



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

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 its own campus?	Yes
• Phone no./Alternate phone no.	04294222116
• Mobile no	7373714703
• Registered e-mail	principal@nandhatech.org
• Alternate e-mail	hodcivil@nandhatech.org
• Address	Pichandampalayam, Erode-Perundurai Main Road,
• City/Town	Erode
• State/UT	Tamil Nadu
• Pin Code	638052
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Rural

• Financial Status	Self-financing				
• Name of the Affiliating University	Anna university				
• Name of the IQAC Coordinator	Mr.Atthikumaran				
• Phone No.	09942080015				
• Alternate phone No.	9385480015				
• Mobile	9385480015				
• IQAC e-mail address	hodcivil@nandhatech.org				
• Alternate Email address	principal@nandhatech.org				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://nandhatech.org/wp-content/uploads/2023/07/AQAR-19-20.pdf				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	Academic calendar 2020-21 odd sem https://nandhatech.org/wp-content/uploads/2023/07/Academic-Calendar-2020-21-Odd-semester.pdf				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.05	2015	03/03/2015	03/03/2015
6.Date of Establishment of IQAC			20/01/2015		
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
Nil	Nil	Nil	Nil	Nil	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of IQAC			View File		

9.No. of IQAC meetings held during the year	2	
<ul style="list-style-type: none">Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	No	
<ul style="list-style-type: none">If No, please upload the minutes of the meeting(s) and Action Taken Report	View File	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none">If yes, mention the amount		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
<p>* Initiation of Research & Development activities * Familiarization of online teaching tools & its effective usage * Academic performance improvement * Increased the Alumni interaction * Increased the Placement Percentage</p>		
12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year		

Plan of Action	Achievements/Outcomes
To create the platform for linking all the alumni students	Through Alumni Association and Social networks maximum number of students are linked.
To increase the usage of the ICT tools in Teaching & Learning	The usage of the ICT tools in Teaching & Learning has been increased.
Academic Audit	Monitor the academic activities such as syllabus completion, performance of the student, etc.,
Proctor	All the Students are monitored individually for their academic and personal growth. Every 20 students are allotted to a proctor.
Internship	Students are motivated to undergo internship to gain skill and knowledge that is needed to work in a professional environment.
Feedback System	Students provide feedback on faculty, academic and nonacademic facilities. Feedback is considered as a measure in the individual faculty appraisal.
Research activities	The Institution has conducted various webinars, workshops, and FDPs to promote research in the areas of patents filing, improving research visibility, etc.
13. Whether the AQAR was placed before statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	

Name	Date of meeting(s)
Governing Council	14/02/2021

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2022	12/02/2022

15. Multidisciplinary / interdisciplinary

16. Academic bank of credits (ABC):

17. Skill development:

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

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

20. Distance education/online education:

Extended Profile

1. Programme

1.1 07

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

File Description	Documents
Data Template	View File

2. Student

2.1 870

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2

358

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

File Description	Documents
Data Template	No File Uploaded

2.3

336

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1

116

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2

116

Number of sanctioned posts during the year

Extended Profile

1.Programme

1.1	07
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	870
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	358
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	No File Uploaded

2.3	336
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic

3.1	116
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.2	116
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	26
Total number of Classrooms and Seminar halls	
4.2	58.50
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	351
Total number of computers on campus for academic purposes	
Part B	
CURRICULAR ASPECTS	
1.1 - Curricular Planning and Implementation	
1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process	
<p>Nandha College of Technology is affiliated with Anna University, Chennai, Tamilnadu, and follows the curriculum and syllabus framed for affiliated colleges and we have the following mechanisms for effective delivery of curriculum.</p> <ul style="list-style-type: none"> • At the beginning of a semester, The Principal chairs the meetings attended by Heads of Departments. The action plans are outlined for the optimal and effective implementation of the curriculum after that 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. Based on University academic schedule, the College academic calendar of events comprising the

reopening date, Internal Assessments date, and the syllabus coverage of Internal assessments and completion date for each unit is framed before the commencement of the semester

- Before the college reopens the academic readiness audit is conducted in every department to ensure all the course related documents like CO-PO mapping, Log book, lesson plan, and question bank to maintain the effective delivery of curriculum.

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

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

The University publishes the academic calendar for UG and PG programs at the start of the academic year. The Institution confirms effective time management and strictly follows timeliness given by the affiliating university (Anna University). The Institute adheres to the academic calendar through excellent planning.

This enables the faculty and students to space out their instruction, learning, and routine assessment. The academic calendar for the college is created based on the academic calendar of the linked institution. The same is accepted by the principal, and in the department meeting, topic allocation and other responsibilities are distributed based on faculty specialization. The department co-curricular events, exams, and college-wide celebrations are among the activities planned and carried out in accordance with the academic calendar of the college to enhance the quality of teaching and learning and assure timely delivery of the syllabus. The institution offers certificate programs and value-added courses like Add on courses to interested students.

To monitor the progress of the students, the Exam cell plays a

vital role in the conduction of internal tests and model examinations. The exam schedule is pre-planned and the tests were conducted like University Exam to create the same environment and atmosphere for the students. Exam cell announces the dates for submission of Question papers and entry of marks. Also, the Exam cell reminds the last date for portal entry.

