

## Yearly Status Report - 2019-2020

Part A

### Data of the Institution

1. Name of the Institution

NARASU'S SARATHY INSTITUTE OF  
TECHNOLOGY

Name of the head of the Institution	Dr.V.MUNUSAMI
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04290-249661
Mobile no.	9344972274
Registered Email	nsitiqac@gmail.com
Alternate Email	principal@nsit.edu.in
Address	Poosaripatty(Po), Kadayampatty Taluk, Salem(Dt), Tamil Nadu Pin-636305
City/Town	POOSARIPATTY / SALEM
State/UT	Tamil Nadu
Pincode	636305

## 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.K.Arutselvan
Phone no/Alternate Phone no.	09790229369
Mobile no.	8248063926
Registered Email	arutselvank@gmail.com
Alternate Email	principal@nsit.edu.in

## 3. Website Address

Web-link of the AQAR: (Previous Academic Year)	<a href="https://www.nsit.edu.in/IOAC/AQAR.aspx">https://www.nsit.edu.in/IOAC/AQAR.aspx</a>
<b>4. Whether Academic Calendar prepared during the year</b>	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="https://www.nsit.edu.in/nsitAcademicSch edule.aspx">https://www.nsit.edu.in/nsitAcademicSch edule.aspx</a>

#### 5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.48	2019	18-Oct-2019	17-Oct-2024

#### 6. Date of Establishment of IQAC

14-Sep-2016

#### 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
IQAC Meetings	03-Jun-2019 1	87
Internal Academic Audit	29-May-2020 2	92
Process audit conducted by Dr.M.Senthil	17-Feb-2020 1	118
Pedagogy Training Programme	12-Aug-2021 1	76
Induction Programme for fresher's	30-Aug-2019 2	120
<a href="#">View File</a>		

#### 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
Department	Seminar	TNSCST	2019 1	15000
Department	Seminar	ICSSR	2019 1	40000
Department	Seminar	CSIR	2019 1	40000

[View File](#)

**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 :**

4

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)**

Revenue generation through Funding Agency. Train the students in new technology as per industry requirement. Soft Skill Development for improving students skills by placement Team. keep campus ecofriendly. Linkages with Institutions/Industries.

[View File](#)

**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	Achivements/Outcomes
To conduct academic audit for all programs for each semester	The external and internal academic audits for all programmes was conducted for both the semesters
To implement a customised student training in new technology areas currently used in industry	The pedagogy programmes were conducted for all categories of faculty to help them refresh their teacher skills from time to time
To motivate faculty to continue their research through attractive incentives for publication of papers / books in reputed journals	An incentive for publications had been announced
AISHE	AISHE details were submitted
As per the plan, number of visits to nearby industries to popularize the expertise available in the institution-	Number of visits to nearby industries to popularize the expertise available in the institution Completed -Twenty
Twenty Five	

AICTE Funding Proposal Submission	five funding proposals were submitted through AICTE web portal
Conduct of Seminars/workshops/conferences - planned (fifteen)	Seminars/workshops/conferences - completed (Ten)
NAAC Accreditation	NSIT received B grade in NAAC accreditation (I Cycle )
<a href="#">View File</a>	

<b>14. Whether AQAR was placed before statutory body ?</b>	Yes
--	-----

Name of Statutory Body	Meeting Date
IQAC	24-May-2021

<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	Yes
--	-----

Date of Visit	11-Sep-2019
---------------	-------------

<b>16. Whether institutional data submitted to AISHE:</b>	Yes
---	-----

Year of Submission	2020
--------------------	------

Date of Submission	08-Feb-2020
--------------------	-------------

<b>17. Does the Institution have Management Information System ?</b>	Yes
--	-----

If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	Our College operates with Management Information System (ERPPALPAP Inspro Plus) Software for the smooth functioning of the management and to disseminate information to different stakeholders. Online registration by students during admissions has helped us create an accessible student database. The system also helps save time and the whole process reduces paper usage. ERP is also used in the following areas 1.Content delivery through conventional Chalk and Talk, Tutorial, Practical Session, power point presentation and ICT enabled techniques. 2. Institution implemented eGovernance in the area of administration, students support and examination. 3. Evaluation methods are monitored with partially automated
---	--

software for documentation, comparison and analysis. 4. Class Management and Attendance are also monitored by ERP software . Based on the analysis, we look for alternative solutions for the betterment of institute growth. ERP software enables Institution to generate automated reports on all aspects of administration and academics. All staff members use google drive and FTP to share and view documents. Online web portal facility is also available at our Institute to facilitate student related issues like payment of college fees, applying scholarships, downloading Hall tickets etc. Students can enroll and register their elective courses and value added courses online for each semester. Web portal facility with high internet speed (50Mbps) is available for faculty members to make entries of both attendance and internal assessment marks in the university website. Purchase of equipment's and Goods are done through e procurement process. Fully automated library with ILMS software and DELNET facility is available for staff and students to view online journals.

## 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

**Academic Calendar :** The Academic calendar is framed in the beginning of every academic year with the help of academic plan issued by the University. Department planner will be prepared by the HODs in consultation with faculty. It includes centralized internal Assessment test schedule, tentative university examination schedule and the department and Institution level co-curricular and extra-curricular activities. **Subject Allocation :** Subject allotment is done based on faculty member's specialization, their previous experience and results produced in University exams. The HOD has a discussion with faculty regarding teaching methodologies and time frame for completing each unit. Based on this, Course file is prepared by faculty members. **Time Table :** Each class Time table is framed by providing time for regular academic & Training hours along with Placement Training, club activities, Certification courses and library hours. In addition special coaching classes will be conducted for slow learners. **Mentoring:** To provide guidance to students and to strengthen the students' capability towards achieving their goals, each faculty is assigned as mentor for 10 students. The mentors have counseling sessions with their mentees to discuss the problems faced within and beyond academics. **Course Content Delivery & Teaching Learning Process:** Effective course delivery, classroom handling methodology and syllabus completion by individual faculty is monitored

periodically by respective HODs. In addition extra classes are also arranged for industry relevant topics by each department. The faculty are encouraged to make use of innovative ICT tools in the class room. Periodic feedback is received from students through class committee meeting and corrective measures are taken. Internal Assessment Process: For each course, three Internal Assessment Tests are conducted per semester. At the completion of every 2 units, one Internal Assessment Test is conducted to monitor the level of learning and the performance of the students. Slow learners are identified and separate remedial coaching is conducted for those students in scheduled manner after proper counseling. The advanced learners are encouraged to participate in competitions, additional courses etc. Experiential Learning: Guest lecturers, Industrial visits, industry interaction meetings, hands on training and various technical training programmes are organized with experienced resource persons to enhance the curricular inputs and to meet the challenges in emerging technical environment. The content is selected to make the students are industry ready and tune them to be employable engineers. Documentation: The institution follows a very transparent documentation process for both academics and other staff and student related activities. Students attendance is marked every hour by individual teachers and overall attendance is maintained by the Class in Charge faculty. The internal marks as entered in University website is filed regularly. The on duty and absenteeism by staff and students are also noted. The request letters for on duty and leave is filed. Staff and Students who attend events, competitions, symposiums, seminars, conferences and workshops in other colleges submit copies of certificates and attendance.

