YEARLY STATUS REPORT - 2021-2022

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.N.Atthikumaran**	
• Phone No.	**09385480015**	
• Alternate phone No.	**9942080015**	
• Mobile	**9942080015**	
• 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-20-21.pdf	
4.Whether Academic Calendar prepared during the year?	**Yes**	
• if yes, whether it is uploaded in the Institutional website Web link:	https://nandhatech.org/wp-content/uploads/2023/07/Academic-calender-2021-22-Odd-sem.pdf	

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.05**	**2015**	**03/03/2015**	**02/03/2020**

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**	**0**

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	
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	No	
• 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	
• If yes, mention the amount		

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

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

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
Intensive placement training for all the students	Percentage of placements increased with the help of the training.
Digital platform for placement practice tests	Digital platform to practice test are introduced
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**

- Name of the statutory body

Name	Date of meeting(s)
Governing Council	**14/02/2022**

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2023	**19/01/2023**

15.Multidisciplinary / interdisciplinary

Nil

16.Academic bank of credits (ABC):

Nil

17.Skill development:

Nil

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

Nil

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

Nil

20.Distance education/online education:

Nil

Extended Profile

1.Programme

1.1   **7**

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

File Description	Documents
Data Template	[View File]()

2.Student

2.1   **807**

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	[View File]()

2.3   **172**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	[View File]()

3.Academic

3.1   **112**

Number of full time teachers during the year

File Description	Documents
Data Template	[View File]()

3.2   **122**

Number of sanctioned posts during the year

Extended Profile

1.Programme

1.1	**7**
Number of courses offered by the institution across all programs during the year	

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

2.Student

2.1	**807**
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	[View File](#)

2.3	**172**
Number of outgoing/ final year students during the year	

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

3.Academic

3.1	**112**
Number of full time teachers during the year	

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

3.2 Number of sanctioned posts during the year	**122**

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

4.Institution	
4.1 Total number of Classrooms and Seminar halls	**28**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**47.92**
4.3 Total number of computers on campus for academic purposes	**351**

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

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.

• 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.

• 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.

During the academic year to close the curricular gap. The academic calendar is displayed on the College website and in all Department notice boards. Every working day, holiday, seminar, workshop, sports day, guest lecture, assessment date, and celebration is

listed on the academic calendar.

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   **C. Any 2 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

8

File Description	Documents
Any additional information	View File
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)

13

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

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

547

File Description	Documents
Any additional information	<u>View File</u>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<u>View File</u>

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 EQUITY Institution has functional Women Development cellHeaded by senior faculty members who look into theproblems of girl students regarding personal and Academics. Girlsand Boys rooms are available with all the amenities. StudentsGrievances and Redressal Committee has been established forcounselling of students on received grievances.

HUMAN VALUES A necessary part of curriculum is to inculcate goodhuman values among students. Our Institute always believes to makeeach student a good human and an ethical Engineer. Counseling andmentoring committee headed by senior faculty members to take care ofhuman values.

ENVIRONMENT AND SUSTAINABILITY Our Institute is a green campus

consisting of more treesand plants which helps in surplus oxygen supply in the surroundingenvironment. College follows plastic free and smoke free campus. College has beenconducting various social events such as tree plantation, rallies,and seminars,

PROFESSIONAL ETHICS Institute has equal importance about professional ethics along withacademics because knowingly and willingly should not involve in wrong behaviors. Professional ethics encompasses personal andcorporate standards of behavior expected by professional. Thestudents of different branches in Engineering and Management studyProfessional Ethics that address right and wrong or good and evil.

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

8

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	**No File Uploaded**
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

119

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://nandhatech.org/wp-content/uploads/2023/07/NAAC-Criteria-1.4.1-21-22.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-1.4.2-21-22.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

235

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

235

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

In general practice,before the commencement of teaching of any coursethe faculty interact with their students and came to know their medium of education, subject stream,areas of interest and their skills.During the class hours every faculty identifies the slow andadvance learners by interacting with them. During the course of time, we have conducting assessment exam to assess the learning levels of the students.This evaluation process comprises written exam,practical exams with viva,project, written assignment and class performance. Advanced learners and slow learners are identified on the basis of involvement in classroom performance and in first internal test. Faculty members conduct extra classes for slow learners after class hours,which will help the weak students to cope up with the portions they are lagging behind.Faculty mentors provide counseling to the students for their improvement.Slow learners take the advantage of extra classes conducted by the faculty for one to one interaction and to clarify their doubts. Slow learners are well-motivated to study well without any burden. Simple home-work assignments are periodically given to them.Departments conduct remedial classes for slow learners beyond the regular class hours.