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

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

D. Any 1 of the above

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

1.2 - Academic Flexibility

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

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

9

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

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

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

12

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

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

614

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

1.3 - Curriculum Enrichment

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

Gender Equality: Through Women Empowerment cell build up an equal opportunity for the development of girl students and female faculty members. There are many platforms for hands-on experiences related to gender equality which enable students to interface with real life situations such as webinars under Women Empowerment cell. Women's day is celebrated, where girl students and female faculty

members are actively participating. Environmental Sustainability: Environmental sustainability aims to improve the quality of earth's supporting ecosystems. In order to sensitize students about the environment and sustainability issues, a number of activities such as Eradication of Plastic Awareness Rally, Tree Plantation Camp, and Blood Donation camps were organized for students of all the departments. COVID'19 and Dengue Awareness programs are organized. Human values: Beside the syllabus, the institution organized programmes to inculcate human values in students and staffs ethical practices such as truthful information, facts, and unprejudiced approach are taught in content of syllabus. Webinar was conducted and the students of various departments are benefited by this.

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

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

5

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

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

254

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://nandhatech.org/wp-content/uploads/2023/07/NAAC-Criteria-1.4.1-20-21.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	No File Uploaded

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

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

File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	https://nandhatech.org/wp-content/uploads/2023/07/NAAC-Criteria-1.4.2-20-21.pdf

TEACHING-LEARNING AND EVALUATION**2.1 - Student Enrollment and Profile**

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year**148**

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

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)**2.1.2.1 - Number of actual students admitted from the reserved categories during the year****143**

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

2.2 - Catering to Student Diversity

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

Response: Learning Level Assessment: The college has a transparent mechanism to identify the learning levels of the students based on their academic performance. Student's learning levels are assessed by the Proctors and Academic Coordinators based on the performance in Continuous Assessment Tests and End Semester Examination results.

To maximize the skill based education and to enhance student's learning outcomes, the college provides pathways for learning opportunities. Slow learners Students are identified as slow learners and adequate support are provided to overcome academic difficulties by arranging video presentation, additional coaching classes and practice assignments. Students those who failed in analytical subjects are identified, particularly in Mathematics, special coachingclasses are conductedduring week ends.

Fast learners The institution encourages high performers to participate in competitions, the students are encouraged to participate in National and International level competitions,

conferences and Seminars. Further students are motivated to exhibit their ideas as projects in various events like Project expo, Ideathon, Hackathon, etc.

Advanced learners are allowed to take additional courses by choosing Open Electives and Professional Electives from the second year of study. Besides, the students can study one credit courses offered by industry experts and Add on course during the week ends.

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

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

Number of Students	Number of Teachers
902	120

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Nandha College of Technology has applied student-centric learning to promote Outcome-Based Education (OBE) through experimental, participative, and problem-solving methodologies. Effective Teaching Learning Process is achieved through regular course delivery to attain and to improve COs, POs & PSOs used for different level of students.

EXPERIENTIAL LEARNING PBL/RBL (Project Based Learning/Research Based Learning)

One Credit Courses

Summer Internship

Industry Visits

Guest Lectures, Seminar, Conference & Workshops As a part of academic development, Guest lectures, Career Oriented Lectures, Seminar, Conference and workshops are arranged by all Departments Association throughout the year. Through the association, the students are encouraged to attend Seminars and present papers in other reputed institutions.

PARTICIPATIVE LEARNING Professional Society Club Activities
PROBLEM SOLVING METHODOLOGY Projects that solve the problems of social relevance. Real time assignments and case studies enable the students to provide the solutions for real world problems. Students apply the theoretical Knowledge in Laboratory classes to solve specific problems.

Case study methodology enhances students problem-solving techniques Collaborative learning model is adopted to enhance problem solving skills Simulation tools and Virtual labs are effectively used to provide hands on experience to students in analytical/ Problem Solving approaches

File Description	Documents
Upload any additional information	View File
Link for additional information	Nil

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

The institute follows ICT enabled teaching for the effective learning process. It encourages faculty to use the best of the resources available and make the teaching-learning as an engaging experience for the students. The faculty members are using the ICT enabled learning tools such as PPT, Video clippings, Audio system, online sources to expose the students for advanced knowledge and practical learning. Classrooms are fully furnished with LCD/OHP/Computers in addition with chalk and talk method of teaching. ICT enabled Teaching-Learning Process is supported with Regular Practical Sessions, access to Digital Library, Online Courses, online journals, Online tests, Use of LCD projectors for seminars and workshops, accessibility of non-print material for students of different disciplines. Communication skills training facility is enriched with ICT tools to make the students acquire proficiency in listening, speaking, reading and writing skills. Internet and Wi-Fi facility is made available to students at free

ofcharge all over the campus to access information. Hostels are also equipped with computer labs and Wi-Fi facility to encourage learning. The institute extensively uses an intranet platform Ecampus system which is almost a mini ERP includes attendance, teaching record, learning resources.