#### 1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Project Management In Primavera	Nil	29/07/2019	5	Employability	Technical Skill
Vastu For Building Plan And Construction	Nil	09/09/2019	5	Entrepreneurship	Technical Skill
Model Generation Static Analysis Of Structures	Nil	27/01/2020	8	Employability	Technical Skills
Machine Learning Using Python	Nil	25/01/2020	8	Entrepreneurship	Technical Skills
Data Science And Big Data Analytics	Nil	25/01/2020	8	Employability	Technical Skills
R- Programming	Nil	12/07/2019	8	Employability	Technical Skills
Fundamentals of MATLAB	Nil	10/06/2019	10	Entrepreneurship	Technical Skills
Embedded	Nil	02/08/2019	10	Entrepreneurship	Technical

Programming For PIC Microcontroller				urship	Skills
System Design Using FPGA	Nil	31/12/2020	10	Employability	Technical Skills
Image Processing Algorithms And Applications	Nil	02/03/2020	10	Employability	Technical Skills
Technological Interventions Using Wireless Communications	Nil	24/06/2019	5	Employability	Technical Skills
IOT And Lorawan Technology Using Arduino	Nil	29/07/2019	5	Employability	Technical Skills
Data Analytics For Smart Grid Technology	Nil	16/12/2019	5	Employability	Technical Skills
Advances In Electric Vehicles	Nil	17/02/2020	5	Entrepreneurship	Technical Skills
AUTOCAD	Nil	08/07/2019	9	Entrepreneurship	Technical Skills
CREO,A 3d Modeling Course	Nil	05/08/2019	12	Entrepreneurship	Technical Skills
ANSYS	Nil	10/10/2019	10	Entrepreneurship	Technical Skills
Solid Works	Nil	10/12/2019	10	Entrepreneurship	Technical Skills

## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	Civil Engineering	03/06/2019
BE	Civil Engineering	02/12/2019
BE	Computer Science Engineering	03/06/2019
BE	Computer Science Engineering	02/12/2019
BE	Mechanical Engineering	03/06/2019
BE	Mechanical Engineering	02/12/2019



BE	Electronics and Communication Engineering	03/06/2019
BE	Electronics and Communication Engineering	02/12/2019
BE	Electrical and Electronics Engineering	03/06/2019
BE	Electrical and Electronics Engineering	02/12/2019
<a href="#">View File</a>		

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	Civil Engineering	03/06/2019
BE	Computer Science Engineering	03/06/2019
BE	Electronics and Communication Engineering	03/06/2019
BE	Electrical and Electronics Engineering	03/06/2019
BE	Mechanical Engineering	03/06/2019
BTech	Information Technology	03/06/2019
ME	Computer Science Engineering	03/06/2019
ME	Computer Science Engineering	02/12/2019
ME	VLSI	03/06/2019
ME	VLSI	02/12/2019

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

	Certificate	Diploma Course
Number of Students	587	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
Tree Sapling and Water Conservation Campaign Awareness Programme	31/07/2019	104
MAC Outreach Programme	20/01/2020	500
Plastic Waste Awareness and Management	11/09/2019	90
Awareness Programme On Corona virus	06/03/2020	250
<a href="#">View File</a>		

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	Civil Engineering	39
BE	Computer Science Engineering	100
BE	Electronics and Communication Engineering	88
BE	Electrical and Electronics Engineering	85
BE	Mechanical Engineering	120
BTech	Information Technology	10
ME	Computer Science Engineering	4
ME	VLSI Design	2
<a href="#">View File</a>		

## 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
<p>We at Narasu's Sarathy Institute of Technology, get student's feedback for each course/semester during and at the end of the each semester. In addition, the feedback on teaching learning methods is obtained through Course completion survey and exit surveys from graduated students. Both Course outcome and staff evaluation are periodically through the students' feedback. Staff evaluation reports, students' feedback reports, staff self-appraisal reports and stakeholders feedback are discussed and corrective measures are taken. Industry experts' and recognized academicians of other renowned institutions are consulted for best academic practices. Employer surveys are conducted to gain feedback on alumni and measure their employee engagement, morale and performance. Alumni and Parents surveys are obtained through a questionnaire during parent, teachers meetings and their suggestions are taken into account for the overall improvement. Curriculum feedback is obtained online annually through a well-structured questionnaire to Students, Teachers, Employers, Alumni and Parents. The collected feedback is analyzed statistically and data is compiled both at Department and Institutional level. The feedback regarding the curriculum are taken from final year students which will be analyzed at departmental level. On the basis of their suggestions to enrich the curriculum delivery, various certificate and short term courses, seminars, conference, workshops, guest lectures, lecture series, project exhibitions are conducted. This helps them in performing to their maximum potential. Students are also given on duty for field /Industrial visits to bridge the gap between academics and industry. Teacher's feedback regarding the curriculum is also examined at Departmental level. It is compiled and communicated to the BOS members and</p>

syllabus revision committee members of the University by mail or during meetings. Alumni feedback is collected and facilitated every year. Industry institute interaction, industrial visits, guest lectures by industry experts and Interactions with eminent alumni members are arranged on regular basis.

## 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
BE	Civil Engineering	60	39	9
BE	Computer Science Engineering	120	83	43
BE	Electrical and Electronics Engineering	60	40	20
BE	Electronics and Communication Engineering	120	70	30
BE	Mechanical Engineering	120	54	14
BTech	Information Technology	30	21	11
ME	Computer Science Engineering	24	12	2
ME	VLSI	24	11	1

[View File](#)

### 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	692	12	131	4	7

### 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	Numberof smart classrooms	E-resources and techniques used
131	131	4	24	2	5

[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)

In NSIT, during their course of study, students often need mentoring, guidance and counseling from a senior person. To cater this purpose a student should have the same mentor all through his/her academic journey. A similar system as mentioned above, a Class Counselor is assigned for each class. The system of mentorship, is practiced diligently to immensely contribute to the improvement of the overall academic quality. The students are greatly benefited by continuous expert guidance. Each faculty is the mentor for a group of 10 to 15 students. First year students will have mentors from the Department of Science and Humanities while second, third and fourth year students will have mentors from their respective Departments. Department faculty members will continue to be mentors for the same group of students till the completion of their programme. The objectives of the practice followed by the institute are as follows: • Monitoring the student's discipline and regularity in attendance • Facilitate sharing of information with parents about their wards performance • Improve teacher-student understanding by counseling students • To instill confidence and encourage them to perform better • To maintain a brief, but clear record of all discussions with students • To Identify their strengths and help them build their career based on their aspirations • To identify their weaknesses and assist them accordingly • To identify opportunities for good placement and to train him/her to develop their required soft skills, moral values etc. • The mentoring process is reviewed by the respective Department Heads and Principal periodically.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
704	131	1:5

## 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
131	131	Nil	7	5

### 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	S. Alaudeen Basha	Assistant Professor	Sri Aurobindo Society
2019	M. Prakash Kumar	Assistant Professor	Tamilnadu state council for science and technology

[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	114	8 / IV	27/03/2020	13/11/2020
BE	105	7 / IV	19/10/2019	29/01/2020
BE	106	6 / III	27/03/2020	13/11/2020

BE	106	5 / III	19/10/2019	29/01/2020
BE	104	4 / II	27/03/2020	13/11/2020
BE	104	3 / II	19/10/2019	29/01/2020
BE	103	2 / I	24/04/2020	13/10/2020
BE	103	1 / I	20/11/2019	05/03/2020

[View File](#)

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

Each course is evaluated in two parts: Internal Assessment test (IAT) and External or End-Semester Assessment. As a part of assessment, three internal tests are conducted. The schedules of internal assessments are communicated to students and faculty in the beginning of the semester through Institute Academic Calendar which is prepared based on the University Semester Planner. The internal exam time table is displayed on the notice board a week in advance. Exam question papers are framed to adhere to University standard Pattern. There are 5 Course Outcomes(COs) for each subject. The first internal test question paper is prepared to cover the first two COs, second internal test covers the next two Cos and the third internal test covers the final CO. The subject handling faculty prepare a question bank that has equal number of questions from each unit, covering all the topics. The Department Internal Exam coordinator, under the guidance of the HOD, checks the standard of the question bank.

