Yearly Status Report - 2019-2020

Part A
Data of the Institution

1. Name of the Institution	**NANDHA COLLEGE OF TECHNOLOGY**
Name of the head of the Institution	**Dr.S.Nandagopal**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**04294222116**
Mobile no.	**7373714703**
Registered Email	**principal@nandhatech.org**
Alternate Email	**hodcivil@nandhatech.org**
Address	**Pichandampalayam, Erode-Perundurai Main Road,**
City/Town	**Erode**

State/UT	**Tamil Nadu**
Pincode	**638052**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Mr.N.Atthikumaran**
Phone no/Alternate Phone no.	**09942080015**
Mobile no.	**9385480015**
Registered Email	**hodcivil@nandhatech.org**
Alternate Email	**principal@nandhatech.org**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://nandhatech.org/wp-content/uploads/2023/07/AQAR-18-19.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://nandhatech.org/wp-content/uploads/2023/07/Academic-Calender-2019-20-Odd-Semester-1.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**A**	**3.05**	**2015**	**03-Mar-2015**	**02-Mar-2020**

6. Date of Establishment of IQAC	**20-Jan-2015**

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
FDP	09-Sep-2020 1	25

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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
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View Link]
10. Number of IQAC meetings held during the year :	**2**
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 Uploaded 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)

• **Organizing workshops and seminars to update the skills of faculty members • The IQAC has standardized various processing such as reporting formats,Evaluation of research proposals, Teaching Plans and etc... • Regular weekly meetings with the HoDs are held to discuss various aspects and measures towards quality enhancement. • The IQAC monitors the functioning of the committees, Cells an centres through conducting meetings and monitoring the reports they submit.**

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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	Achivements/Outcomes
NA	NA
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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Governing Council	27-Feb-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No

16. Whether institutional data submitted to AISHE:	Yes

Year of Submission	2020

Date of Submission	14-Feb-2020

17. Does the Institution have Management Information System ?	Yes

If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	We are using the MIS, for the purpose of storing student details like attendance, test marks and etc... for the future references. In this system, the details of the students viz., name, class, section, year and department are uploaded before the commencement of the academic year. It has the provision for uploading hourly based attendance and all the assessment marks of students. This system reduces the documentation work. This paperless system saves paper and helps in making the environment green. Adding to this, maintaining student's record is easier than the file or as records. Moreover, time is saved wisely. The data can be viewed by the faculty and also by the higher authorities at any time.

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

Nandha College of Technology is currently having the following mechanisms for effective delivery of curriculum • At the beginning of a semester, departmental meetings are held in every department in which the subjects are allotted to the teachers based on their willingness and the academic plan for that semester is discussed. • Number of classes for each subject is decided according to the syllabus and credits prescribed by Anna University • College administration provides a well constructed Academic Calendar and time table for each year /semester for both UG and PG classes. • Teachers prepare their lectures according to the subjects allotted and classes available. • Classes are held according to the schedule under the supervision of college administration. • We have a very rich central library with open access system and departmental libraries too for the benefit of the students. A good number of Journals are subscribed by our college. E .books and e.journals facilities are available for teachers and also for the students. • Various classroom teaching methods based on various needs of different subjects are regularly used for the effective delivery of the curriculum such as ? Chalk and Blackboard method ICT enabled teaching learning method .Use of different software .Distribution of class notes by teachers. Seminars by students related to curriculum. Paper presentation by the students Proper and adequate instrumentation facility is given to the students for their practical classes. Industrial Visits are carried for the students by the departments. Project works are conducted for fulfilment of their degrees. • Seminars and special talks by experts are also arranged regularly for advanced studies. • Regular assessments are carried out for both theory and practical classes to keep track the progress of the students • Remedial classes are also conducted based on requirement •Departments maintain the detailed record of the classes, assessments, project reports etc. • College administration also keeps a vigilant eye on the results, departmental activities and needs and also keeps record of the different activities of the college regarding teaching learning, development and improvements of different methods of effective curriculum delivery.

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
Nil	Nil	Nil	0	Nil	Nil

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	NA	Nill
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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	Computer Science and Engineering	01/08/2017
BE	Electrical and Electronics Engineering	01/08/2017

BE	Civil Engineering	01/08/2017
BE	Electronics and Communication Engineering	01/08/2017
BE	Mechanical Engineering	01/08/2017
BTech	Information Technology	01/08/2017
MBA	MBA	01/08/2017
ME	Computer Science and Engineering	01/08/2017
ME	Communication System	01/08/2017

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

	Certificate	Diploma Course
Number of Students	0	0

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
Network Engineering Routing and Switching	13/08/2019	32
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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	Mechanical	37
BE	ECE	3
BE	CSE	10
BTech	IT	6
BE	EEE	3
[View Uploaded File](#)		

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

• Student's feedback is filled from the students two times in a semester during the middle of the semester and at the end of the semester. • Attendance of each student is mentioned in the feedback form. Feedback is received on varied aspects of the college and the different aspects of the faculty. The points are calculated according to the grades given by the students in various criteria.

The Average and percentage of various criteria are calculated. The strength and weaknesses mentioned by the students are summarized. • Feedback is also collected from the parents during Parent Teacher Meetings (PTMs) that are organized by every departments of the college. Suggestions and comments given by them are also taken into account for future development. • The different areas where improvements are required are discussed in respective committees/departments. The proposals given by the different committees and departments are discussed with the management of the college for necessary action. Strengths of the college are also taken into consideration for further upgradation.