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

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

2.3.3.1 - Number of mentors

1:10

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	No File Uploaded
Circulars pertaining to assigning mentors to mentees	No File Uploaded
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

120

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	No File Uploaded
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	No File Uploaded

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

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

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

- Nandha College of Technology is affiliated to Anna University, Chennai. For 2017 Regulations, The University prescribes 20% of marks for internal assessment and 80% of marks for university examination.
- Three Internal Assessment Examination (IAE) and One Model Exam are conducted every semester of the academic year for 2017 Regulation. The Model Examination covers the entire syllabus of a subject in order to make the students prepare for their university examinations.

For 2017 Regulations:**Internal Exam****Syllabus****Internal Exam I**

100% of Unit 1 and 50% of Unit 2

Internal Exam II

50% of Unit 2 and 50% of Unit 3

Internal Exam III

100% of Unit 4,5

Model Exam**Entire Syllabus**

- Internal examinations are planned based on the academic schedule received from the university.
- University pattern is followed for the preparation of internal examination question paper. This helps the students in managing time during university examination.
- Internal examination question paper along with the scheme for valuation is approved by Academic coordinator/Head of the department.
- Faculty evaluates the internal exam answer sheets within 3 days of the conduct of examination and the same is verified by Academic coordinator/Head of the department.

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

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

The internal assessment exam schedules are prepared as per the University norms and are communicated to the students well in

advance. Internal assessment question papers are set with Bloom's Taxonomy. Evaluation is done by the subject handling faculty members and the corrected answer scripts at random are verified by Head of the Department to ensure the standard of evaluation process. Grievances The corrected answer papers of the students are distributed to them for verification and their grievances are redressed by staff and still grievances exist, the Head of the Department and staff together redressed the grievances. Subject handling staff discusses the correct answer of the question with students to score good marks. Remedial coaching classes are conducted for slow learners and absentees in internal assessments.

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

2.6 - Student Performance and Learning Outcomes

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

Being an affiliated college, the Course Outcomes (COs) is provided by the Anna University's regulation, syllabus & Curriculum itself. The teachers & students are well aware of each program's Vision, Mission, Program Educational Outcome (PEO), Program Outcome (PO), Program Specific Outcome (PSO) through :- 1. The defined POs, PSOs and COs are displayed in the website for the respective programmes. 2. Display boards are kept in HODs cabin, faculty room, class rooms, seminar halls, laboratories, and department notice boards. 3. Available in documents like Brochures, Newsletters, and Parents communication letter. 4. Course Outcomes are displayed in all related academic documents. The selections of course by the faculties are done through their subject willingness and their subject expertise. The Course Objectives & Outcomes are described by the subject faculties to the students at the time of teaching-learning process such as Syllabus, Lesson Plan, Subject File, Course Material, Internal Question Papers (Bloom's Taxonomy), CO-PO mapping, Etc. In the aspect of quality assessment process, student's performance is seen as the realization of learning outcomes which are mapped with the course outcomes and evolved by implementing the attainment of student performance during the successful completion of a course/Programme.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	No File Uploaded

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

NCT has implemented Outcome Based Education system (OBE) for the evaluation of POs, & Cos based on Student's Performance through attainment levels. The Attainment levels are categorized as follows :- Continuous Internal Assessment Slight(Low) <50% scoring in internal examination Moderate(Medium) 61% - 70 Substantial(High) 71% -100% University Examination Slight(Low) <50% students scoring in End Semester Examinations Moderate(Medium) 61% - 70 Substantial(High) 71% -100% Attainment of COs The CO attainment is measured in two methods 1. Direct Method (Attainment);- The input parameters are considered for direct method is derived from Continuous Internal Assessment(Bloom's) & University results. 2. Indirect Method (Attainment);- For each Course Outcome is measured with the score of student exit survey. Attainment of POs & PSOs In every programme and course the POs are described to know the attributes of engineering graduates for the students. To compute the attainment levels of POs, the CO-PO mapping is carried out for all the courses. from semester I to end semester (VIII). Hence the average of PO attributes obtained in CO-PO mapping to be considered for the direct & indirect methods to achieve the attainment of POs.

In the similar ways of measures are done for PSOs.

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

2.6.3 - Pass percentage of Students during the year

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

336

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

[Nil](#)

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

2

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

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

3.1.2.1 - Number of teachers recognized as research guides

Nil

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	No File Uploaded

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

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

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

3.2 - Innovation Ecosystem

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

Our Institution provides healthy atmosphere, infrastructure, resources, confidence for enhancement of the capacity and competencies of students and teachers in research and innovative activities. All innovative and extension activities are student centric.

Various activities are conducted to nurture and nourish youth's minds. These activities help students to understand the various problems faced by the society.

Students are encouraged to actively involved in the application of Technology for societal needs. Necessary support is provided for Documentation, Publication of Research Papers and also for obtaining patents.

Awareness meets, workshops, seminars and guest lectures on Entrepreneurship are organized. Students are provided

opportunities to directly interact with outstanding entrepreneurs excelling in their field.

The sole objective of the Innovative club (i-Club) is to facilitate students to convert their Ideas into Technological Innovations. Students are provided facilities to build prototypes useful for promotion of Agriculture and Rural Development.