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

In the beginning of the academic session, the students are apprised about academic calendar and the same is uploaded on college website and displayed on notice boards at strategic locations. Only the Head of the Institution can incorporate minor changes in the academic calendar which he may deem fit due to unforeseen circumstances. The Schedule for all the Examinations is given in the academic calendar. The course teachers brief the students about their syllabus and exhibit question bank for Internal Assessment tests and Model Exam based on the academic calendar. In view of the students' performance and interests in certain topics students' assignment are given periodically. Examination schedule is announced and displayed in advance by Vice Principal. Internal assessment marks are shared the students as per the schedule given in 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)

[https://www.nsit.edu.in/files/naac/nsit\\_PO\\_CO.pdf](https://www.nsit.edu.in/files/naac/nsit_PO_CO.pdf)

#### 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
419	ME	VLSI	5	5	100
405	ME	COMPUTER SCIENCE AND ENGINEERING	4	4	100

103	BE	CIVIL ENGINEERING	17	17	100
104	BE	COMPUTER SCIENCE AND ENGINEERING	36	21	58
105	BE	ELECTRICAL AND ELECTRONICS ENGINEERING	24	24	100
106	BE	ELECTRONICS AND COMMUNIC ATION ENGINEERING	24	23	96
114	BE	MECHANICAL ENGINEERING	48	48	100
205	BE	INFORMATION TECHNOLOGY	7	5	71
<a href="#">View File</a>					

## 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)

<https://www.nsit.edu.in/NAAC/nsitNAACStudSatis201920.aspx>

## 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
Industry sponsored Projects	365	FORD INDIA PRIVATE LIMITED	11.85	11.85
Any Other (Specify)	1	Indian Council of Social Science Research	0.4	0.4
Any Other (Specify)	1	Council of Scientific and Industrial Research	0.4	0.4
Any Other (Specify)	1	Tamilnadu State Council for Science and Technology	0.15	0.15
Students Research Projects (Other than compulsory by the	180	Tamilnadu State Council for Science and Technology	0.29	0.29

University)

[View File](#)

### 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
Webinar on IPR: Patents and Drafting Techniques	Mechanical Engineering	20/06/2020
Research Methodology - Seminar on Smart Automation and Artificial Intelligence	Electronics and Communication Engineering	14/02/2020
Research Methodology -Workshop on Machine Learning Techniques using Python	Computer Science and Engineering	13/02/2020
Entrepreneurship Seminar on Startups SKY ALPHA EXPORTS - Startup Inaugural	Entrepreneurship Development Cell	31/01/2020
Youth and Social Entrepreneurial Midset Workshop conducted by TQI.	Entrepreneurship Development Cell	24/01/2020
Entrepreneurship Awareness seminar on startups First Startup Inauguration (DUCKSTACKS TECHNOLOGIES)	Entrepreneurship Development Cell	08/01/2020
Research Methodology -Workshop on Utilization of Waste Plastic in Manufacturing of Bricks Along With Quarry Dust M-Sand	Civil Engineering	12/12/2019
Research Methodology-Guest Lecture on Data Analytics	Computer Science and Engineering	24/10/2019
Research Methodology -Seminar on Special Scheme for Farmers for the Installation of Solar Pumps and Grids funded by Indian Council of Social Science Research	Electrical and Electronics Engineering	18/10/2019
Research Methodology -Seminar on Towards Hazards Free Health Monitors (Bio-WiTel) funded by Council of Scientific and Industrial Research	Mechanical Engineering	27/09/2019

Research Methodology- Seminar on "Seismic Design of the structure"	Civil Engineering	04/09/2019
A One Day Womens Entrepreneurship Awareness Camp sponsored by Salem Productivity Council	Entrepreneurship Development Cell	26/07/2019
Research Methodology - Workshop on Digital Graphics and 3D Animation	Computer Science and Engineering	24/07/2019
Research Methodology -Seminar on Nanotech based sensor to car crash Detection	Mechanical Engineering	23/10/2019

### 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
Best Model Project Award	M. Prakash Kumar , T. Bhuvaneswari, V.Prema, L.Soundaraju, K.Iyanarapan	Tamilnadu state council for science and technology	20/07/2019	Best Model Project Award
Zero investment innovation for education initiatives	S.Alaudeen Basha	Sri Aurobindo Society	30/09/2019	Teacher Innovation Award

[View File](#)

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

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
NSIT- Incubation Center	Jayaprakash	Narasus Sarathy Institute of Technology	Duckstack Technologies	SERVICES • Web Development. • Native App Development. • UI/UX. • Graphics Designing	08/01/2020
NSIT- Incubation Center	Murugan	Narasus Sarathy Institute of Technology	Sky Alpha Exports	SERVICES • E-Commerce based Company. • Agro based products. • Garments.	31/01/2020

[View File](#)

## 3.3 – Research Publications and Awards

### 3.3.1 – Incentive to the teachers who receive recognition/awards



State	National	International
1		

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	Civil Engineering	2	Nil
International	Mechanical Engineering	1	Nil
International	Electrical and Electronics Engineering	2	Nil
International	Electronics and Communication Engineering	5	Nil
International	Computer Science Engineering	5	Nil
International	Information Technology	2	Nil
International	Science Humanities	1	Nil

[View File](#)

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
Electronics and Communication Engineering	6
Electrical and Electronics Engineering	1
Computer Science Engineering	7
Information Technology	4
Civil Engineering	5
Science and Humanities	2

[View File](#)

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
Brain Tumor Detection	S.Sabari nathan	Mukt Shabd Journal	2020	Nil	Narasus Sarathy Institute	Nil

using Watershed segmentation on Digital Image Processing					of Technology	
Feedback Analysis Model using Data Mining and Machine Learning Algorithms and Tools	S.Alaudeen Basha	Journal of Scientific Computing	2020	Nil	Narasus Sarathy Institute of Technology	Nil
Bandwidth planning for context formatting in VANET	S.M.C Subashini	Journal of Scientific Computing	2020	Nil	Narasus Sarathy Institute of Technology	Nil
Health Care Bot with Medical Assistance	G.Babu	Journal of Scientific Computing	2020	Nil	Narasus Sarathy Institute of Technology	Nil
Location based vehicular service station using mobile application	K T Archana	Journal of Scientific Computing	2020	Nil	Narasus Sarathy Institute of Technology	Nil
License Verification using QRCode	M. Prakash Kumar	Journal of Scientific Computing	2020	Nil	Narasus Sarathy Institute of Technology	Nil
AI Based Record Management in Modern Workspace Policy Management	M. Prakash Kumar	Journal of Scientific Computing	2020	Nil	Narasus Sarathy Institute of Technology	Nil
Experimental investigation on various waste water treatment with	S.Lokesh	International Journal of Science Engineering Development Research	2020	Nil	Narasus Sarathy Institute of Technology	Nil

production fertilizer						
High Speed Approximate Multiplier with Configurable Error Recovery	S.Sivaprakasm	Journal of Scientific Computing	2019	Nil	Narasus Sarathy Institute of Technology	Nil
Investigations on Flexible Robot End Effector in the Application of Fluid Handling	Dr.V.Munusami	Journal of Applied Science and Computations	2019	Nil	Narasus Sarathy Institute of Technology	Nil
<a href="#">View File</a>						

### 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
0	0	0	Nil	Nil	Nil	0
<a href="#">View File</a>						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	10	438	Nil	Nil
Presented papers	8	7	Nil	Nil
Resource persons	Nil	Nil	Nil	1
<a href="#">View File</a>				