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	CSE	120	88	88
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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	218	37	115	13	128

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
128	128	9	27	27	6
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Different students will requires different kinds of attention, advice, information, and encouragement. Some students will feel comfortable for approaching their mentors others will be shy, intimidated or reluctant to seek help. A good mentor is one who is approachable for such students too. These kinds of mentors are available in our institution. Most of the times students will not be knowing what questions to ask, what information they need, or what their options when applying to graduate programs. Such confusions are cleared by our well experienced mentors by understanding their doubts and clarifying by giving myriad suggestions. Being a mentor is not only supporting students but also uplifting the faculty members in various aspects viz., individual leadership skills, personal and professional development. During the academic year 201718 every mentor has given their worthful words for their students,that has made remarkable success in students career. They have started their own websites, presenting projects and so on. This continuous mentoring by mentors in our institution helps the students to gain valuable resources, develop the knowledge and skills, build the network, advance every students career in an innovative ways. Mentors offer valuable insight to get ahead. They guide their students and sounding board their ideas, helping them to decide on the best course of action in each and every difficult

situations. From them students learn shortcuts that help them work more effectively and avoid reinventing the wheel. Mentors helps to identify the skills of the students and expertise to succeed in their life. Mentors/Staff members teaches what is needed to know, or advise the students search for the information needed. Just like the mentor, some students learn to communicate more effectively, that further helps the students to work effectively. Students learn new dimensions of thinking from their mentor approach. During the academic year 201718 most of our students have communicated in English. Our mentor offers an opportunity to expand the existing network of personal and professional contacts. They also help the students to be stay focused and on their track in career development through advices, skills development, networking, and so on. Mentors try through regular contact, if possible will keep all their students on the radar screen to anticipate problems before they become serious. Every mentor pays attention to the subtext and undertones of the students words, including tone, attitude, and body language. By these kinds of mentoring students have developed a network of scholars, admired and invited to write chapters in edited volumes, attend conferences, or even to get funding for projects by the students. Even though a degree is important, our mentors ought to remind a student about a degree of objectivity in giving fair grades and evaluations.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1131	128	1:9

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
128	118	10	10	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	Mrs. Jayanthi, National	Associate Professor	Best Senior Faculty Award, Novel Research Academy
2019	Mr. P.Vinothkumar, National	Associate Professor	Best Young Faculty Award, Novel Research Academy
2019	Mr. B.Pitchia Krishnan, National	Assistant Professor	Bright Researcher Award,Green Thinkerz
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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	103,104,205,106,105,114,631	III/V/VII	21/11/2019	20/02/2020
[View Uploaded File]()				

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

The Academic Calendar of events have been prepared with reference to the institution trust Calendar which also provides information on the set dates for internal exams, and Model exams etc. so that students and the faculty members can plan the course accordingly. Four internal exams and one model exam is planned in a semester. The question paper patterns for the internal examinations have been standardized by the head of the department, in respect of Units coverage for each course. The Institution Examination Cell smoothly manages all internal exam related activities and the entire evaluation system by monitoring clearly. The Institute has exam coordinators from each department for smooth conduction of the examination. The examination committee meets periodically to discuss all the examination related matters. For smooth conduction of internal examination, an internal squad comprising of senior faculty members is also appointed. Student internal exam performance is intimated to the students as well as their parents during frequent parent meetings. Retests are conducted for students who fail to receive passing marks, with a special timetable framed for that purpose. Remedial Classes are conducted for the late bloomers and absentees. Attendance is promptly entered in attendance register and internal marks (Theory practical) are entered in the university web portal as per the schedule.

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

The academic calendar is a very essential document, which contains the most important dates to guide the teachers and students. Before the commencement of every semester respective departments prepare a detailed study plan, assignments for the individual teachers and the number of classes allotted to each course. On the basis of this the routine subcommittee of the Teachers' Committee prepares a detailed timetable and academic calendar for the entire semester. The Academic calendar is prepared by the calendar committee of the institution before the commencement of each academic year. It comprises vision and mission of the college, schedule for parent or guardian meeting with student record to follow the internal rules and regulation of attendance and discipline, number of working days as per the Anna University prescribed schedule, date of commencement of classes, schedule for the periodical assessment and both government and local holidays details, internal mark and attendance entry dates for Anna University, syllabus completion for periodical assessment. Activity plan of the college for the academic year is also given in detail. Finally this will be distributed to the departmental teachers and the students and also made available on college Website. The effectiveness of the process is maintained through effective monitoring by the Principal.

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.nandhatech.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
104	BE	Computer Science Engineering	76	74	97

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://nandhatech.org/wp-content/uploads/2023/08/2.7.1-SSS-NCT-AY-2019-20.pdf

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
Students Research Projects (Other than compulsory by the University)	15	TNSCST	7500	7500

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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
Presentation on Fulbright Fellowships	Department of Library	14/09/2019

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
Nil	Nil	Nil	Nill	Nil

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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
Nil	Nil	NIl	Nil	Nil	Nill

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	2000	5000

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
CSE	1

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	CSE	1	0.7

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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
Mechanical	5

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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
ANFIS Type Speed Controller of Induction Motor for Variable Speed Applications	Mr.J.Kumaresan Mrs.S.Hemasilviavinothini	The Gujarat Research Society	2019	0	YES	0
The Blood Vasculature of the Retina Using Routine Segmentation	C. R. Dhivyaa,M. Vijayakumar	IETE Journal of Research	2020	0	YES	1
A Survey on Secure Data Transmission in Wireless Sensor Network using Internet of Things(IOT)	A.P. Gopu,Dr.M. Vijayakumar	Jour of Adv Research in Dynamical Control Systems	2020	0	YES	1
Skin lesion classification using decision trees and random forest algorithms	C.R.Dhivya	Computer Science and Engineering	2020	0	YES	1