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
807	**112**

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

Experiential learning Experiential learning is the process of learning through experience i.e., "Hands on learning".Hands on learning for students are provided in the following ways: The students are involved in doing mini projects during their course of study. They will be provided an opportunity to display their projects in Innovation day which is conducted every year. Best mini projects will be selected and converted into products through I club. Students are encouraged to apply their innovative ideas to apply for patent.

Participative learning The participative learning is practiced in order to enhance the technical knowledge of the students. Minimum one industrial visit per year per class. Peer learning – Seminars by Alumni& placed students, group learning activities are regularly practiced. Organizing Guest lectures, seminars and workshops by inviting experts from Industries and academia. ICT supported learning like NPTEL, Swayam and Alison courses included in the regular academic schedule.

Problem Based learning Brainstorming is a time-honored method of generating ideas and coming up with creative ways to solve problems. Group learning method is used to facilitate the teaching and learning practice conducted for tough subjects. Tutorials are being conducted where each student participates in the problem solving.

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

Faculty use ICT enabled classrooms with audio-visual systems and Wi-fi facilities for student centric learning through power-point presentations, e-learning platforms, films and deployment of other innovative programme media. The website of the institution has uploaded classroom teaching videos and students have free access to them. Libraries are well-stocked with latest textbooks and reference material, and students have easy access to journals and a plethora of e-resources.

The ICT facilities and other learning resources are adequately available in the institution for academic and administrative purposes. The institution deploys and employs ICTs for a range of activities. The digital classroom with new technology makes the learner/teacher tech savvy while using all modern teaching aids like LCD projectors, audio-video system, podium, furniture etc. The Institute subscribes various online resources like IEEE, Digital Library and DELNET. The faculty is encouraged to use the above online resources along with NPTEL videos for a better teaching-learning environment.

Google class room is used to enhancestudents learning- All course curricula, session plan, time table, reading material etc. are uploaded online. Students can also access their time table, attendance, result etc. on mobile. Each faculty is allotted a desktop computer with internet facility.

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

112

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
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

112

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

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

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

10

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers

147

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

- **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.**
- **Theory courses, the continuous internal assessment carries 40 marks while the End Semester University examination carries 60 marks (2021 Regulations). Theory courses with laboratory component, the continuous internal assessment carries 50 marks while the End Semester University examination will carry 50 marks. For all laboratory courses, the continuous internal assessment carries 60 marks while the End Semester University examination carries 40 marks.**
- **Three Internal Assessment Examination (IAE) and One Model Exam are conducted for academic year for 2017 Regulation. Two Internal Assessment Examination (IAE) and One Model Exam are conducted for academic year for 2021 Regulation.**

2021 Regulations:

Internal Exam

Syllabus

Internal Exam I

100% of Unit 1, 2 and 50% of Unit 3

Internal Exam II

50% of Unit 3 and 100% of Unit 4,5

Model Exam

Entire Syllabus

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

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

- **College Examination Cell adopts transparent mechanism for the conduct of examination.**
- **The institute is affiliated to Anna University, Chennai and follows the academic schedule sent by the university before the commencement of each semester. Academic schedule sent by the university is communicated to the students through**

circular.

- Internal exams are conducted as per the schedule given in the Anna university academic schedule and also aligned with web portal entry period.
- Class committee meeting is conducted thrice in semester to get grievances from students for every subject.
- Internal assessment examination schedule is informed to the students through circular, and college/department notice board.
- Test coordinators of each department monitors the student's attendance. Tutors of students will also discuss with the parents and the reasons stated are recorded in the student's database.
- Within 3 days of the completion of examination, answer sheets are evaluated, verified by the academic co-coordinator/ Head of Department and are distributed to the students.
- Class tutors consolidate the subject marks and attendance percentage of all subjects and enters in the Anna university web portal only after receiving approval from Head of Department and Principal. Students may also view it through their login id given.

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.

- Program Outcomes (PO) prescribed by Anna University, Chennai for affiliated institutions are followed.
- Program Outcomes (PO) and Program Specific Outcomes (PSO) are displayed in the college website department wise (http://www.nandhatech.org/).
- Course Outcomes (CO) are given to the students and explained on the commencement of classes in each semester.
- PO and PSO are notably displayed on department notice boards and laboratories.

The Institution has defined Vision and Mission statements and departments has its own objective and goals which are formulated

in accordance with Institution's vision and mission.

Program Educational Objectives (PEOs): To enable graduates to pursue higher education and research, or have a successful career in industries associated with Computer Science and Engineering, or as entrepreneurs.