Workshops on emerging trends in Technology are held. Model Expos are held. Students are awarded cash prizes for best models. Students are encouraged to gain hands on experience and better Industrial Exposure.

This would be an added advantage to the students to further develop their Prototypes. Development of cost-effective society related projects are encouraged.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

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

3

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

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

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

8

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

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

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

23

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

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

5

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

3.4 - Extension Activities

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

Nandha College of Technology promotes regular engagement of faculty, students and staff with neighborhood community for their holistic development and sustained community development through

various activities.

Extension activities are planned with the objectives that the student should be able to understand the community in which they work or live, they should identify the needs and problems of the community and involve in problem solving process, to guide the students to utilize their knowledge in finding practical solution to develop leadership qualities and democratic attitude of students and to foster them in practicing national integration and social harmony. SVHEC effectively runs NSS, YRC and RRC Units. From these units, it organizes a seven day camp nearby adopted village and several activities are carried out by NSS volunteers addressing social issues which include cleanliness, tree plantation, Dengue awareness rally, Covid19 awareness, Environmental awareness, Blood donation camp, Health check up camp and Veterinary guidance. Extension activities help the students develop appreciating attitude towards other person's points of view and also so consideration to other living beings. Our institution encourages the young volunteers to develop their personality through community service and also motivate them for continuing their selfless service towards community work.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

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

0

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

3.4.3 - Number of extension and outreach programs conducted by the institution through

NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

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

0

File Description	Documents
Reports of the event organized	No File Uploaded
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

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

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

0

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

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

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

0

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	No File Uploaded

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

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

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	No File Uploaded
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The campus of Nandha College of Technology covers 10.05 acres and has a usable area of 21802 square meters. It includes classrooms with adequate ventilation, numerous laboratories, workshops, smart classrooms, a digital library, a computer centre, a centre for innovative learning programmes, a centre of excellence, an incubation cell, an auditorium, seminar rooms and outdoor stadiums.

To support a positive teaching-learning environment, the institution has policies for the creation and improvement of infrastructure. Based on student demand and departmental requirements, the need for infrastructure is continuously

assessed.

The necessary equipment is present in each department's classrooms to support the usage of an LCD projector and a laptop or computer for teaching and learning. There are internet-connected computers, public speaker systems and LCD projectors in the college's lecture rooms.

As required by university standards, the college's laboratories are well-equipped and regularly maintained. A LAN connects each of the 351 computers at the college.

This perspective results in ongoing infrastructural improvements for the institution. The number of classrooms in each department is sufficient for teaching both core topics and electives.

It also offers the option to hold lectures, tutorials and other program-related events.

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

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

The college offers plenty of facilities for students to compete in sports and games at the college, university, district, state and national levels. Students efficiently utilise the campus's indoor and outdoor game facilities both during and after class hours. Every year, the college hosts "ZONAL LEVEL TOURNAMENTS FOR VARIOUS GAMES" with the enthusiastic involvement of various universities.

Gymnasium Facilities:

Bench press, incline bench press, dumbbells, treadmill, triceps extension, shoulder press, biceps curl, inner and outer thigh abductor and more are included in the gym's equipment. Seated Chest Press, Butterfly, Seated Leg Curl, Leg Press, Smith Machine, Pour Station Multi-Functional Machine, Cable Crossover, Inclined Chest Press, T Bar Row, Kicking Leg Press, Adjustable Bench, Flat Bench, Weight Plate Tree, Vertical Knee Raise, Black Fixed Rubber Plates, Olympic Bar, Hex Rubber Dumbbells, Gym Bar, Cross Trainer

(Cycling) and Ten Pair Dumbbells Rack**YOGA CLASS:**

Yoga is a great gift to the human beings to maintain healthy mind and healthy body. Fine Arts club of the institution which functions from the year-2014, conducts Yoga and Meditation classes to students every year.

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

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.**28**

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)**4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)****58.50**

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template)	No File Uploaded

4.2 - Library as a Learning Resource

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

Teaching-Learning Facilities Nandha College of technology, provides an excellent teaching and learning atmosphere by inculcating various facilities listed below

Classrooms The class rooms are facilitated with all teaching aids like OHP, LCD Projector with Net & LAN connection to ensure overall development of students.

Laboratories The institution has provided separate lab facilities as per the norms of AICTE, New Delhi & Anna University, Chennai.

Computing facilities The college has provided computer centers with sufficient computers. All computers in the entire campus are connected by LAN and Internet. Wi-Fi facility is also available inside the campus.

Library The library functions under open access system which is fully computerized for issuing, searching and returning of the books. The bibliographical information of library is made available through OPAC (Online Public Access Catalogue). The Library has a separate digital library. It has a sufficient collection of audio / video materials, CDs, DVDs.

NPTEL Hard Disk and E- Journal subscriptions like Delnet, Gale - Cengage Learning, NDL and Open Source e-journals are available.

Incubation centre An incubation centre has been functioning to enable collaborative environment for startup companies and to provide a platform for students and to promote innovation driven activities at the institute.