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
Nil	Nil	Nil	2019	0	0	Nil
Nil	Nil	Nil	2020	0	0	Nil
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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	5	85	0	7
Presented papers	10	11	1	0
Resource persons	0	0	0	0
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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
International Yoga Day	Mr. Venkatachalam Mr. Mahendran, Vivekananda Forum Yoga Trainer, Erode.	1	30
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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
Contribution to the Society	Best Senior Faculty Award	Novel Research Academy	0
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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 activites	Number of students participated in such activites
International Yoga Day	Mr. Venkatachalam Mr. Mahendran, Vivekananda	International Yoga Day	1	30

	Forum Yoga Trainer, Erode.			

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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
Nil	Nil	Nil	0

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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
Inplant Training	Inplant Training	Salem Steel Plant	10/12/2019	10/12/2019	5

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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
M/S Live wire,Erode	27/09/2019	Industrial Seminar	30
Sona Yukti Pvt Ltd	20/02/2020	Industrial Seminar	30

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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
32	30.8

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Newly Added
Class rooms	Newly Added
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	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 patially)	Version	Year of automation
Campes i Library	Fully	7.9.4	2008

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	30163	7810416	1175	380783	31338	8191199
Reference Books	580	330662	25	21333	605	351995
e-Books	0	0	8820	103160	8820	103160
Journals	0	0	125	289124	125	289124
e-Journals	0	0	3196	543048	3196	543048
Digital Database	0	0	1	13750	1	13750
CD & Video	2136	0	25	0	2161	0
Library Automation	0	6000	0	6000	0	12000

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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
Nil	Nil	Nil	Nill

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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	400	230	40	35	60	5	30	115	0
Added	0	0	0	0	0	0	0	0	0
Total	400	230	40	35	60	5	30	115	0

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

115 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
Nil	[Nil]

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 incurredon maintenance of physical facilites
3070000	2740514	1392000	1192435

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 physical facilities including Laboratories, Classrooms and Computers etc. are made available for the students those who are admitted in the college. The students seek admission to desired courses including a laboratory curriculum they are charged for the laboratory expenses at the time of the admission as suggested by the statutory body in addition to that a nonsalary grants are allocated for the maintenance of the laboratories and the classrooms which a part of the teaching and the learning processes. The classrooms boards and furniture facilities are utilized regularly by the students but sometime it is also made available for the other governmental and the nongovernmental organizations for conducting the exams like scholarships etc. if not in use for the said period. The maintenance and the cleaning of the classrooms and the laboratories are donewith the efforts of the nonteaching staff and in major cases the college goes for the maintenance contract to local experts. The college garden is maintained by the gardener appointed by the institute. The college has adequate number of the computers with internet connections and the utility software's distributed in different locales like office, laboratories, library, departments etc. All the stakeholders have equal opportunity to use those facilities as per the rules and the policies of the institution. The central computer laboratory connected in LAN is open for the students as time permits them, the office computers which are also connected through the LAN is consisting of the office software making work easier and systematic are restricted their use only to the appointed office staff. The library is also provided LAN facility for the computers and they are loaded with the library software. The departments and the staff can make use of the computer system with internet at their seating places in addition that majority of the staff has their own laptops and the internet providing instruments, all those computer related facilities are given a contract of their maintenance. The ICT Smart Class Rooms and the related systems are maintained with AMC of the corresponding service providers. Academic and Support Facilities. The academic support facilities like library, the sports and the other platforms supporting overall development o the students like NSS or Competitive examination cell etc. is open not only to the college students but also to all the stakeholder in the surrounding with prior permission of the authority. Accession to library is permitted at the cost of the deposits as caution money. A provision of the budget for the library maintenance is made by the college management. The activities like fumigation and keeping library clean is done frequently by library staff. The sport department of the college is meritorious and some credit defiantly goes to the adequate infrastructure of this department consisting of the Indoor Hall and the 400 meter running track which can be used by student and staff . The running track and the outdoor facilities are free to use for all the stakeholders.

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	Government Scholarship	831	21550715
Financial Support from Other Sources			
a) National	NST	273	4615700
b)International	NA	0	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
Tech Mahendra Mock Interview	10/08/2019	297	MOOC
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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 passedin the comp. exam	Number of studentsp placed
2019	GATE EXAM	4	0	0	0
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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
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Cognizant Technology Solutions	50	9	RAMDEV MOTORS	10	3
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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	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	1	B.E	EEE	SRMIST University,Chennai	M.B.A
2020	1	B.E	EEE	Anna University Chennai	M.B.A

No file uploaded.

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
GATE	0

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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
CRICKET	DISTRICT LEVEL	17

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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/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	YOGA	National	6	Nill	00	Gowtham T
2020	YOGA	International	1	1	00	Gowtham T

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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)

For addressing the problems of students on academic as well as administrative side, Class Committee Meeting will be conducted for all classes during starting week of every month. The students for this class committee will be selected based on their academic performance, hosteller Days scholar and based on the mode of transport of the students. For each class a separate teaching staff will be allotted who is not part of the department and who is not part of the academic classes. The reports of this Class committee meeting will be consolidated and this report will be forwarded to the concern in charges. The problems of the students will be rectified based on their requirement on various aspects such as academics, Canteen facilities, office works and Transport facilities.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?
Yes
Yes, the institution has a registered Alumni Association. The Association contains more than 1323 active alumnus.