## 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
World Unity Day	NSIT	40	100
Road Safety Awareness Programme	Annamalais Toyoto Team, Salem	10	150
National Voters Day	Thasildar office officials at Kadaiyampatti	35	110

SWACHH Bharat Summer Internship Programme	SWACHH BHARAT	5	52
Awareness Program on COVID-19	IEEE Student Branch IEEE Photonics Society Chapter of Mangalam College of Engineering, Ettumanoor	2	20
Plastic Waste Management Awareness Program	SWACHHTA HI SEWA	7	60
Outreach Programme	McMaster University, Hamilton, Canada	9	30
An awareness programme on -YOGA	YOGA -Club, Periyar University	67	120
One day Spiritual programme at Ragavendra Asharam	Karunya Illam - Orphanage	2	5
Volunteers - COVID19 Preventive Activities	NSIT	7	8
<a href="#">View File</a>			

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
Blood Donation Camp	Certificate of Appreciation	Mohana kumaramangalam Govt. medical college Hospital, Salem Primary Health Centre, Kadaiyampatti	115
JAL SHAKTHI ABHIYAN- Tree Plantation Rally	Certificate of Appreciation	Central Ground Water Board (CGWB), Union Office, Kadaiyampatti	50
NSS Special Camp	Certificate of Appreciation	Kadaiyampatti Town Panchayat	50
National Voters Day	Certificate of Appreciation	Thasildar office officials at Kadaiyampatti	110
Orphanage visit	Certificate of Appreciation	Karunya Illam - Orphanage	5
<a href="#">View File</a>			

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
SWACHH Bharat Summer Internship Programme	SWACHH BHARAT	UBA NSS	5	52
Awareness Program on COVID-19	IEEE Student Branch IEEE Photonics Society Chapter of Mangalam College of Engineering, Ettumanoor	UBA NSS	2	20
Plastic Waste Management Awareness Program	SWACHHTA HI SEWA	UBA NSS	7	60
Outreach Programme	McMaster University, Hamilton, Canada	UBA NSS	9	30
An awareness programme on -YOGA	YOGA -Club, Periyar University	National Service Scheme	67	120
One day Spiritual programme at Ragavendra Asharam	Karunya Illam - Orphanage	National Service Scheme	2	5
Volunteers - COVID19 Preventive Activities	NSIT	National Service Scheme	7	8
World Unity Day	NSIT	National Service Scheme	40	100
Road Safety Awareness Programme	Annamalais Toyoto Team, Salem	National Service Scheme	10	150
National Voters Day	Thasildar office officials at Kadaiyampatti	National Service Scheme	35	110
<a href="#">View File</a>				

### 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
Industrial Project	Atchaya Priya M Kowsalya K Nandhini	SELF	30

	K Rajkumar A		
Internship	Ramya V	SELF	6
Internship	Shyaam K K	SELF	2
Internship	Gayathri Devi S Jaya Prakash P Karthikeyan M	SELF	60
<a href="#">View File</a>			

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 Program	Internship Program	NextOnTop	02/05/2019	18/07/2019	Gayathri Devi S Jaya Prakash P Karthikeyan M
Internship Program	Internship Program	KaaShiv InfoTech	02/06/2019	06/06/2019	Maithra S
Internship Program	Internship Program	Zealous Tech Corp	03/06/2019	10/06/2019	Dilipkumar S Prakash S Thejasvini P
Internship Program	Internship Program	Sona College of Technology	26/06/2019	28/06/2019	Premkumar G Saravana Kumar B Poovarasan C Sandhiya J Senthil Nathan J Sivakumar S Sowmiya G Thaaneshwar P Yokesh M Nandha Kumar S Prasanth M Gayathri S Nagaraj V
Internship Training	Internship Training	swachh bharat summer internship, Collectrate, Salem	03/07/2019	07/07/2019	Sathishkumar S Divagaran P Ajithkumar L Sivasubramani P.A Sasikumar S Gokul K Vijay S Sarankumar M
Internship	Internship	Caliber Embedded	11/07/2019	12/07/2019	K.K.Shyaam

Internship	Internship	Next on Top	20/05/2019	18/07/2019	Gayathri Devi S Jaya Prakash P Karthikeyan M
Internship	Internship	Zerame	09/12/2019	27/02/2020	Sharan R
Industrial Project	Industrial Project	JSW	20/01/2020	20/02/2020	Atchaya Priya M

[View File](#)

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
FORD INDIA Pvt Ltd	24/01/2020	Provided Eco sport vehicle - for learning and Impart training on latest technologies	60
CADD CENTRE Training services	24/01/2020	Value added software training on staadpro	22
Livewire	19/08/2019	value added technical training on ORCAD	42

[View File](#)

## **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
34	33.14

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	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing

Classrooms with Wi-Fi OR LAN	Existing
Others	Existing
<a href="#">View File</a>	

#### 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
LIPS	Fully	5.0	2008

##### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	21017	6305100	Nil	Nil	21017	6305100
Text Books	4211	1263300	Nil	Nil	4211	1263300
CD & Video	1267	25000	Nil	Nil	1267	25000
Journals	101	42000	Nil	Nil	101	42000
<a href="#">View File</a>						

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
NA	NA	NA	Nil
No file uploaded.			

#### 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	420	5	50	1	1	5	5	50	0
Added	0	0	0	0	0	0	0	0	0
Total	420	5	50	1	1	5	5	50	0

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

50 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
NSIT	<a href="https://www.nsit.edu.in/nsit-">https://www.nsit.edu.in/nsit-</a>



**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
16	16.37	104	104.25

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)

The Institute has a well-defined policy regarding the maintenance of infrastructure and other facilities. There is a separate team for housekeeping managed by our estate in charge. Besides a this we have in house electrician, plumber, carpenter and masson to take care of minor repair work as the need arises. Listed below is the variety of services undertaken to maintain the infrastructural facilities. HOUSE KEEPING Daily maintenance: Availability of drinking water, sufficient water in Toilets, Cleaning Class Rooms, Labs, Veranda, Office Rooms, Staff Rooms, hostel rooms, cafeteria, parking lot and Toilets Weekly maintenance: Cleaning the grounds and sports facilities, maintenance of garden, Checking Electrical system, Plumbing, RO Plant, Solar Panels, Rain water harvesting pit and Sewage line Monthly maintenance : Checking for breakages in Class Rooms, Staff Rooms, Laboratories, Seminar halls, Auditorium and Office Checking for infrastructural damage throughout the campus COMPUTERS: The College has adequate computer systems with high speed internet connection and required softwares are installed in all department laboratories, library and office. Computers are maintained by internal system incharge and respective Lab technicians. Each laboratory has an assistant, who ensures proper usage of the computers and sophisticated equipments. LIBRARY: The working hours of the library are from 8.30 a.m to 6.00 p.m on working days and from 8.30 a.m to 4.00 p.m. on holidays. Maintenance work is done periodically to keep the library clean. The library staff incharge maintains a physical and digital record for staff and student attendance, maintenance and issue of books. The staff incharge also ensures the periodically that the book shelves are cleaned and books are arranged in their respective places SPORTS COMPLEX/ ACTIVITIES: Excellent infrastructure is provided for sports with 400 meter running track and Courts for indoor sports activities like badminton, caroms, chess, etc which are maintained periodically. The sports facilities and field equipment like post, umpire stand, score boards are also maintained regularly. The housekeeping staffs clean the ground regularly. Under the guidance of physical director ensures the ground and sports equipments are in prime condition for conducting sport hours and tournaments. The physical director maintains a register of the sport equipments like ball, bat, net etc., provided to the students and collects it back in good condition. POWER SUPPLY AND ELECTRICAL MAINTENANCE Power supply is maintained by our in-house electrician. The Institute has a Kirloskar Make power generator (250KVA) in the campus to handle the occasional power shut down. It is under AMC by M/S Network Diesels, an authorized Dealer of Kirloskar.