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

4.2.2 - The institution has subscription for the A. Any 4 or more of the above

following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

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

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

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

10.34

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

210

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

4.3 - IT Infrastructure

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

Academic and administrative space are located on the college site.

The college has a thorough IT policy that enables a secure e-supported environment to assist and facilitate the teaching, assessment, research and administration of the institution.

The extensive wireless computing network constructed in every building allows students and lecturers to access the internet at any time. Each computer on campus has access to the internet and is connected to a local area network (LAN).

The campus needs to be digitally well-equipped for efficient classroom delivery, lab-oriented focused information sharing and knowledge assimilation in order to reach today's digitally born youth.

The conference room is completely outfitted with a PLUG & PLAY facility that is acoustically engineered to provide stage participants during guest lectures, seminars and workshops with an enriching learning experience.

The college has implemented an online feedback system on the same platform to enhance the teaching and learning process. All 318 workstations had access to the internet over a 100Mbps broadband connection.

All workstations are protected by licensed antivirus software (AVASTA), which is supplemented by firewall functionality to filter obtrusive content and keep tabs on browsing habits.

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

4.3.2 - Number of Computers

351

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	View File

4.3.3 - Bandwidth of internet connection in

A. ? 50MBPS

the Institution	
File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	No File Uploaded
4.4 - Maintenance of Campus Infrastructure	
4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)	
4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)	
34.00	
File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	No File Uploaded
<p>4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.</p> <p>A sufficient number of classrooms, laboratories and other academic infrastructure facilities are located on the institution's expansive campus. There are separate hostels for boys and girls.</p> <p>The college's Academic Council is responsible for the campus' routine upkeep. The Principal and the AO of the Institution receive the report from the maintenance council.</p> <p>The librarian and library assistants take care of the routine upkeep of the library, which includes acquiring new books, placing orders for existing books, maintaining the collection's resources and giving newspapers to students in various departments.</p> <p>A supervisor who works full-time on campus is in charge of keeping</p>	

an eye on the upkeep of the infrastructure that is accessible. Certain laboratories have annual maintenance agreements in place with the businesses that provided the apparatus and equipment for use in those labs.

UPS systems in the college guarantee a constant power supply for the college's computers. Battery and UPS maintenance is done correctly.

Regularly, the sweepers and scavengers maintain and clean the classrooms and restrooms.

The following duties are under the purview of the supervisor:

1. Servicing electricity supply cables and generators.
2. All structures and grounds
3. Make sure there are enough scavengers and sweepers to supervise.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

742

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

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

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

270

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

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

A. All of the above

File Description	Documents
Link to Institutional website	Nil
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

136

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

136

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

A. All of the above

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

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

171

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

5.2.2 - Number of students progressing to higher education during the year**5.2.2.1 - Number of outgoing student progression to higher education**

5

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

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

4

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

5.3 - Student Participation and Activities

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

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

4

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

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

Response:

Students Council:

Nandha College of Technology has an energetic students' council that includes office bearers from each department association.

Representation in Academic and Administrative bodies:

Students council members collect feedback about the curriculum and syllabi from classmates and represent the same in

? Suggestions / Grievances are registered in

? Class Committee Meeting

? IQAC Meeting

? Anti Ragging Committee Meeting

? Internal Complaint Committee

Representation in various Clubs and Professional Societies:

- ? R&D Cell
- ? Women Development Cell
- ? Circuit Debugging Club
- ? Embedded Club
- ? Animation Club
- ? Cultural Club
- ? Green Energy Club

Representation in Outreach activities:

- ? NSS
- ? YRC
- ? RRC

Representation in Professional Society and other activities:

Students are active members of various professional societies such as ISTE, IEEE, IETE and IEI, CSI, IET etc.,

These societies also play a major role in organizing various technical and non technical events in college level such as:

- ? Fresher's Day
- ? Sports day
- ? Teachers Day
- ? Alumni Induction Program
- ? Women's day
- ? Engineer's day
- ? Hostel Day

? Annual Day

? Innovation day

? Placement day

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

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

21

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	No File Uploaded

5.4 - Alumni Engagement

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

Response:

Alumni Association has been actively engaged during the last Eleven years for the welfare of the students, college and society. Students can become the members after course completion of the course.

Mentorship:

Alumni used to actively mentor their juniors in their technical aspects of their expertise. They use to share various motivational information through their experience in real world.

Placements:

The Alumni network of the college used to support students by providing opportunity for placements. Alumni entrepreneurs who started their business/start-up company used to recruit for their own concern.

Career Guidance:

Alumni's were invited through CDC (Career Development Cell) and EDC (Entrepreneur Development cell) for seminars, workshops and value added courses. Alumni, who are working in government based jobs, completed their higher education in reputed institutes, working in reputed core industries /software companies will be called for career guidance.

College Alumni Day:

Alumni meet used to happen by even semester of every academic year. They will be invited by their respective department coordinators & Heads through Telephonic means, emails, and personal invitations and by postal invitations.

Alumni contribution:

- Our enrolled Alumni are contributing to our institution as:
- Conducting seminars
- Supporting Placement
- Participating in career guidance program

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

E. <1Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision

To be Technical Institution with Global standard of Academic and Research for the need of Society and Industry.