5.4.2 – No. of enrolled Alumni:
2098

5.4.3 – Alumni contribution during the year (in Rupees) :
0

5.4.4 – Meetings/activities organized by Alumni Association :
Yearly Alumni meet will be organized in the month of August. • Alumni Interactions will be conducted occasionally in all departments. • During Fresher's day Alumni's will be invited to give their suggestions to their juniors. • During Annual Day Alumni's will be invited as a source of inspiration to the students.

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)

Nandha College of Technology encourages and promotes a culture of participative management by involving staff members in administrative roles and also in major college operations managed by committees constituted for academic and non-academic activities. Major committees comprise of teaching staff, non-teaching staff and students as well. The college has created a decentralized structure for decision making where departmental committees interface their decision with college committees. The academic committee is responsible for college time-table, allocation of co- curricular work, looking after the welfare of the students and preparing working guidelines for the effective functioning of the college. The management is participative and regular meetings are convened amongst the Management members, Principal, Faculty and students in implementing efficient plans and improvising the areas, which are to be taken care of instantly. So, the grievance in any form is addressed without any delay. The decentralized model is evident in every sphere as each department/faculty functions as a separate sub-unit, in deciding and implementing the student-centric programs and activities. The matters at the department level are discussed by the HOD with the faculty team in consultation with the Principal. This gives the faculty an enormous sense of belonging and pride in the institution. The participative style of the management as follows, • The meetings of the Principal with the Heads of the Departments make the administrative work decentralized. • Examination committee monitors all the activities relating to Internal Assessment Examination tests and University exams. • Examinations are conducted in line with the direction given by the Principal cum exam cell incharge. • The SIP wing takes care of training and placement activities. • Class Committee meeting, Discipline Committee, Anti-Ragging Committee, Admission Committee, Examination Committee, Placement Committee are the committees to name a few and the respective committee members take care of the related issues. • Faculty members take care of UGC/University/AICTE and NAAC related work. • IQAC contributes to the upliftment of academic quality in the institute. • It is often said, "Leaders don't create followers instead, they create more leaders." The adage goes good with regard to leadership grooming at the college, as a delegation of authority is entertained, thus leading to the emergence of new leaders.

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
Curriculum Development	**We are following the curriculum prescribed by the Anna University, Chennai, the gap between the institutions and the industries are being identified from the feedback received from all the stakeholders' viz., students, alumni, parents, academician, and industrial experts. Various events like value added course, workshop, seminar, conference, symposium, internship and industrial training have been organized to improve the technical skills of the students, through department association activities, academic committees meeting are organized to improve the quality of curriculum delivery methods.**
Teaching and Learning	**1. The tutorial classes are being conducted for analytical courses. 2. Institution has mentoring system that has been developed for the benefits of students through motivation process. The faculty monitors student's academic progress based on micro level analysis of test performances. Student record which contain semester attendance percentage, examination marks and family details along with co-curricular activities, extracurricular activities and performance of the students. Professional guidance is provided by arranging industrial seminar by eminent personalities from the industry. Innovative ideas of department are encouraged. Nandha College of Technology has Wi-Fi facility with 72 mbps bandwidth to promote and motivate students for self learning. The students of Nandha College of Technology have always explored new areas that are covered through seminar class. Students are actively involved in value added course and technical training which helps them for their career settlement, through Students Industrial Preparatory Wing. • Digital library section at the central library with internet access facility to access to DELNET, NPTEL online-source is available. • Nandha College of**

	Technology Central library uses 2401 e-books with subject titles covering various disciplines on the digital library through internet access. • All the students are given internet facility and access for 5205 e-journals download in IEEE, JGate, ASTM, Sage online journals. • Students are motivated to participate in variety of design and project contest throughout the year. • Papers and PPT's related to new subjects are downloaded and shared with the students. • Experiments beyond syllabus are conducted. Learning with multimedia • NPTEL videos for respective courses are available in college as e-material. • Communication lab facility. • LCD projects for presentation. Technical symposium Organizing annual events like national level technical symposium, National conference and project competition. Extra laboratory and library hours In order to satisfy the knowledge quest of students the institute has extended working hours for library, laboratory and internet centre. The library function from 9.00am to 7.00pm. Counselling system 1. Mentoring Cell is formed for the slow learners who are having 1-5 arrears. In the mentoring system the faculty members are allotted with the student team consisting of slow learners and toppers. The all clear student will support and motivate the slow learners in clarifying the doubts. 2. I – Win Club is formed for the students having more than five arrears. They also will be motivated by the faculty members for the betterment of the student and clearing the arrears. Evaluation The institution follows online feedback system effective to access various parameters of teaching faculty. The parameters are individually weighted and averaged to arrive the performance value for that theory and practical subjects for each semester. It really helps in evaluating faculty performance and finally contributing to the quality of teaching.
Examination and Evaluation	NCT organizes four unit tests and one model test which accounted for IAE marks of students. Unit tests of 1.5 hours duration and 50 marks are conducted. • The questions are designed to tests the following abilities. i.

