certain limitations. And again as per the suggestions from the student council members the final year project abstract and videos are included in CMS APP. As per their suggestions many training sessions were provided to the CMS coordinators representing each department so as to how

<p>to upload the project content in the college cloud space. Google classroom training sessions were organized for the faculty members. Also a faculty development programme was organized on the topic "Integrating ICT and CMS App into teaching and learning" in order to familiarize the faculty members with the features of the App. The purpose of the faculty development programme was to implement ICT tools for teaching learning process and to enhance the teaching and learning methodology. Another equally important aspect of content management involves the creation, maintenance, and application of review standards. Each member of the content creation and review process has a unique role and set of responsibilities in the development or publication of the content. ADVANTAGES • Information's are easily accessible by all authorized users with official mail id, thus teamwork is enabled • Students can view information and data via web-browser and android app rather than maintaining physical documents • This software help students</p>
<p>Provide the weblink of the institution</p>
<p>https://nietcms.nehrucolleges.com/</p>
<p>8.Future Plans of Actions for Next Academic Year</p>
<p>No data enetered!!!</p>