<https://www.nsit.edu.in/file/naac/Maintenanceproce.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	Merit Scholarship by Srimathi Mahalakshmi Ammal Trust	58	1055500
Financial Support from Other Sources			
a) National	First Generation graduate,BC/ MBC Scholarship, SC/ST Scholarship	731	12639825
b) International	Nil	Nil	Nil
<a href="#">View File</a>			

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 implementation	Number of students enrolled	Agencies involved
Personal Counselling Mentoring	02/02/2020	400	Dr.M.Poonguzhali HOD/ECE, Dr.K.Arutselvan HOD/EEE, Dr.M.Ramesh Kumar HOD/CSE, Dr.Senthil Kumar HOD/MECH
Remedial Coaching	23/04/2020	200	Dr.M.Poonguzhali HOD/ECE, Dr.K.Arutselvan HOD/EEE, Dr.M.Ramesh Kumar HOD/CSE, Dr.Senthil Kumar HOD/MECH
Language Lab	21/01/2020	180	Mrs.Durgapriya / Mrs.Jaysudha/ Mr.Krishnamoorthy
Bridge Course	16/06/2019	182	Dr.M.Gautham moorthy HOD/SH
HR Conclave	07/03/2020	595	Softura, Zoho Corporation, EC Group International, Yamaha Music, True Sai Works, Kone Elevator
Startup Expo	27/01/2020	354	Microsoft Most Valuable Professional, Aug Robotics Technologies, Plumes, Splendio, Gayathri Sketches, Geek Community, C# Corner MVP, We

			Fractori
Aptitude Soft skills Training	19/08/2019	724	ETHNUS
Technology Soft Skills Training	08/07/2019	50	ICT ACADEMY CSS CORP
<a href="#">View File</a>			

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	TECHNOLOGY SOFT SKILLS TRAINING BY ICT ACADEMY CSS CORP	Nil	50	Nil	85
2019	APTITUDE & SOFTSKILLS TRAINING BY ETHNUS	Nil	724	Nil	85
2019	NSIT PLACEMENT & TRAINING	Nil	157	Nil	85
2020	STARTUP EXPO	Nil	354	Nil	85
2020	HR CONCLAVE	Nil	595	Nil	85
<a href="#">View File</a>					

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
4	4	15

## 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
SALEM LAND SURVEY INSTITUTE, SALEM	10	3	TCS, CHENNAI	20	1
<a href="#">View File</a>					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	1	Narasu,s Sarathy Institue of Technology	Mechanical Engineering	Madras Institute of Technology, Anna University	M.E
<a href="#">View File</a>					

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	1
<a href="#">View File</a>	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Women’s Entrepreneurship Awareness Camp (Salem Productivity Council)	District Level	192
Rangoli Competition	Institution Level	123
Saarangi - Cultural Program	Institution Level	121
Pongal Day Celebration	Institution Level	219
National Girl Child Day Celebration	Institution Level	127
State Girl Child Safety Day	District Level	105
YUVA - 2020	Institution Level	109
NFEST 2020	Institution Level	598
Short film on Vizhithezhu	Institution Level	165
Women’s Day Celebration	Institution Level	183
<a href="#">View File</a>		

### 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/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2020	Team Kata in the world level kung fu Gold Medal Cham	Internat ional	1	1	61171810 4023	Karthick.M

	pionship 2019/ Gold					
2020	Kata in the world level kung fu Gold Medal Cham pionship 2019/ Bronze	Internat ional	1	1	61171810 4023	Karthick.M
2020	Kung-fu Team Kata/ Fourth Place	Internat ional	1	1	61171810 4023	Karthick.M
2020	Winners in the Anna University Zonal Tournament 2019-20	Internat ional	1	1	61171810 4058	Suresh Kumar.M
2020	Winners in the Anna University Zonal Tournament 2019-20	National	1	1	61171710 4008	Gopi.S
2020	Winners in the Anna University Zonal Tournament 2019-20	Nil	1	1	61171710 4033	Surya.B.K
2020	Winners in the Anna University Zonal Tournament 2019-20	National	1	1	61171911 4012	Sridhar.M
2020	Winners in the Anna University Zonal Tournament 2019-20	National	1	1	61171710 3006	Sabarima ni.M
2020	Winners in the Anna University Zonal Tournament	National	1	1	61171711 4302	Karthick.P

	2019-20					
2020	Winners in the Anna University Zonal Tournament 2019-20	National	1	1	61171711 4005	S.Anandh

[View File](#)

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

The Students' Council organized an array of academic and extracurricular activities these activities not only fostered development among students but also cultivated a sense of leadership and discipline. Students actively participate and present their views in various committees/clubs/teams like academic council, Board of Studies, Hostel Meetings, Class committee meetings etc. Narasu's News letter in is the official student media body of NSIT. It also publishes the Monthly student newsletter Aperture. The e-copy of newsletter is distributed to all the students through online mode with the support of class advisor. The news letter encourages the students' enthusiasm in journalism, photography and all the wings. Student research foundation collectively analyzes the student ideas. YUVA and NFEST exhibit the student talents by conducted several activities based on the students needs and interests. Many activities included drama , dance, literature, art, photography, movie, etc. These clubs played an essential role in the holistic development of students. In the same year, Our NSS unit with the support of UBA(Unnat Bharat Abhiyan), organized a Donation Drive which collected enough food, medicines, clothing, etc. for the wellbeing of peoples in nearby villages. Innovative ideas are given funds and technical guidance to develop them into products and solutions. Students are the active members in ant ragging committee to monitor and ensure the campus is free from any ragging related activities. Students in each department have their own association committee. Committees are represented by general secretaries and joint secretaries. Association committees organizes intra, inter college technical events and National Level Symposium. Besides every class across various departments have representatives to coordinate with various activities connected with the conduct of classes and placement. These activities have not only helped students to shape their personalities but also helped members of the council become promising leaders. The members of the council are nothing but an epitome of teamwork, dedication and sincerity.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Every alumnus cherishes the time he or she has spent in college. NSIT has been one such source of inspiration for all the students who have graduated from this campus. The alumni association has launched itself in the effort of creating an alumni centre inside the college campus to effectively and efficiently extend its service to students, staff and alumni. Our alumni day is celebrated every academic year in the month of February. It allows the alumni to connect with old friends and remember the good old college days. Our NSIT alumni association has the following objectives •To provide a platform for interaction between alumni, present students, faculty of the college and administration. • To assist in improving the facilities and infrastructure of the college with active participation of the alumni. • To make available the

expertise and experience of the alumni for the development of research and the academic activities of the college. • To visit our college as resource person for guest lectures, workshop and seminars •To plan and implement welfare Programmes/ Skill development activities with the object of creating self-reliance. • To educate the student community in social responsibilities and impart the knowledge of various welfare schemes available so that they can make use of the same. • To provide career guidance to their juniors for the successful professional growth. Contribution by our alumni association: 1.The alumni of the Department of Electrical and Electronics Engineering contributed financial aid for development of renewable energy sources. 2. The alumni of the Department of Electronics and Communication Engineering Contributed financially for the development of Solar operated RO system. 3. The alumni of the Department of Civil Engineering designed and constructed rain water harvesting pit in our campus. 4. Our Mechanical students contributed a manually operated reaper for the maintenance of the playground 5. Our alumni students contributed a Digital Notice board for displaying college events. 6 Many of our Alumni students have started their own business organizations like Duck Stacks Technology Pvt Ltd, Sky Alpha, Civilization Builders and recruited their juniors as their employees The Institution regularly maintains the updated and current information of all our Alumnus. Our institution encourages, fosters and promotes close relations among the alumni's themselves. Our institution supports and assists the Alumni to identify suitable carrier based on their aspirations. We also provide a forum for the Alumni for exchange of ideas on academic, cultural and social issues. The events organized by the alumnus give a great impact, confidence and motivation to the current students.