	Recall: These are based on facts, principles formulae or laws of the discipline of the course. The student is expected to obtain the answer from his/her memory. ii. Understanding: The application oriented questions on the course is been put up to evaluate the student understanding. . For the unit tests faculty frame two sets of question papers Exam cell I/C would choose one question paper from the 2 sets for each course and submits to the examination cell for further processing. After the evaluation of the answer sheets the test coordinator in each program prepares a result analysis and submits to the principal. The students who have failed to score pass marks in the unit tests, special attention to improve the student's performance is been made.
Research and Development	• A separate research and development cell is functioning with RD coordinator. • Sharing 60 of revenue with the consultancy team. • Encouraging faculty to enhance their qualification (M.Phil/Ph.D) • Efforts are being taken to obtain research projects, Grants from funding agencies.
Library, ICT and Physical Infrastructure / Instrumentation	. Physical Infrastructure Nandha College of Technology is endowed with excellent physical infrastructural facilities. Our College has large infrastructure includes smart, spacious and ventilated class rooms, well equipped laboratories, seminar halls, Faculty rooms, Office, communication Laboratory, Conference hall, Yoga centre, Library, Internet and Wi-Fi facility in the whole building. For an academic year, a pre-defined academic calendar for odd semester and even semester is created respectively with the help of internal assessment schedule announced by Anna University, Chennai. Academic calendar includes the proceedings like semester starting date, number of working days, internal assessment examination, C-VAC schedule, holidays and other events. Based on the curriculum and syllabus, the Guest lectures, Seminars and Workshops are conducted for the academic excellence of the students and the faculty members. Internet facilities Nandha College of Technology has provided Internet Leased line of 48 Mbps,

connected throughout the Campus. Faculties and students are using internet after the regular working hours. This helps the students to update the latest technologies in various fields. 24x7 Internet facility is provided. Internet facilities are available in well-equipped internet lab with great speed of connectivity. The Internet helps the faculties for post the lectures notes and presentation documents on the college's e-portal. Wi-Fi facilities Nandha College of Technology making its entire campus as Wi-Fi (Wireless Fidelity) campus. Wi-Fi facility is provided through the Internet connection. 24x7 Wi-Fi facility is available throughout the college and hostel. There are more benefits of using Wi-Fi facility. It helps the laptop users with a wireless connection to the corporate network (intranet and Internet) for browsing, presentations and documents. Wi-Fi is available in all area including library, conference halls, canteen and hostels. This facility motivates the modern teaching and learning methodologies. As Wi-Fi security being an area of concern, the internet is secured with the firewall and web access is monitored by the CYBEROAM. The Wi-Fi system has been functioning with 17 Mbps (1:1) leased line connectivity provided by READYLINK. Library Based on interaction with the students and faculty members a list of books is suggested by the Library Committee. A concern authority will view the list and provide sanction for purchasing the books. Services in Library Library, a gateway to knowledge resources plays a vital role in acquisition, organization and dissemination of knowledge. The Library plays a major role in academic activities of the institution by maintaining and establishing the following library and information services, both quantitatively and qualitatively. • Bar-coded User Entry System • Personal Guidance in finding books • On-line full text access to international journals • Inter Library loan service • Current Awareness Service • Reference Services (Encyclopedia, Dictionary, Year-books, Handbooks and Previous year question

papers) • Open Access System • Internet Access • Display of information regarding new arrivals • DELNET(Developing Library Network) Service • Fully computerized bar-coded circulation services • Reprography(Xerox, Scanning, Print-out) • Online Public Access Catalogue (OPAC) at the library for search of books and other academic materials of the library such as CDs etc. • CD DVD Access Writing • On-site use to Textbooks, Reference books Back volumes and Print/Online journals inside the library • Wi-Fi Facility Digital Library Section The salient features of our Digital Library are Scanning Facility, Internet Access, e-Journal Access, IEEE Database Access, CD-ROM Facility, Reprography: Photo-copier Facility, Web OPAC, User interactive Information Browser: Providing Access to Digital Copies of Books and References, Interactive Audio Information System, Link with Academic Network-DELNET. 16 terminals with head phones and mikes are available in the Digital Library section with internet access facility to access the free e-books, DELNET, NPTEL IEEE ASPP Online resources. The Collection consists of 1631 free e-books, 1887 CD-ROMs, 130 NPTL Phase-I Video courses and 162, NPTL Phase-I Video courses. ICT Infrastructure Dot matrix printers, Laser printers, Internet switches, UPS, application software, systems software, Desktops, printers and LCD projectors. Features of IT infrastructure • 72 Mbps Bandwidth for internet with dedicated leased line. • 694 systems supported by Servers • Common Computer Centre with latest configuration computers for students. Sports Nandha College of Technology has always created a niche for itself in the field of sports. Our College has several sports facilities for indoor and outdoor games. Facilities for indoor games are also provided in the sports complex. Large play ground is available for outdoor games. • Play grounds for the games like Cricket, Football, Basket Ball, Volley Ball, and Kabbadi are separately available. Our college students have participated and achieved various awards and trophies at various Colleges. On duties are provided for

		the students to participate in zonal, district and state level Sports Meets. Sports day is being conducted every year for both boys and girls.
	Human Resource Management	HR cell is primarily concerned with the management of people within organization, focusing on policies and systems and Its function is to maximize the employee performance.HR cell is designed to look after employee benefits, recruitment, development, performance, and rewarding. Faculties are sent for various Training Programme (Industrial and Academic) and Workshops to enhance their competence. Work is distributed as per qualifications and experience on the specific domain of the faculty members. Performance Appraisal is mandatory based on which elaborate analysis is performed to eradicate the pitfall, on continuous monitoring basis. The Principal of the College is the academic head of the Institution. He looks after the academic activities of the Institution and maintains a cordial relationship with the management and all stakeholders. Faculty and Staff recruitment The faculty and staff recruitment process is done on the basis of merit. The vacancies arising at different points of time are notified in News Papers and Websites. The candidates are called for an interview based on the application received for the post submitted voluntarily (Online). Constitution of the Selection Committee is consisted of the Members of the Management, Principal, and HOD concerned and subject expert from outside. Initially a written test is being conducted for screening the candidates. In the interview, importance to their aptitude, communication skill, interest in teaching profession, educational qualification, specialization, professional competency, subject knowledge, attitude etc. are tested. The candidates completed their degrees from reputed Institutions are given due weight age. The College Committee will finally approve the selection and the Chairman will issue the appointment order to the selected candidate. AICTE and University norms are strictly followed in confirming their Qualification and eligibility criteria.