Program Outcomes POs: To Achieve,

1.Engineering knowledge 2.Problem analysis 3.Design/development of solutions 4.Conduct investigations of complex problems 5.Modern tool usage 6.The engineer and society 7.Environment and sustainability 8.Ethics 9.Individual and team work

Program Specific Objectives (PSOs) 1.To analyze, design and develop computing solutions by applying foundational concepts of Computer Science and Engineering. 2.To apply software engineering principles and practices for developing quality software for scientific and business applications. 3.To adapt to emerging Information and Communication Technologies (ICT) to innovate ideas and solutions to existing/novel problems.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional information	https:/www.nandhatech.org
Upload COs for all Programmes (exemplars from Glossary)	View File

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

The attainment of PO, PSO, COs are evaluated by institution through internal & external assessments. The PSOs are in tune with the expectation of the professional bodies and the society. The program outcomes are carefully fixed studying the graduate attributes and blending those appropriately to suit the program being offered.

Attainment of Course Outcomes The efficiency of assessment of the Course Outcomes (COs) can be validated with the help of performance in Internal Assessment and Course End Semester University Examination.

Direct/Internal Assessments Internal Assessments are conducted periodically as per the schedule given by the University and the COs of the respective courses is assessed based on the performance of the students.

For each course, attainment level of all course outcomes is arrived at rigorously based on the student performance in the internal and external examinations. Similarly, the feedback at the end of course is taken to assess the course outcome indirectly. Thus, the CO attainment is a combined result of direct and indirect assessment. This in turn helps in arriving at the PO assessment as each CO is mapped with certain POs and PSOs.

Question papers are prepared based on the Bloom's Taxonomy. Each question is categorized by the Cos.

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

167

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)

https://nandhatech.org/wp-content/uploads/2023/07/SSS-Survey.pdf

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)

7.23998

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

1

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

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

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

1

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	View File
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

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

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. It enables them to find out solutions on them. 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. 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	View File
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

2

File Description	Documents
Report of the event	View File
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

3

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	View File

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

57

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

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

7

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 National Service Scheme (NSS) unit takes part in various initiatives like organizing camps, Drug abuse prevention programme, Swatch Bharat initiatives in neighborhood villages, conducting orientation programmes and awareness programmes for village people on current issues. The College also has Youth Red Cross (YRC), which focuses to mould students to be not only innovators, explorers, scientists etc., but also to be the best engineers with social consciousness to transform into nation builders. Awareness programmes arranged for Covid-19 and also organized camps for Nila Vembu Kasahayam for the common people as a precautionary measure for Corona virus. Student volunteers of social clubs were sent to The Erode Book Fair for guiding school students and visitors. India is the birth place of Yoga and by participating in International Yoga Day students become global stakeholders in ensuring healthy body and mind. Yoga club of the college organizes International Yoga Day for all the students to ensure a healthy life style by reliving themselves from the mental stress and also helps in maintaining the fitness both physically and mentally. Nandha Blood Donors Club (NBDC) 'Uyir Thuli 'functions in the college to ensure safe and sufficient blood supply for the needy.

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

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

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

0

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

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

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

1

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

20

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

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

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

96

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

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

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

2

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

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. Co-curricular events like seminars, guest lectures, workshops, symposiums, conferences and faculty development programme's take place in these halls. 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. Many visual staging halls have been built by the college since it strongly believes that learning should be done through a visual medium.

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. The College also plans a variety of athletic events on our campus. Every year, the college hosts "ZONAL LEVEL TOURNMENTS FOR VARIOUS GAMES" with the enthusiastic involvement of various universities. There are facilities for both indoor and outdoor games, including weightlifting, table tennis, shuttle, carom, chess, basketball, cricket, hockey, volleyball, ball badminton and basketball.

Gymnasium Facilities:

Bench press, incline bench press, dumbbells, treadmill, triceps extension, shoulder press, biceps curl, inner and outer thigh abductorand 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.

10

File Description	Documents
Upload any additional information	View File
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)

5592900

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

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

Library of Nandha college of Technology function as the leading information resource center and is a warehouse of books, journals, magazines, newspapers, and e-resources for staff and students facilitating activities in the institution. Other than text books, the library houses a growing collection of reference books, materials, journals, magazines, periodicals, dictionaries,Rare books and encyclopedias, etc. Likewise, the library facilitates access to a number of e-journals and e-books through INFLIBNET,Jgate, IEEEand British council library e-consortiums. There are 1780CDs, 40 VCDs and 256 DVDs available in this section.More than 50 audio-visual motivation e-books are available for improving communication skills.Our library is networking with DELNET (Developing Library Network) and MANLIBNET for resource sharing.3344 online International and national journals in

Management, Engineering & Technology.The collection of the library includes Books, Journals, Magazines, Project report, Question Bank, Newspaper back files and other richest collection in the Fields of Management studies, Science and Technologies.The library has a separate section for Audio Video Cassettes, CD-ROMS, Journals, Magazines, Internet services and Reference books like Bibliographies, Encyclopedias, Dictionaries etc. library is computerized using campus I-lib automation software version 5.5.7 year of automation 2008, which helps the Students and Staff members to search any type of library documents.