5.4.2 – No. of enrolled Alumni:

2980

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

25000

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Meet'20 was organized in the name of Mitramilana'2020 for all batches and branches on 15.03.2020.

## **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 Principal and the Vice Principal along with the Administrative officer are given freedom to plan academic and administrative activities for the smooth conduct and continuous progress of the college. They delegate various responsibilities to the IQAC and department heads for effective completion of work •IQAC has the freedom to formulate quality policies and its implementation is discussed and planned at the regular meetings conducted with the management and principal during the year. •Head and senior faculty of each Department have the freedom to plan, implement, finalize and shape departmental activities based on the available resources and after conducting departmental meetings. •All issues regarding the departmental activities are discussed during staff meetings. It gives the scope for collective thinking and decision making. •Faculty members have contributed in a big way in internalizing quality policy because of transparency and ease of access to all levels of management hierarchy. Interaction with diverse external agencies: Faculty members participating in various events like seminars, orientation and refresher courses, university committee meetings, industrial organizations etc. share

their experiences and ideas to continuously bring about improvement in our functioning. Interaction with parents: The teachers interact with parents in Orientation Programs and parent teacher meeting to get their valuable feedback and share their information about progress of their wards. The Principal interacts whenever necessary with parents of defaulters and meritorious students. Inputs from Alumni at Department level: Helps us organize activities such as Industrial visits, Internships and placement for their junior students.

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
Industry Interaction / Collaboration	The institute encourages staff to interact with industry in all possible ways such as professional consultancy, Industrial testing on site or in laboratory, Visits of faculty to industry for study and discussions or delivering lectures on subjects of mutual interest, signing of Memoranda of Understanding(MOU) between the institute and industries for knowledge sharing. The industry institute interaction enhance by membership in various organization like CII, ICTACT, Salem productivity council, etc. The industries are also invited to give our student live projects and certification programs. Eminent people from industry are regularly invited for guest lectures, workshops, seminars, etc for the benefit of the students.
Human Resource Management	Staff recruitment is done by direct interview process by the management and experts committee. Faculty members are given ample opportunity and encouragement to participate in the FDP's/Conferences/Seminars/Workshops, etc. Financial assistance and on duty are provided by the college management for faculties participation. In order to bridge the gap between the institute and the Industry our Institution encourage the faculty member to undergo industrial related training. A comprehensive staff appraisal system is followed to check the quality of faculty knowledge. The staff appraisal system consist of questionaries on teaching learning methodology, subject knowledge, research work, etc.
Library, ICT and Physical Infrastructure / Instrumentation	The central library of the college is a place for unlimited supply of learning resources including textbooks,



reference books, journals, digital resources, etc. The central library resources are enriched every year. It has a special software for tracking resource availability and an automated system for book/journal transactions. The Wi-Fi facilities and broad band internet facilities are provided in the library premises. Our Central library we has adequate space for reading activities and photo copying facilities are also made available for the students benefit.

Research and Development

Teachers are motivated to participate in seminars, FDPs, conferences, workshops and to pursue PhD. Each department is represented by a faculty member in the Centre for Professional Development and RD cell. Their major role is to apply for research grants for minor/ major research projects to various funding agencies like DST, DRDO, MNRE, ISRO etc. In order to enhance the research activities of UG/PG students, Department of Computer Science and Engineering applied to Anna university, Chennai for setting up a research centre. It encourages the students to do their projects in real time and continually to motivate them to exhibit them innovative ideas and apply for IPR status.

Curriculum Development

The Institute follows the Curriculum set by Anna University for the affiliated colleges. It has been revised by Anna University as per the guidelines of AICTE model curriculum. In 2017 Regulations more weightage is given to employability and skill development courses with additional subjects in the open elective category. Anna university has insisted that mini projects should be done by II and III year students. Feedbacks on course enrichment from Alumni, Industrial experts and Subjects experts from other premier institutions and deemed universities are also considered and incorporated in the syllabus.

Teaching and Learning

All the faculty of the institute are trained in the contemporary and innovative methods of teaching and encouraged to attend various faculty development programmes on pedagogy. The widely used teaching and learning methods at the institute are chalk and talk, lecture, group discussion, quiz,

	<p>Practical demonstrations, students seminars etc. In addition to classroom learning, digital aids like NPTEL content, YouTube videos, e-journals etc. are also available for the students to facilitate learning beyond the syllabus. The facilities are encouraged to publish research papers in reputed journals for strengthening their subjects</p>
Examination and Evaluation	<p>As per directive given by Anna University, Internal Evaluation Examination are being conducted. In addition we conduct department level exams like zero hour test for each subject, Open book test and quiz competitions after completing each unit to help the faculty to understand about student comprehension and cognitive capacity. All these efforts help the students to perform better in Internal assessment test, model exam, ICT based evaluation, OBE test, Seminar topic preparation, mini projects and final end semester examination.</p>
Admission of Students	<p>Tamil Nadu Engineering Admissions is a complete online process. The students are admitted according to state Government Norms by counseling through single window system by DOTE, Chennai. For Management quota, a selection committee constituted by the college management and the principal as per the guidelines of the institution will select the candidates. The selection is purely provisional and always subject to the confirmation from Anna University / Directorate of Technical Education, Chennai. The selection committee will abide by the specific norms mentioned by the Government and Anna University for selecting candidates for admission to various programmes offered by the institution.</p>

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	<p>Our institute follows a systematic method of e-governance for various academic and administrative purposes. Some of the processes of e-governance are: Time Tables are generated using ERP software, Attendance of students is monitored using ERP software. Students can access important information/notices given by the university and college through their individual login</p>

facility. The institute has implemented SMS and e-mail service for dissemination of information to stakeholders. The Institute makes use of social media platforms like LinkedIn, Facebook, Instagram, etc, to connect with the college alumni. Digital Signage of the college highlights various college activities.

**Administration**

For establishment of Management Information Systems (MIS), the college has opted for some ERP solutions which have been highly beneficial for both academic and administrative purposes. Online registration by students during admissions has helped us to create an accessible student database. The system also helps to save time and the whole process reduces paper usage.

**Finance and Accounts**

The accounts of the College are maintained under cash basis of accounting. Fees are collected and details are maintained digitally. The records of students' receipts and their account profile are updated regularly. Daily cash collection and payment reports are generated from the software and recorded in the cash book from time to time and is posted to various ledgers. Class wise report of fees to be received and the actual fees received are reconciled after every semester with the help of the software. Staff salary is also maintained in the system.

**Student Admission and Support**

Online registration by students during admissions has helped us create an accessible student database. The system also helps save time and the whole process reduces paper usage. During admissions, to enter data of a new student and generate roll number. The student data like student and parents' mobile number, Email id, Hostel room information, permanent address, etc. will be updated once a year as per request.

**Examination**

The college has a University Examination Cell which is facilitated with modern ICT tools for smooth conduction of University Examination. Subject registration to result generation is done through online mode with help of web portal. For internal evaluation, objective type pattern examinations are conducted through

Google form. Internal evaluation grades are also uploaded online. Computerized result analysis is used to generate individual student reports which help faculty to plan remedial and additional coaching for slow learners.