	Pay scales are also as per the AICTE State Government Norms.
Industry Interaction / Collaboration	• MoU's signed for various activities like consultancy, Student project, In-plant training, Industrial visit etc. • The industrial visit and In-plant training made mandatory for the students from the second year onwards. • Final year students are encouraged to do industrial projects. 6.2.2 : Implementation of e-governance in areas of operations: Planning and Development A smart Nandha system that is implemented at our institute provides with clear a path for planning our routine academic activities. Some of the activities supported by smart Nandha systems includes Attendence tracking, Students Profile, Timetable , Lesson plan, Internal Exam Schedule, Result Analysis both internal and University examinations, Students Absentees report, Grievance Redrassal etc., Our Smart Nandha System is crucial in establishing connections between Students, Faculty Members, and Corporates for growth. The system is primarily responsible for eliminating duplicate tasks, improving report generation accuracy, reducing costs, and increasing productivity. Consequently, our faculty colleagues can now allocate their valuable time for significant work because most of the manual tasks have been eliminated. Administration The e-governance system maintained at a centralized location helps major support in documenting student information, Faculty Details, Certificates and all other documents. This can eliminate duplicate work in various operations. Our institutions infrastructure is greatly enhanced by this automotive effective platform that assists the administration team in obtaining data from cloud computing anywhere, which greatly improves our institutions infrastructure. The e-governance system includes general administration of educational programs, division of labor, student supervision, faculty recruitment, student records management, annual report preparation, policy, policy and practice review, public relations affairs, and office supply management. Procurement, consumables, etc. Creating and submitting budget proposals, college

	development initiatives Profiles of faculty members, attendance data, employee service histories, salary calculations, etc. Through our college management system, all circulars, shared activities, and events planned by the department and college are distributed. Parents are also informed about a students performance in academic and extracurricular activities. Finance and Accounts Tally, an account maintenance program, successfully maintained the Institutes financial stability. The daily operations of the institute, such as tuition fees, hostel fees, mess fees, transportation fees, TDS, purchases, and payroll, are flawlessly accounted by Tally. Tally was also used to accurately account for other procedures such as Fees Payment Follow-Ups, Cash Flow Management, Income and Expenditure. The Institutes operational efficiencies have greatly increased as a result of the appointment of analytical experts. Our Office Analytical Experts closely scrutinized budget reports and Institute expenses. Every academic years beginning saw the collection of the budgets for Institute Annual Events and Department Events from the various in-charges. The Management would then receive an annual budget proposal based on the mentioned budgets. The college carries out routine audits to guarantee that all financial transactions are accurately recorded.
Admission of Students	The administration department of the institute plays an important role in welcoming and caring for the Students. The institute's updated website allows students to gain insight into the academic and non-academic activities carried out at the institution each day. Our institution has sufficient facilities to assist students and parents better in completing college application forms, answeringphonecalls, answering questions, paying tuition and exams, completing scholarship forms, preparing relevant references if necessary, etc to provide service administrative department. The institution website provides transparency in students and parents services and performs various administrative tasks including data

entry, reporting etc. Examination Our Institute has a Separate examination cell equipped with the ICT tools needed to conduct internal and University examinations. According to the guidelines of the controller of Examination of Anna University, Chennai, Our Examination cell is equipped with all necessary ICT tools and sufficient internet facilities. All University exam papers are published on the University internal portal and the exam cell is equipped with Printers and Copiers for printing out documents. The Examination Department ensures the implementation of all activities related to university examinations according to the academic calendar received from the university.

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

E-governace area	Details
Planning and Development	A smart Nandha system that is implemented at our institute provides with clear a path for planning our routine academic activities. Some of the activities supported by smart Nandha systems includes Attendence tracking, Students Profile, Timetable , Lesson plan, Internal Exam Schedule, Result Analysis both internal and University examinations, Students Absentees report, Grievance Redrassal etc., Our Smart Nandha System is crucial in establishing connections between Students, Faculty Members, and Corporates for growth. The system is primarily responsible for eliminating duplicate tasks, improving report generation accuracy, reducing costs, and increasing productivity. Consequently, our faculty colleagues can now allocate their valuable time for significant work because most of the manual tasks have been eliminated.
Administration	The e-governance system maintained at a centralized location helps major support in documenting student information, Faculty Details, Certificates and all other documents. This can eliminate duplicate work in various operations. Our institutions infrastructure is greatly enhanced by this automotive effective platform that assists the administration team in obtaining data from cloud computing anywhere, which greatly improves our