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

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources   A. Any 4 or more of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	No File Uploaded

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)

7.55

File Description	Documents
Any additional information	View File
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

1007

File Description	Documents
Any additional information	View File
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

The college campus houses both academic and administrative space. The college has a comprehensive IT policy to support and facilitate teaching, evaluation, research, and administration of the college through a secured e-supported environment. All the buildings get wide wireless computing network that allows faculty and students to log on the internet at any point of time. All the computers in the campus building are connected with LAN and provided with internet facility. The internet connection to all the users is secured with individual username and password. To reach the digitally born children of these days, the campus should be digitally well equipped for effective classroom delivery, lab oriented focused information sharing and knowledge assimilation. There are six labs in the college with internet facilities for the students and teachers. These labs are well equipped with teaching aids such as LCD projectors. The conference hall is fully equipped acoustically designed PLUG and PLAY facility to give enriching learning experience for stage holders during guest lectures, seminars, and workshops. On the same platform, the college has deployed Online Feedback System for the betterment in the teaching and learning process.The internet facility provided to all the 351 work stations with 48Mbps broadband width.

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 the Institution

B. 30 - 50MBPS

File Description	Documents
Upload any additional Information	**No File Uploaded**
Details of available bandwidth of internet connection in the Institution	[View File](#)

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

2203204

File Description	Documents
Upload any additional information	[View File](#)
Audited statements of accounts	[View File](#)
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	[View File](#)

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The institution has an extensive campus accommodating an adequate number of classrooms, laboratories and other infrastructural facilities for academic activities. The routine committee ensures the optimum utilization of the classrooms, Sickroom is also available for needy students during examinations& working time. The requirement & the issues are discussed in the meeting and the necessary steps are taken. The management allocates sufficient fund for the upkeep of the infrastructure and equipment maintenance every year. The librarian and library assistants look after regular maintenance of the library which includes rising purchase and order of books, procurement of books, maintenance of the materials and in the library, distribution of newspaper to the student of various department. There is a full-time supervisor available on the campus and is responsible to monitor the maintenance of the infrastructural facilities available. An adequate number of qualified programmers are available in the computer laboratories and is responsible for the maintenance of computers. They also take additional responsibility to take care of maintaining the computers in the campus. The computers in the college are provided with uninterrupted power supply through UPS units. Cleanliness and Maintenance of all buildings and grounds. Supervice an adequate number of sweepers and scavengers.

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

604

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	*View File*
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 benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

376

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	**No File Uploaded**
Details of capability building and skills enhancement initiatives (Data Template)	*View File*

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

134

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

134

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

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	**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

129

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

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

5

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

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

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

1

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

5.3 - Student Participation and Activities

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

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

24

File Description	Documents
e-copies of award letters and certificates	**No File Uploaded**
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at unive rsity/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)

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

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., through professional societies, guest lectures, seminars, workshops, symposiums, project expo and Hackathon are organized.

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

Involving students in various administrative bodies, helps to sharpen interpersonal skills, leadership skills and team work. This involvement has strengthened the bonding between students and institution.

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

10

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

5.4 - Alumni Engagement

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

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. We provided an opportunity for the present students to interact with their seniors through an Alumni meet.

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.

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
- Sharing current opportunities in network across globally.etc..

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

5.4.2 - Alumni contribution during the year (INR in Lakhs)   D. 1 Lakhs - 3Lakhs

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	https://nandhatech.org/vision-and-mission/
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	View File
Paste link for additional information	https://www.nandhatech.org
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies,

administrative setup, appointment and service rules, procedures, etc.

The 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	<u>View File</u>
Any additional information	**No File Uploaded**
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	**No File Uploaded**

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

Welfare measures for teaching staffs,

- **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.**

Welfare measures for non-teaching staffs,

- **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.**

Insurance: All the staff members of Nandha College of Technology are covered under life insurance with Star Health Insurance

Company and the premium has duly paid till date. The group insurance scheme taken for the welfare of the NCT staff community.

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

32

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

61

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	[View File]()

6.4 - Financial Management and Resource Mobilization

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

Sri Nandha Educational Trust is the registered charitable trust that governs the Nandha College of Technology, spearheads the discussion pertaining to the financial aspects. At NCT, a financial audit is performed on a yearly basis and the financial statements are certified by the registered Chartered Accountant. The institution has a very strong mechanism for conducting an

internal and external audit. The yearly audit enables the stakeholders to know the current financial position with which further actions are planned and processed.

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.

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

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	**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)	[View File](#)

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	[View File](#)

6.5 - Internal Quality Assurance System

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

The 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 file**
- **Curriculum and syllabus**
- **University Result Analysis, Internal 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	<u>View File</u>

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	**Nil**
Upload e-copies of the accreditations and certifications	<u>View File</u>
Upload any additional information	<u>View File</u>
Upload details of Quality assurance initiatives of the institution (Data Template)	<u>View File</u>

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

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 program deals with issues pertaining to the relationship between men and women, struggles with discrimination, sexual harassment, new forums for justice.