Mission

To provide value based technical education to produce quality professionals and responsible citizens.

To perform state of art research and develop products to contribute to the Society and Nation.

Quality Policy

We, at Nandha College of Technology, as a dedicated team are committed to constantly and consistently work for the students' continual improvement in terms of Quality in Education, Ethics, Updated Technical Knowledge, Personality Development and Career Advancement to meet the global Challenges.

Guided by this vision and mission statement,

- To provide holistic education by combining technical excellence, human values, and life skills to young minds.
- To provide access to higher education for the under privileged.
- To develop a sensitive and responsible young force who have social commitments towards the larger section of the society.
- To induce a sense of humanity and the brotherhood among the students to promote good citizenship.
- The governing body of the college works in collaboration with the principal to regulate and maintain an amicable and holistic environment.

- The principal with the members of teaching and non-teaching implements the decisions and policies of the management.

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

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

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.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The quality policy of the college is in alignment with the Anna University. Many of the academic quality policies are framed and implemented through various committees of the college which are monitored by the principal. The college has regularly enhanced infrastructure and developed capacities for teaching and research according to the changing academic and social environment. Under the leadership of the principal, many strategic imperatives are identified and necessary efforts are taken to improve the thrust areas. They are

1. Enhanced Teaching & Learning
2. Attending faculty development program
3. Improving infrastructural facilities
4. Enhancing research and consultancy
5. Employability of students
6. Co-curricular activities
7. Extra-curricular activities
8. MoUs
9. Public relations
10. Alumni association.

Faculty Development Programs are organized at regular intervals in order to facilitate the teaching team about recent advancement in their respective discipline. It has been ensured over the years that each department is provided with projector facilities and the teaching fraternity has constantly been encouraged to adopt the above facilities for teaching while imparting their courses. It is worth mentioning that 24 x 7 uninterrupted Wi-Fi facility brings in necessary value addition.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

The strategic decision related to mobilization of the resources for infrastructural and instructional facilities comes under the direct perusal of the management. They conduct meetings with the principal and HoD's to ensure the execution of the annual action plan.

The members of faculty and students are given the freedom to express their ideas and suggestions to the head of the department/institution.

The principal is the chief executive of the college who co-ordinates all the activities of the college. The decisions related to academics like workload calculation, purchases, time tables, maintenance of infrastructure, admissions, etc. are taken by the management.

Chairman, Secretary, Advisor, CEO, CFO, guides Administrative Officer, Teachers & supporting staff who report to the principal about all the function of the college. The college has a well-defined organizational structure in the administration.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	Nil
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	A. All of the above
File Description	Documents
ERP (Enterprise Resource Planning)Document	No File Uploaded
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File
6.3 - Faculty Empowerment Strategies	
6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff	
<p>Welfare measures for teaching staffs,</p> <ul style="list-style-type: none"> • 25% tuition fee concession for their wards if they study in this group of institution. • 6 month Maternity leave for the female faculty members. • 10 days of medical leave for 4 years and above experienced faculty members. • 12 days casual leave. • 24 days On Duty for attending Conference/seminar/Research activities / Examination Purpose. • 28 days vacation leave for 2 Years and above experienced faculty member. • 1 Lakhs sum assured medical claim Group Insurance Policy for all the Faculty members. • Recommendation to avail personal loan from the bank at lowest interest rates. <p>Welfare measures for non-teaching staffs,</p> <ul style="list-style-type: none"> • 25% tuition fee concession for their wards if they study in this group of institution. • If the staff is a Bus in-charge / coordinator free transport facility provided. • If the staff is the deputy warden free boarding and lodging. • 6 month Maternity leave for the female faculty members. 	

- 10 days Medical leave.
- 12 days casual leave.
- 8 days vacations leave for 2 years experience faculty members in summer & winter semester.
- 1 Lakhs sum assured medical claim group insurance policy for all the staff members.
- Recommendation to avail personal loan from the bank at lowest interest rates.

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

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

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

17

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

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

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

1

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

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

22

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

Appraisal for teaching Staff:

The institution had implemented the system of performance appraisal in the academic year 2014-2015. Staff members of our

college are given the opportunity to carry out self-assessment which helps them to identify where they stand, and what skills they possess.

Staff self-appraisal is carried out through a well-structured staff self-appraisal form, which is to be filled and submitted by each faculty at the end of every academic session. Research publications by the faculty members play a vital role in the appraisal of staff. Faculty members are also evaluated on the aspects of execution of the responsibilities and their leadership effectiveness in heading these committees.

The Heads of the Departments evaluate these self-appraisal forms and give suitable recommendations to the Management which in turn evaluated by the Principal and the Secretary before arriving at decisions regarding the appraisal.

Appraisal for Non-teaching Staff:

The Principal and the Administrative Officer observe the performance of the non-teaching staff. They discuss their opinions and views among them and try to assess their performance. Appreciation is given to high scorers and counseling is offered to those who lag behind.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

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

Internal audit:

The institution has own audit mechanism. A team consisting of CFO is responsible for 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.