	institutions infrastructure. The e-governance system includes general administration of educational programs, division of labor, student supervision, faculty recruitment, student records management, annual report preparation, policy, policy and practice review, public relations affairs, and office supply management. Procurement, consumables, etc. Creating and submitting budget proposals, college development initiatives Profiles of faculty members, attendance data, employee service histories, salary calculations, etc. Through our college management system, all circulars, shared activities, and events planned by the department and college are distributed. Parents are also informed about a students performance in academic and extracurricular activities.
Finance and Accounts	Tally, an account maintenance program, successfully maintained the Institutes financial stability. The daily operations of the institute, such as tuition fees, hostel fees, mess fees, transportation fees, TDS, purchases, and payroll, are flawlessly accounted by Tally. Tally was also used to accurately account for other procedures such as Fees Payment Follow-Ups, Cash Flow Management, Income and Expenditure. The Institutes operational efficiencies have greatly increased as a result of the appointment of analytical experts. Our Office Analytical Experts closely scrutinized budget reports and Institute expenses. Every academic years beginning saw the collection of the budgets for Institute Annual Events and Department Events from the various in-charges. The Management would then receive an annual budget proposal based on the mentioned budgets. The college carries out routine audits to guarantee that all financial transactions are accurately recorded.
Student Admission and Support	The administration department of the institute plays an important role in welcoming and caring for the Students. The institute's updated website allows students to gain insight into the academic and non-academic activities carried out at the institution each day. Our institution has sufficient

	facilities to assist students and parents better in completing college application forms, answeringphonecalls, answering questions, paying tuition and exams, completing scholarship forms, preparing relevant references if necessary, etc to provide service administrative department. The institution website provides transparency in students and parents services and performs various administrative tasks including data entry, reporting etc.
Examination	Our Institute has a Separate examination cell equipped with the ICT tools needed to conduct internal and University examinations. According to the guidelines of the controller of Examination of Anna University, Chennai, Our Examination cell is equipped with all necessary ICT tools and sufficient internet facilities. All University exam papers are published on the University internal portal and the exam cell is equipped with Printers and Copiers for printing out documents. The Examination Department ensures the implementation of all activities related to university examinations according to the academic calendar received from the university.

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	Gowthami.J	NPTEL-Joy of computing using python	-	1000
View File				

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	Awareness Program on	Awareness Program on	20/08/2018	20/08/2019	20	23

Road Safety	Road Safety				

View File

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
Industrial safety engineering	2	07/07/2019	14/07/2019	8

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
6	6	8	8

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• 25 fee concession for their wards if they study in this group of institution. • 6 month Maternity leave for the female faculty members. • 10 days Medical leave for 4years above faculty members. • 12 days casual leave. • 24 days On Duty for attending Conference/ seminar/Research activities / Examination Purpose. • 28 days vacation leave for 2 or more Years Experienced Faculty Member. • Assured medical claim up to rupees 1 lakhs through group insurance policy. • Recommendation for getting personal loan from the bank at lowest interest rates. • Facilitating Faculty to pursue research. • 100 Fees concession in hostel boarding lodging charges if the faculty takes responsibilities of deputy warden.	• 25 fee concession for their wards if they study in this group of institution. • 100 fee concession if the faculty is a Bus incharge / coordinator. • 100 fee concession if the faculty is the deputy warden. • 6 month Maternity leave for the female faculty members. • 10 days Medical leave. • 12 days casual leave. • 8 days vacation during summer winter for those faculty who have experienced more than 2 years. • Assured medical claim up to rupees 1 lakhs through group insurance policy. • Recommendation for getting personal loan from the bank at lowest interest rates.	• 100 Tuition fee concessions for students Who scored high cut off marks in 2. • Scholarships for economically backward students from the trust • Scholarships for socially backward students from the trust. • Awards for academic rank holders. • Awards for achievers in sports and games. • Awards for achievers in co-curricular activities and extracurricular activities • Best outgoing student award. • Free transport facilities for student during medical emergency (Provison of emergency vehicle). • 50 funding for international internship to the student.Assist the student for getting passport through MBA department.

6.4 – Financial Management and Resource Mobilization

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

Sri Nandha Educational Trust is the registered charitable trust that governs the Nandha College of Technology, spearheads the discussion pertaining to the financial aspects. At NCT, a financial audit is performed on a yearly basis and the financial statements are certified by the registered Chartered Accountant. The institution has a very strong mechanism for conducting an internal and external audit. The yearly audit enables the stakeholders to know the state of the current financial position with which further actions are planned and processed. Year over year funds generated was properly utilized and the same has been duly certified by the competent authorities wherein no major audit objections were raised. Internal audit: The institution has own audit mechanism. A team consisting of CFO is responsible for thorough check and verification of all vouchers, supporting documents, records and books, e-statements of the transactions carried out in each financial year including budget estimation, utilization, cash transactions, bank reconciliation statements, test cheque and verifications of the events happened in the area of financial management. The mechanism of the internal audit includes: • Study of the trust deed and regulations. Examination of the previous financial statements. Evaluations of the internal control system. • Verification of the student`s fees register. • Authorization of fees concessions, controls and policies. • Examining the statutory payments to different bodies like EPF, ESI, PDS, Income tax, etc. • Examining the bank passbook. • Examining grants, sponsorships, deposits, payments, etc. • Cross-checking all procedures and educating to put control for transactions. • Inter-departmental stock checking reports. External audit: The external audit is carried out in an elaborate manner on a yearly basis by Mr.V.Rajamanikkam, Chartered Accountant. The institution accounts are audited regularly by both internal and statutory auditors. Minor errors in omissions and commissions pointed by the audit team are immediately rectified and the necessary precautions are taken to avoid references of such errors in the future. The mechanism of external audit: • Examining the procedures and policies and regulations. • Vouching for the receipts by payments, PO, etc. • Verify the salary payment, TDS, Income Tax, EPF, ESI, Professional Tax, Gratuity, etc. • Examining the property titles, approvals and fee payments to regulatory bodies. • Evaluating fee receipts. • Certify the audit reports. • Filing the Income Tax returns at the stipulated period.