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. The primary objective of this cell is to empower Women in all aspects to work with dignity and to have working environment safe and to enhance appropriate work conditions in respect to health and hygiene. WDC conducts awareness programmes which support their physical and mental health as well as to create social awareness about the problems of women in general and gender discrimination in particular by means of programmes like lectures, and seminars.These programmes help to identify Women Welfare Laws in order to inculcate self-reliance among them.

A Counsellor has been appointed by the college for assessing the regular activities of the girls and to identify their problems and help them to settle down their issues.

File Description	Documents
Annual gender sensitization action plan	https://nandhatech.org/wp-content/uploads/2023/07/WDC-Action-Plan-21-22.pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	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

C. Any 2 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

NCT has initiates, implements, promotes and practically led environmentally sustainable practices in our college campus.

Objective:

- **To keep our campus clean and healthy**
- **To create awareness of minimizing, reusing and disposal of waste**
- **To incorporate different strategy for different kind of waste.**

Policy Content & Guidelines

- **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.**
- **The bins will be placed according to the volume of the traffic as well as the estimated types of waste generated. Based on this the required number of bins, their placement and their signages can be arranged.**
- **The Bio gas plant supports the disposal of food waste.**
- **Vermicompost pit incorporate for solid waste management.**
- **E-waste bins for separates e-wastes.**
- **A separate system is incorporated for bio medical waste.**

Execution of Activities:

- **Seminars/ Workshops are conducted in regard of various waste management systems and the public awareness also done through social clubs of various departments.**
- **Respective condemned items are handed over to the waste management hub. MoU's are signed with appropriate contractors for removal and disposal of all waste items.**

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   B. Any 3 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: A. Any 4 or All of the above

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

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the   C. Any 2 of the above

**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	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

**7.1.7 - The Institution has disabled-friendly,
barrier free environment Built environment
with ramps/lifts for easy access to classrooms.
Disabled-friendly washrooms Signage
including tactile path, lights, display boards
and signposts Assistive technology and
facilities for persons with disabilities
(Divyangjan) accessible website, screen-
reading software, mechanized equipment
5. Provision for enquiry and information :
Human assistance, reader, scribe, soft copies
of reading material, screen   reading**

B. Any 3 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 College of Technology provides an inclusive environment for

students to contribute their timelyservice to the society apart from their regular academics. The college has initiated 'Nandha Blood DonorsClub' to ensure safe and sufficient blood supply for the needy. The college also organizes Eye Camp forpublic. The main aim of the club is to create awareness among the people and provide them variousservices like Eye care education, full eye checkups, medical care, etc.. and to prevent the people fromgetting major eye disorders. We also nurture environmental responsibilities among the students byorganizing tree plantation drive to keep earth green and pollution free. Moreover the college is always keenin keeping the students hale and healthy. Apart from the social camp Humour oriented programs are also arrangedin the college. Itaims at stress relief and encourages one's Humour talent. The program helps to bring the funny side of theindividual.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

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

The Institution provides an inclusive environment for everyone by advocating tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. Various activities like Annual day, Women's Day, Unity Day, Science Day, Yoga, etc. are organized to promote an inclusive environment. Further Socioeconomic awareness programs like Youth awakening day, Helmet awareness for public, Book Day rally, Blood donor camp and various rallies are organized to the general public which in turn inculcate the students with some responsibilities within them. Religious festival like Onam is celebrated inside campus and Diwali is celebrated with orphanage children and the funds raised from the college are being donated to orphanages. A variety of clubs like NSS, Road Safety, YRC, Tree plantation, etc. are included in the curriculum under Personality and Character Development.

The institution provides a culturally inclusive environment with

mutual respect, effective relationships and effective rapport. Everyone has the freedom to express their own opinions and equal opportunity to participate in teaching, learning, and social activities. The institution believes in equality of all cultures and traditions as it is evident from the fact that students belong to different caste and religion are studying in the college without any discrimination.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://nandhatech.org/wp-content/uploads/2023/08/7.1.9.pdf
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	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

To build a nation of youth who are noble in their attitude and

morallyresponsible, the College celebrates nationally important days.

15th September- Engineer's Day Engineer's Day, the birth day of Sir Mokshagundam Vishweshvaraya is celebrated on 15thSeptember of every Year. The meeting will include special lectures by eminent industrialists on the latestthemes for economic development through high quality engineering education.

8th March – International Womens' Day College celebrates International Women's Day on 8th March to celebrate the economic, culturaland political achievements of women. Every year the best women entrepreneur and social activist areinvited to educate the girl students about the health, safety and role of women in economic development ofa family and society.