### 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	Dr.M.Poonguzhali	Workshop on Outcome Based Education and NBA Process	Nill	500
2019	Dr.K ARUTSELVAN	One day workshop on arduino	Nill	450
2019	C.SURESH	International E-conference on emerging technologies- IECET-2020	Nill	500
2019	S.SIVAPRAKASAM	workshop on National Institute of Technical Teachers Training	Nill	500
2019	S.GOVINDASAMY	Two days hands-on virtual workshop on Business data analytics using Excel	Nill	4130
2020	T.SUDHAKAR	workshop on National Institute of Technical Teachers Training	Nill	500
2020	V.Suganya	Introduction to Abstract and Linear Algebra	Nill	1000
2020	R. Ramasamy	One day Orientation PFMS Training for Programme Officers	Nill	650

2020	Dr.K ARUTSELVAN	NAAC sponsored two days national workshop on quality assesement and accredatation under revised accreditation framework	Nil	500
2020	Dr.K.Saranya	International Conference on Applied mathematics	Nil	550
<a href="#">View File</a>				

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)
2020	Curriculum Design and Related Aspects of NBA	Nil	15/04/2020	16/04/2020	56	Nil
2020	Art of composing Publication, IPR Grants	Nil	22/02/2020	22/02/2020	59	Nil
2019	CO PO/PS Os-PEOs Assessment Attainment and Effective Pedagogical Tools	Nil	06/12/2019	07/12/2019	57	Nil
2019	Nil	Well being in Workplace	23/07/2019	23/07/2019	Nil	9
2019	Effective Academic Planning	Nil	18/06/2019	18/06/2019	46	Nil
<a href="#">View File</a>						

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
Online FDP titled Fuzzy Sets And Systems	2	16/05/2020	16/05/2020	1
Online FDP titled A One Week Faculty Development Programme on Scilab Programming	1	11/05/2020	16/05/2020	6
Online FDP titled on Fuzzy logic and neural network approaches to engineering solutions	2	03/05/2020	04/05/2020	2
One week online FDP on LaTeX	2	27/04/2020	02/05/2020	6
Online FDP titled Course Planning and Delivery through online	5	25/05/2020	25/05/2020	1
Online FDP titled Pedalgogy of Physical Science	2	26/05/2020	26/05/2020	1
Online FDP titled Challenges in Building Collaborations in Research and Innovation	1	18/05/2020	20/05/2020	3
FDP For Language Teachers	2	18/09/2019	22/09/2019	5
FDP for SIP Level (1)	2	17/06/2019	23/06/2019	6
FDP for SIP Level (0)	2	27/05/2019	29/05/2019	3
<a href="#">View File</a>				

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

Teaching	Non-teaching
----------	--------------

Permanent	Full Time	Permanent	Full Time
131	131	14	14

### 6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>Leave benefits for teaching faculty : casual leave, vacation leave, Earn leave and maternity leave • Travel grant for attending international conference • Payment of registration fee and permission to attend Workshop/ Seminar/ Training Programs • Faculty performance incentive plan • Group personal accident insurance • Employers contribution to PF • Gratuity • Gifts on special occasions ( Wedding, Newborn , Deepawali) • Training of different conferencing tools like Google Meet, Zoom, Cisco Webex for online classe</p>	<p>• Leave benefits Non-teaching: casual leave, Earn leave and maternity leave • • Fee concession for wards of non-teaching staff • Employers contribution to PF • Gratuity • Gifts on special occasions ( Wedding, Newborn , Deepawali)</p>	<p>• Group personal accident insurance • Scholarship schemes (Merit Scholarships,, Alumni, Sports Scholarships,</p>

## 6.4 – Financial Management and Resource Mobilization

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

The accounts of the College are maintained under cash basis of accounting. Fees are collected and details are maintained digitally. The records of students receipts and their account profile are updated regularly . Daily cash collection and payment reports are generated from the software and recorded in the cash book from time to time and is posted to various ledgers. Class wise report of fees to be received and the actual fees received are reconciled after every semester with the help of the software. Staff salary is also maintained in the system. At the end of the financial year, account details are audited by the external auditor.

### 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
NEET 2020, NSEIT, AIMS, CRP MAINS, FOREST EXAM	333898	Conducting Exams

[View File](#)

### 6.4.3 – Total corpus fund generated

143000

## 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	ODPL	Yes	ODPL
Administrative	Yes	ODPL	Yes	ODPL

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

- Parent -Teacher meeting is organized by individual departments at least twice in a year.
- Institutions achievements and Events are shared with the parents.
- During parent’s teachers meeting feedback regarding curriculum development, Placement opportunities, co-curricular and extracurricular aspects are collected from parents. Also discussed the performance of their wards in the Internal Assessment Test and other activities.

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

- The basic computer training on MS office was conducted to improve the computer skills.
- Spoken English class is being conducted for the supporting staff to improve their communications.

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

Internal Quality Circles are framed to take care of quality enhancement in each criteria as specified by NAAC. • Alumni cell is being registered .• Every Professor and Associate Professor insisted to Publish at least 2 SCI indexed journals and assistant professor 2 Scopus journals • The Focus Group for different verticals has been initiated for the development of institutions.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
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	CO PO/PSOs-PEOs Assessment Attainment and Effective Pedagogical Tools	06/12/2019	06/12/2019	07/12/2019	57
2020	Effective Academic Planning	18/06/2020	18/06/2020	18/06/2020	46

[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
Women's Entrepreneurship Awareness Camp	26/07/2019	26/07/2019	85	Nil
Rangoli Competition	14/08/2019	14/08/2019	43	Nil
National Girl Child Day Celebration	24/01/2019	24/01/2019	70	Nil
State Girl Child Safety day joined hands with Integrated Child development service -Poshan Abhiyaan	24/02/2020	24/02/2020	90	Nil
Woman's Day Celebration	07/03/2020	07/03/2020	95	Nil
An Awareness Short film on Vizhiththezhu	07/03/2020	07/03/2020	80	120

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
2

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Provision for lift	Yes	2
Ramp/Rails	Yes	2
Braille Software/facilities	Yes	1
Rest Rooms	Yes	3
Scribes for examination	Yes	1
Special skill development for differently abled students	Yes	2
Any other similar facility	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to	Number of initiatives	Date	Duration	Name of initiative	Issues addressed	Number of participating
------	--------------------------	-----------------------	------	----------	--------------------	------------------	-------------------------

	address locational advantages and disadvantages	taken to engage with and contribute to local community					students and staff
2019	6	3	20/08/2019	1	An Awareness Programme on VeetukkuOruVivasayi	Welfare Contribution	122
2019	6	3	29/08/2019	1	Fit India Movement-Pledge	Rural area illiteracy	87
2020	6	3	20/01/2020	1	Awareness Programme on National Road Safely	Health	110
2020	6	3	24/01/2020	1	Road Safety Program-Fast drive could be last drive	Safety	152
2020	6	3	25/01/2020	1	National voters day	Rural area illiteracy	112
2020	6	3	27/01/2020	6	Special camp -Youth for Cleanliness	Public	54
2020	6	3	12/03/2020	3	Three days Awareness Programme on Corona Virus1	Health	610
2020	6	3	20/03/2020	1	Awareness Programme on Group Insurance and Medical claims by Star	Health	70

health  
and  
Allied  
Insurance  
Company  
Limited,  
Salem

[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)
Employee Handbook	02/07/2019	The Principal, Heads of the Department continuously monitor the organizational behavior and objectives of every faculty
Academic Calendar	02/07/2019	A code of conduct for students is specified in the Academic Diary.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Tree Plantation Program	25/07/2019	25/07/2019	60