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	Nil

View File

6.4.3 – Total corpus fund generated

0

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	No	NA	Yes	Committee constituted by Principal

Administrative	Yes	Mr. V.Rajamanickam	Yes	Mr.Sivaprakasam

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

• A parent meeting is held annually by every department in order to provide a space for parents to interact with management and staff members. • To discuss the progress, welfare, and complaints of Students, parents can call the mentors of their children at any time. • Mentors regularly communicate with parents to review students academic and extracurricular achievements.

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

• Training initiatives are carried out to enhance the soft skills of supporting workers. • At the institute, a number of clubs operate to promote the abilities of interested faculties. • Support workers provide a variety of consulting services to support the faculties.

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

The college regularly conducts comprehensive environmental assessments of the campus and implements sound ecological practices in water and energy conservation and waste management. Some of the initiatives include: • Adequate measures have been taken to improve scientific publication • Entrepreneurship development programs have been organized to motivate students • Eco-friendly campus initiatives are being implemented through various Club activities. • The entire college has improved RO plants.

6.5.5 – Internal Quality Assurance System Details

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

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	Nil	Nill	Nill	Nill	0
No file uploaded.					

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
Legal Awareness Programme	18/10/2019	18/10/2019	108	128

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
Rest Rooms	Yes	0

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	1	21/06/2019	1	NSS	Yoga day activities	30
2019	1	1	29/06/2019	1	NSS	General Awareness and road safety awareness programme	130
2020	1	1	27/02/2020	1	NSS	Blood Donation Camp	58

No file uploaded.

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Nil	Nill	Nil

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
International Womens Day	08/03/2019	08/03/2019	110

No file uploaded.

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

Plantation of medicinal plants Waste Water Recycling Rainwater Harvesting

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice – 1 Title of the Practice: Appreciation for academic Excellence 1. Objective: To reach the heights in academic excellence. 2. Context: To motivate the students to improve in their academics 3. Practice: Students who have got high percentage in their academics are encouraged by giving a memento in each academic year. These will encourage the students to have a competitive mind and to have an urge to study better. 4. Evidence of Success: The college results improved. 5. Problems Encountered and Recourses Required: The information regarding the students who have topped was collected from each department. The memento was presented to them in the context of the college technical fest. 1. Title of the Practice: Student Industry Preparatory Wing

(SIP) 2. Objectives of the Practice The objectives of the practice are as follows: •?Objective of the practices is to transform the teaching learning process with conceptual understanding and application orientation •?To orient the academic towards industry expectations to reduce the gap between industry and institution •?To incorporate laboratory practices with the objective of "practice engineering? rather than studying engineering 3. The Context •?The development of the students who are technically competent, professional with the acceptable level of employability skills is the basic requirement for any programme in engineering and technology •?The students will have to be motivated and prepared to be innovative and industry ready when they graduate •?The best practices in the industry will have to be exposes to the students and faculty, so that the outcome of the education is employability with professional competence •?Efforts should be made to bring out the best in the students and make the students to feel up to date and comfortable at work place. •?With this as the goal, an extensive industry institute interaction is planned and executed at the institution. 4. The Practice In order to accomplish this goal the following practices are in place •?The Internal Quality Assurance Cell also has members from the industry •?The student projects from the industry are jointly guided both by the faculty and the members from the industry •?The faculty members visit the industries regularly and also are being trained in the industry 5. Evidence of Success •?Industry Internship for 3 months to 6 months durations in the Industry for the students •?Technical Value added courses conducted by Industry experts •?Inplant training and Project work in industries •?Guest lectures, seminars by Industry experts •?Workshops organized in collaboration with Industries •?Faculty training in the Industries •?Consultancy services provided to the Industries 6. Problems Encountered and Resources Required •?Paradigm shift in the focus of the faculty members from regular teaching •?Establishing competence group amongst the faculty matching the industry expectations •?Financial support by the managemen

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
http://www.nandhatech.org/2014-03-24-17-55-32/2020-01-21-10-13-04/best-practice-17-18.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

RD Cell has been established to promote and monitor the research Programs of the College. The cell administers all the research Programs of the College by monitoring and coordinating the research Programs. It conducts the research review meeting to examine the quality of research being conducted by various teams. The Research Development Cell of every department takes immense efforts to expose the students to recent developments in the technology through innovative project works and paper presentations.

Provide the weblink of the institution
http://www.nandhatech.org/2014-03-24-17-55-32/rdd.html

8.Future Plans of Actions for Next Academic Year

The aim of this is to provide the quality technical education to the Students and Faculty of Engineering, Sciences, Technology, Management, and Humanities. To give a brief idea about the technological upgradation. Variety of programs and courses - Engineering, Science, Humanities, Management, are the disciplines of courses offered, which enables the students can learn in areas other than their expertise, interest and evaluate themselves on how they compare against the pool of students nationwide. The Certificates are issued to completed faculty and

students by MHRD These courses also bring out the self-learning initiative of the students – where their own motivation is what drives them to complete the course and not external compulsions. This fosters the habit of keeping oneself updated always by means of self-study.