15th August – Independence Day Independence Day celebrated at the College by hoisting the National Flag infront of the Administrative block by the Principal. On this day tributes are paid to the freedom fighters whosacrificed their lives to gain the freedom for India.

26th January - Republic Day

Republic Day celebrated by the college every year and Principal, Faculties and students will attend the ceremony.

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.

1.Student Industrial Preparatory Wing

SIP wing is formed to bridge-up the knowledge and practical skill set required by the industries on emerging technologies as and

when required. The industries don't find time to train the recruited students, they want the students to be ready for day one to take over the job responsibility.

In order to fulfil the industry, we formed SIP wing consisting of coordinators from each department and formulated the programmes to fulfil the industry needs for the department specific domine (current technology).

2.Student Skill Development Programme

Naan Mudhalvan is skill development platform under Tamil N?du Skill Development Corporation (TNSDC) aims to provide dynamic information for college students on courses and relevant information about industry specific skill offerings. This will enable the students to get training in their chosen field of interest that will help them in achieving their career goals.

For Students:

• Access to Industry relevant skilling modules on technology skills, personal skills and organization skills.

• Mentorship support from across the world.

• The Tamil N?du Government forge partnerships with colleges.

• Hosting Skilling Initiatives on their campus.

• Chance to participate in placement drives across organizations.

• Online access to e-learning content.

File Description	Documents
Best practices in the Institutional website	https:/www.nandhatech.org
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

CAREER SETTLEMENT

Nandha Stake holders i.e., Students & Parents expects Career Settlement, irrespective of their Educational Knowledge, Financial problems & Family Backgrounds.

In order to settle down the stack holder's expectation, NCT is working on each and every nook and corner to settle every student in their career, in the areas of

- Higher Education
- Competitive Exams

PLACEMENTS:

Creamy layer students are trained for External outbound training for Aptitude, Verbal, Programming, etc.,

Company Specific Training for the MNC's like TCS, CTS, Capgemini, Infosys, Wipro, DXC.

Below Creamy layer students are trained for Hands on Training in Practical's,

HIGHER EDUCATION

Higher Education, Orientation & Guidance is given for students, Letter of Recommendation [LOR] to perform (MS Program's) higher studies at abroad

ENTREPRENEUR'S DEVELOPMENT

Entrepreneur's – Orientation & Expect talks are given to initial startups and guidance is given until they start-up their business.

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

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.

• 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.

• 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.

During the academic year to close the curricular gap. The academic calendar is displayed on the College website and in all Department notice boards. Every working day, holiday, seminar, workshop, sports day, guest lecture, assessment date, and celebration is listed on the academic calendar.

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 | C. Any 2 of the above

programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

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

1.2 - Academic Flexibility

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

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

8

File Description	Documents
Any additional information	View File
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)

13

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

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

number of students during the year

547

File Description	Documents
Any additional information	View File
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 EQUITY Institution has functional Women Development cellHeaded by senior faculty members who look into theproblems of girl students regarding personal and Academics. Girlsand Boys rooms are available with all the amenities. StudentsGrievances and Redressal Committee has been established forcounselling of students on received grievances.

HUMAN VALUES A necessary part of curriculum is to inculcate goodhuman values among students. Our Institute always believes to makeeach student a good human and an ethical Engineer. Counseling andmentoring committee headed by senior faculty members to take care ofhuman values.

ENVIRONMENT AND SUSTAINABILITY Our Institute is a green campus consisting of more treesand plants which helps in surplus oxygen supply in the surroundingenvironment. College follows plastic free and smoke free campus. College has beenconducting various social events such as tree plantation, rallies,and seminars,

PROFESSIONAL ETHICS Institute has equal importance about professional ethics along withacademics because knowingly and willingly should not involve in wrong behaviors. Professional ethics encompasses personal andcorporate standards of behavior expected by professional. Thestudents of different branches in Engineering and Management studyProfessional Ethics that address right and wrong or good and evil.

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

8

File Description	Documents
Any additional information	[View File](#)
Programme / Curriculum/ Syllabus of the courses	**No File Uploaded**
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

119

File Description	Documents
Any additional information	[View File](#)
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	[View File](#)

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the	**A. All of the above**

institution from the following stakeholders Students Teachers Employers Alumni

File Description	Documents
URL for stakeholder feedback report	https://nandhatech.org/wp-content/uploads/2023/07/NAAC-Criteria-1.4.1-21-22.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-1.4.2-21-22.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

235

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

235

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

In general practice,before the commencement of teaching of any coursethe faculty interact with their students and came to know their medium of education, subject stream,areas of interest and their skills.During the class hours every faculty identifies the slow andadvance learners by interacting with them. During the course of time, we have conducting assessment exam to assess the learning levels of the students.This evaluation process comprises written exam,practical exams with viva,project, written assignment and class performance. Advanced learners and slow learners are identified on the basis of involvement in classroom performance and in first internal test. Faculty members conduct extra classes for slow learners after class hours,which will help the weak students to cope up with the portions they are lagging behind.Faculty mentors provide counseling to the students for their improvement.Slow learners take the advantage of extra classes conducted by the faculty for one to one interaction and to clarify their doubts. Slow learners are well-motivated to study well without any burden. Simple home-work assignments are periodically given to them.Departments conduct remedial classes for slow learners beyond the regular class hours.