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.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)**6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)**

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	No File Uploaded

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

Nandha College of Technology established in 2008 as a self-financing college offering 6 UG and 3 PG programs. There has been an incredible progression in the growth of Nandha College of Technology in terms of quality and quantity.

The following are the sources through which the college generates income:

1. Institution mobilizes funds primarily through the student tuition fees collection.
2. Sri Nandha Educational Trust oversees and is responsible for the major expansion and infrastructure development of the college.
3. Grants from Government bodies.
4. Collection of bus fees from the students.
5. Collection of hostel and mess fees from the students.

The institution has a well-defined mechanism to monitor effective and efficient utilization of available financial resources, for the development of the academic processes and infrastructure. Board members of management frame resources and expenditure policy.

Board of management also implements a budgetary policy like funds allocation to departments, laboratory, sports, infrastructure, maintenance, and others. The annual budget is prepared by the accounts department and submitted to the board of management for approval. For the majority of the institutional financial needs and requirements, funds generated from fee collection are utilized.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5 - Internal Quality Assurance System

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

The IQAC is a part of the institutions organization and installation towards the realization of the goals of quality

enhancement. The prime duty is to develop a system for conscious, consistent and catalytic improvement in the performance of the institution. IQAC shall evolve mechanisms and procedures for ensuring the successful completion of academic and administrative tasks, optimization and integration of modern methods in teaching and learning, facilitating the quality education and faculty involvement to adopt the required knowledge, technology for participatory teaching and learning process.

IQAC was formed in 2015. It functions efficiently under the leadership of the Head of the Institution and IQAC Coordinator in accordance with the guidelines framed by NAAC. It supervises all the academic matters of the institution and suggests measures for achieving excellence. The follow up meeting is held with the management to ensure the implementation of suggestions.

IQAC emphasizes the following key aspects to exalt the entire quality system.

- To intense curricular aspects with value-added course, enrichment programs, and life skills program.
- To accentuate feedback collection, analysis, and review.
- To strengthen the admission process, student diversity, teachers quality, teaching-learning process, and learning outcome.
- Result-analysis, research and extension activities including FDP are intensified.

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

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

The institution reviews its teaching-learning process and learning outcomes periodically through IQAC, utilizing the following methods:

IQAC monitors logbooks preparation by every teacher based on the academic calendar, which includes plans for coverage of portions, schedule of internal test and dispatching of progress reports to

the parents.

The Class Committee Meetings are conducted monthly once. Feedbacks from students are collected during these meetings, which are analyzed by the Principal and IQAC members. Accordingly, proper counseling is given to the concerned faculty members and corrective measures are taken.

Special classes are conducted towards remedial coaching for slow learners after the working hours. This is followed by Parent-Teacher meeting and the parents are requested to take personal care of their ward's studies at home.

The departments are advised to maintain the following records:

- Department profile
- Staff and Student profile file
- Curriculum and syllabus
- University Result Analysis, Internal Marks, Lesson plan and Pass percentage.
- Project details
- Value Added Course
- Details of first-class & distinction list.
- List of awards and recognition received by the faculties.
- Extension activities
- Seminars/guest lecturers/conferences/workshop conducted
- Industrial visit
- Student counseling
- Modern teaching equipment
- Student Grievance-Redressal issues
- Alumni Student details
- Parent-Teacher Association

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

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

B. Any 3 of the above

initiatives with other institution(s)
Participation in NIRF any other quality audit
recognized by state, national or international
agencies (ISO Certification, NBA)

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

GENDER EQUITY

Gender Sensitization is an important area to address gender justice and gender equality issues. The Institute also organizes various programs and events at regular intervals in order to spread awareness about gender sensitization. It is acknowledged that gender discrimination is a part of gender sensitization.

In order to obtain the progressive awareness among students towards gender issues, awareness campaigns on gender sensitization are regularly organized for the students of the Institute. The core objective of gender sensitization program is to bring definite orientation in the thinking practices and approach of individuals concerning gender.

Women Development Cell was established in the year 2018. The main role of Women Development Cell is to accentuate general well-being of the girl students, teaching and non-teaching women staff of Nandha College of Technology.

International Women's Day being celebrated every year with the presence of chief guests from various fields like medicine, agriculture, advocate etc.,

Parents and tutors are timely informed before and after the counselling and the same reports will be handed over by the counsellor to the parents at the earliest. Protective and secure rooms have been allocated to ensure good health and hygiene of the students.

File Description	Documents
Annual gender sensitization action plan	https://nandhatech.org/wp-content/uploads/2023/07/WDC-Action-Plan-20-21.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	Nil

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

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Waste Management Policy

1. Introduction:

NCT strongly believes that the cleanness of the environment is one of the prime factors of education. A clean environment automatically boosts our self-confidence, learning ability and better focus.