[View File](#)

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

?The Institute is a lush and serene Green campus. The students and faculty are encouraged to plant the trees and keep the campus garbage and plastic free. ?There is adequate natural lighting and ventilation in classrooms. The noise level in the campus is well within the limit i.e. below 50 dB at daytime. ?Our institute has a well-developed waste management system. The bio degradable waste is put in composting pits. ?College transportation facilities are used to commute students. It is mandatory for all vehicles to get Emission test certificates. ?Students residing near the college use public transport, bicycles or walk to the college. The campus has broad pedestrian pavement for safe use by all. The College makes the students aware of the Carbon Credits and Carbon Neutrality during Environmental Study classes. ?Tobacco and unhealthy food products are strictly banned within the campus. ?The canteen uses LPG gas to reduce emissions and air pollution. The canteen is plastic free and uses paper cups and stainless steel utensils.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practices 1 Title of the Practice Memorandum of understanding- Collaborations of our institution with Industries/Institutes or corporates Objectives of the Practice MOU's are signed between industries, corporates and institutes with an objective to increase and opportunity for students in learning. Identification and use of business-level and technological standards to exchange data and information To be quality skill enhancement partner and projects for corporate and government agencies Enhancing skills of students/aspirants through internship and vocational training. The Context The industries or institution collaboration is done to share their experience in

practical to the emerging professionals of our institution. Their working aspects and practices give more practical knowledge for the students and motivate them to move towards the professional path. The Practice The graduates could play a key role in technological up-gradation, innovation and competitiveness of an industry. In the view to that industrial collaborations were done to acquire training and skill development for the students in the form of field projects and internships which offered for the students based on the MOU's to explore their ideas on different a sector which helps them to bridge their theoretical concepts with practical knowledge. Observe and learn method is implementing the changes to obtain the valuable work experience. Find projects are also done on these environments. This also helps them to explore the important path on their career. Students those whose begin the college with a unclear path in mind, end up changing their minds later on taking such programs and get strong in particular path on their own interests. Evidence of Success When the students are involved in the activities like workshops, seminars, field projects, industrial visits and improve the presentation skills of the students. To encourage active interaction between the student internship etc., based on the collaborations the students get more experiential learning. This gives the insights in latest developments/requirements of the industries. The experience gained is valuable which is beyond the class room benefits. In addition to this they get grained in their specialized skills of a particular field, transferable skills such as communication, teamwork and proficiency which enables them the easiness in the workplace where they get placed. This also ensures exposure to students and will build confidence and prepare the students to have smooth transition in the working career. Target Achieved Students learn many recent development in their core branch Easy for doing mini project Develop their communication skill Best Practices 2 Title of the Practice Plantation Programme Objectives of the Practice It has been observing by the people that nature has been changing itself very tremendously as we are responsible for this change because of building and constructive more and more cities and town. The purpose of tree plantation is to save the endangered environment and to beautify our life. Trees are valuable gifts of nature and them also the best friends of human beings. Plantation programme can become more popular. So, it is the duty of ours to promote more and more students to come forward. To enhance the values of plants environment among the students. The Context Plantation programme is to save and protect the environment by plantation work" with under given points:- Promoting eco-friendly technologies to improve the environment. To rising up the level of the student thinking regarding plantation work. To ensure the sincerity of the students regarding the values of trees plants. ? For the maintenance the cycle of the nature for up-gradation of the environment. The Practice It is very important to plant more and more trees, herbs and climbers because these are the carriers of rain and cloud. Only the nature has capacity to turn up the balance of nature to produce more and more oxygen, but it is only possible when our surroundings are full of trees and plants. Such type of programme is only possible when our new generation become more and more sincere and active towards plantation programme with the help of the NSS team members. Firstly, NSS Volunteers interestingly make the programme of plantation in a grand success, then majority of our students involves in this activity in a regular manner, so, we should plant more more trees and protect them for the future of new generation. Evidence of Success Our efforts of plantation work provoke the heart of the students and inspired them to go quickly on the path of plantation for the balance of the nature and up-gradation of environment. It is the result of the programme that more than 80 students participated in the programme of the plantation started by college and administration. Now we hoping that after this raining season, these planted trees will provide us feelings of true nature beauty of the nature. Targets achieved Students were understood the benefits of nature Students were known about the importance of agriculture well Students were

taken swear to plant saplings in and around their native

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

<https://www.nsit.edu.in/NAAC/nsitnaacBestPracl920.aspx>

### 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

The primary objective of the Institution is the pursuit of Academic Excellence and Placements. The institute also aims at vitalizing the learning skills with a focus on futuristic demands, vitalizing teaching learning process, ICT, Human Values, and cordial relationship with all the stakeholders for the holistic development of the student. It also strives to create ethically, meritorious personalities and to prepare professional, creative, and humane students to serve the humanity by setting a commendable tradition of initiative and imagination. The institution stands apart from all other colleges by placing greater emphasis on producing professional students by providing value-based education and enabling the students to face challenges in modern life. The institute aims at instilling a sense of self-discipline and accountability among students and developing a respect for democratic, ethical, and moral values. The college provides the best amenities required for students to enhance their Technical skills, Academics, and Extra-curricular activities and brings out the best in them. The college is ranked within the Top 100 Engineering colleges in Tamilnadu, and stands number 1 among 13 Districts as per Anna University Rank List 2018-2019. The college has produced 27 University Ranks since its inception. The placement cell has an integral training syllabus for students from the first semester. It started with out-sourcing the placement training but now has a committed in-house placement training team for both aptitude and soft skill training. It ensures that the students are well trained and prepared to face their campus interviews effectively. The Placement cell has adopted an effective communication system to keep the students informed about potential job opportunities and guide them from time to time. The academic and placement processes are complemented with a diverse array of opportunities provided to the students in enhancing their knowledge beyond academics. Various conferences, guest lectures, workshops, summit, celebrity chats, industrial visits, internships and in-plant training are organized throughout the year, by which the students are exposed to the outside world work ethics and all the recent developments and innovations. To bring out the concealed talents of the students, every year the institution conducts cultural day and sports Day. This throws light on various arts and thus pushes the students to excel in Co-Scholastic areas as well. The institution has provided the best possible facilities in terms of infrastructure for teaching, learning and sports activities to make a student, complete in all dimensions. The Classrooms, Laboratories, Smart classrooms, Group discussion halls, Library, Solved Question bank for all the subjects and Administrative office are highly conducive to the overall academic environment. The institution hosts fully equipped grounds for athletics, indoor badminton courts, Cricket ground and volleyball courts. As a result, students have performed well in inter college sports events and won many medals. Staff induction programmes, timely promotion of professional growth of the staff, permission to participate in FDP and welfare activities, felicitation of the staff on completion of 11 years of service has created a conducive atmosphere contributing in developing a good work culture.

Provide the weblink of the institution

<https://www.nsit.edu.in/files/naac/INSTIDISTINCT.pdf>

## 8.Future Plans of Actions for Next Academic Year

The future plans of NSIT for the academic year 2020 21 are listed below:

- To work towards getting minimum patents filed every year
- To take necessary steps to apply for Pre NBA application process
- To aim at a minimum of two international conferences for research / short-term courses/ student-faculty exchange
- It has been planned to enroll around 100 students in Value Added Courses during the AY 2020 21
- Around 50 papers are to be published in national/international conference proceedings by the faculty members of various academic departments
- All faculty members must use ICT tools in effective manner for teaching learning process. The following are the future plans to improve research and development activities during the academic year 2020 21
- A group of technocrats would like to work together to develop their product either hardware or software