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
807	112

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

Experiential learning Experiential learning is the process of learning through experience i.e., "Hands on learning".Hands on learning for students are provided in the following ways: The students are involved in doing mini projects during their course of study. They will be provided an opportunity to display their projects in Innovation day which is conducted every year. Best mini projects will be selected and converted into products through I club. Students are encouraged to apply their innovative ideas to apply for patent.

Participative learning The participative learning is practiced in order to enhance the technical knowledge of the students. Minimum one industrial visit per year per class. Peer learning – Seminars by Alumni& placed students, group learning activities are regularly practiced. Organizing Guest lectures, seminars and workshops by inviting experts from Industries and academia. ICT supported learning like NPTEL, Swayam and Alison courses included in the regular academic schedule.

Problem Based learning Brainstorming is a time-honored method of generating ideas and coming up with creative ways to solve problems. Group learning method is used to facilitate the teaching and learning practice conducted for tough subjects. Tutorials are being conducted where each student participates in the problem solving.

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

Faculty use ICT enabled classrooms with audio-visual systems and Wi-fi facilities for student centric learning through power-

point presentations, e-learning platforms, films and deployment of other innovative programme media. The website of the institution has uploaded classroom teaching videos and students have free access to them. Libraries are well-stocked with latest textbooks and reference material, and students have easy access to journals and a plethora of e-resources.

The ICT facilities and other learning resources are adequately available in the institution for academic and administrative purposes. The institution deploys and employs ICTs for a range of activities. The digital classroom with new technology makes the learner/teacher tech savvy while using all modern teaching aids like LCD projectors, audio-video system, podium, furniture etc. The Institute subscribes various online resources like IEEE, Digital Library and DELNET. The faculty is encouraged to use the above online resources along with NPTEL videos for a better teaching-learning environment.

Google class room is used to enhancestudents learning- All course curricula, session plan, time table, reading material etc. are uploaded online. Students can also access their time table, attendance, result etc. on mobile. Each faculty is allotted a desktop computer with internet facility.

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

112

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
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

112

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

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

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

10

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers

147

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

- **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.**
- **Theory courses, the continuous internal assessment carries 40 marks while the End Semester University examination carries 60 marks (2021 Regulations). Theory courses with laboratory component, the continuous internal assessment carries 50 marks while the End Semester University examination will carry 50 marks. For all laboratory courses, the continuous internal assessment carries 60 marks while the End Semester University examination carries 40 marks.**
- **Three Internal Assessment Examination (IAE) and One Model Exam are conducted for academic year for 2017 Regulation. Two Internal Assessment Examination (IAE) and One Model Exam are conducted for academic year for 2021 Regulation.**

2021 Regulations:

Internal Exam

Syllabus

Internal Exam I

100% of Unit 1, 2 and 50% of Unit 3

Internal Exam II

50% of Unit 3 and 100% of Unit 4,5

Model Exam

Entire Syllabus

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

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

- **College Examination Cell adopts transparent mechanism for the conduct of examination.**
- **The institute is affiliated to Anna University, Chennai and follows the academic schedule sent by the university before the commencement of each semester. Academic schedule sent by the university is communicated to the students through circular.**
- **Internal exams are conducted as per the schedule given in the Anna university academic schedule and also aligned with web portal entry period.**

- **Class committee meeting is conducted thrice in semester to get grievances from students for every subject.**
- **Internal assessment examination schedule is informed to the students through circular, and college/department notice board.**
- **Test coordinators of each department monitors the student's attendance. Tutors of students will also discuss with the parents and the reasons stated are recorded in the student's database.**
- **Within 3 days of the completion of examination, answer sheets are evaluated, verified by the academic co-coordinator/ Head of Department and are distributed to the students.**
- **Class tutors consolidate the subject marks and attendance percentage of all subjects and enters in the Anna university web portal only after receiving approval from Head of Department and Principal. Students may also view it through their login id given.**

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.

- **Program Outcomes (PO) prescribed by Anna University, Chennai for affiliated institutions are followed.**
- **Program Outcomes (PO) and Program Specific Outcomes (PSO) are displayed in the college website department wise (http://www.nandhatech.org/).**
- **Course Outcomes (CO) are given to the students and explained on the commencement of classes in each semester.**
- **PO and PSO are notably displayed on department notice boards and laboratories.**

The Institution has defined Vision and Mission statements and departments has its own objective and goals which are formulated in accordance with Institution's vision and mission.