2. Objective:

- To keep our campus clean and healthy
- To create awareness of minimizing, reusing and disposal of waste

3. Policy Content & Guidelines

1. The system to ensure effective segregation, as well as its disposal, with the intent of diverting as much waste generated as possible away from the landfill and instead to recyclers and reuse.
2. The bins will be placed according to the volume of the traffic as well as the estimated types of waste generated.
3. The instructions about segregations and visible bins should be made prominent and effective communication and coordination to ensure that the bins are not full or overflowing, and that they are not displaced.
4. The Bio gas plant supports the disposal of food waste.
5. Vermicompost pit incorporate for solid waste management.
6. E-waste bins for separates e-wastes.

4. Execution of Activities:

- Seminars/ Workshops are conducted in regard of various waste management systems and the public awareness .
- Respective condemned items are handed over to the waste management hub.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

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

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

D. Any 1 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

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

Nandha Collge of Technology has implemented several measures to make the college as inclusive campus Promotion of diversity and inclusivity. We our Campus encourage multi-faceted talent search programs as wellas to strength then our cultural and moral values of the soil. We believe in unity in diversity ,so that our students

respect the different religion, language and culture. We feel that college is our second home and all faculty as a family member.

We greet and wish each other at different festivals and invite them to have a feast and get introduced with one's culture to have amicable relations and to maintain the religious, social and communal harmony. Different sports and cultural activities are organized inside the college to promote each other commemorative days like Tamil Mandram, Yoga day, Fresher's day, Pongal day, Blood donor day, ayudhapooja, Tree plantation day, Holi festival day are celebrated in the college to establish positive interaction among people of different racial and cultural backgrounds. Students have formed various clubs at the campus level which also support and propagate the idea of diverse cultures.

Social connect with rural people, residing in and around the institute are encouraged to respect the cultural, communal, socio-economic and linguistic values of the local people

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	No File Uploaded

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

Initiatives for cultural and regional diversity

The Institution provides an inclusive environment for everyone by advocating tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities.

The institution provides a culturally inclusive environment with mutual respect, effective relationships and effective rapport.

Opportunities in Programmes and Activities

Equal opportunities are provided to the students in various activities conducted throughout their course of study irrespective of their caste, creed, and religion.

Celebrations and Events

The Institution celebrates regional and national festivals and birth anniversaries of national heroes and leaders through cultural programmes and oratorical sessions.

Initiatives for Linguistic diversity

English is utilized as a medium of teaching in all the classrooms to bridge the gap between the region-specific teaching and the expectations of the students of the other states.

Initiatives for Communal diversity

The students and the faculty of all the communities and religions are a part of this temple of learning which shows that the institute strives to provide conducive environment for all.

Initiatives for Socio economic diversity

The students hail from poor family to rich, from the rural areas, study in the institute.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	Nil
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website. There is a committee to monitor adherence to the Code of Conduct. Institution organizes professional ethics programmes for students, teachers, administrators and other staff. 4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	No File Uploaded
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	No File Uploaded

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

01.06.2020 to 31.05.2021 During the period the Institution has taken efforts for organizing & celebrating various activities as follows. The institution has Organized various events for the above period with online and physical mode with invited guests, the following events are conducted.

1. Republic day Celebration 2. Swami Vivekanandar Birth day Celebration 3. Jawaharlal Nehru Birthday Celebration 4. Sir C V Raman Birthday Celebration 5. A.B.J Abdul Kalam Birthday Celebration 6. Gandhi Jayanthi Celebration 7. Teachers day Celebration 8. Independence Day Celebration 9. Yoga day Celebration

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Best Practice No.1 Students Career Development Programme (SCDP)
Objectives: To impart personal and career related support through employability skills training. **The Context:** Majority of rural background students lag in these following skills: Presentation

skills Communication skills Soft skills Leadership quality Problem Solving Skills

The Practice: Placement training is conducted for developing the above skills. Evidence of Success: 80% of the students got placed.

Problems Encountered: Smart phone is not affordable Network issue

Resources Required: To be providing minimum cost of smart phones.

Best Practice No.2 Mentor system for the students: Each faculty plays the role of a mentor for 10 to 20 students through online.

Objective: To counsel them for solving their problems and increase their confidence to improve their career. The Context: Mentors take care of the students till their graduation. The Practice: Mentors

the frequency of counseling is 2 times per the semester, usually after the first internal and also before the third internal.

Evidence of Success: Improved students' attendance records, semester results and placements Minimized students drop-out rates

Problems Encountered: Absence due to poor network. Hesitation to share family problems and health issues Resources Required:

Emotionally connectivity of mentors with students. If required refer to psychiatrist.

File Description	Documents
Best practices in the Institutional website	Nil
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

VISION "To become a premier technical institute by producing value based competent professionals with scientific temper, team spirit and ethical value". Competency and Skill Development The institute has signed MoUs (Memorandum of Understanding) value driven training and programmes/workshops/seminars to enhance student's competency level. Center of Excellence for Industry Innovation & Practice (CEIIP) The institute has already established with incubation centers (SS Technovation, Caliber Embedded) through which Technical Training Programs and Innovative projects are done during the academic year 2020-2021.

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year
<p>Future Plans of Actions for Next Academic Year (2021-2022) To get the permanent affiliation from Anna University To get recognized by UGC in the category of 12(B) To get National Board of Accreditation in the upcoming year To establish research centre and get recognition for the same</p>