Program Educational Objectives (PEOs): To enable graduates to

pursue higher education and research, or have a successful career in industries associated with Computer Science and Engineering, or as entrepreneurs.

Program Outcomes POs: To Achieve,

1.Engineering knowledge 2.Problem analysis 3.Design/development of solutions 4.Conduct investigations of complex problems 5.Modern tool usage 6.The engineer and society 7.Environment and sustainability 8.Ethics 9.Individual and team work

Program Specific Objectives (PSOs) 1.To analyze, design and develop computing solutions by applying foundational concepts of Computer Science and Engineering. 2.To apply software engineering principles and practices for developing quality software for scientific and business applications. 3.To adapt to emerging Information and Communication Technologies (ICT) to innovate ideas and solutions to existing/novel problems.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional information	https:/www.nandhatech.org
Upload COs for all Programmes (exemplars from Glossary)	View File

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

The attainment of PO, PSO, COs are evaluated by institution through internal & external assessments. The PSOs are in tune with the expectation of the professional bodies and the society. The program outcomes are carefully fixed studying the graduate attributes and blending those appropriately to suit the program being offered.

Attainment of Course Outcomes The efficiency of assessment of the Course Outcomes (COs) can be validated with the help of performance in Internal Assessment and Course End Semester University Examination.

Direct/Internal Assessments Internal Assessments are conducted

periodically as per the schedule given by the University and the COs of the respective courses is assessed based on the performance of the students.

For each course, attainment level of all course outcomes is arrived at rigorously based on the student performance in the internal and external examinations. Similarly, the feedback at the end of course is taken to assess the course outcome indirectly. Thus, the CO attainment is a combined result of direct and indirect assessment. This in turn helps in arriving at the PO assessment as each CO is mapped with certain POs and PSOs.

Question papers are prepared based on the Bloom's Taxonomy. Each question is categorized by the Cos.

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

167

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)

https://nandhatech.org/wp-content/uploads/2023/07/SSS-

Survey.pdf

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)

7.23998

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

1

File Description	Documents
Any additional information	[View File](#)
Institutional data in prescribed format	[View File](#)

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

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

1

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	View File
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

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

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. It enables them to find out solutions on them. 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. 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	[View File](#)
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

2

File Description	Documents
Report of the event	[View File](#)
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

3

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	[View File](#)

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

57

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

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

7

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 National Service Scheme (NSS) unit takes part in various initiatives like organizing camps, Drug abuse prevention programme, Swatch Bharat initiatives in neighborhood villages, conducting orientation programmes and awareness programmes for village people on current issues. The College also has Youth Red Cross (YRC), which focuses to mould students to be not only innovators, explorers, scientists etc., but also to be the best engineers with social consciousness to transform into nation builders. Awareness programmes arranged for Covid-19 and also organized camps for Nila Vembu Kasahayam for the common people as a precautionary measure for Corona virus. Student volunteers of social clubs were sent to The Erode Book Fair for guiding school students and visitors. India is the birth place of Yoga and by participating in International Yoga Day students become global stakeholders in ensuring healthy body and mind. Yoga club of the college organizes International Yoga Day for all the students to ensure

a healthy life style by reliving themselves from the mental stress and also helps in maintaining the fitness both physically and mentally. Nandha Blood Donors Club (NBDC) 'Uyir Thuli 'functions in the college to ensure safe and sufficient blood supply for the needy.

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

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

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

0

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

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

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

1

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

20

File Description	Documents
Report of the event	[View File](#)
Any additional information	[View File](#)
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	[View File](#)

3.5 - Collaboration

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

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

96

File Description	Documents
e-copies of related Document	[View File](#)
Any additional information	[View File](#)
Details of Collaborative activities with institutions/industries for research, Faculty	[View File](#)

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

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

2

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

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. Co-curricular events like seminars, guest lectures, workshops, symposiums, conferences and faculty development programme's take place in these halls. 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. Many visual staging halls have been built by the

college since it strongly believes that learning should be done
through a visual medium.

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. The College also plans a variety of
athletic events on our campus. Every year, the college hosts
"ZONAL LEVEL TOURNMENTS FOR VARIOUS GAMES" with the
enthusiastic involvement of various universities. There are
facilities for both indoor and outdoor games, including
weightlifting, table tennis, shuttle, carom, chess, basketball,
cricket, hockey, volleyball, ball badminton and basketball.

Gymnasium Facilities:

Bench press, incline bench press, dumbbells, treadmill, triceps
extension, shoulder press, biceps curl, inner and outer thigh
abductorand 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.

10

File Description	Documents
Upload any additional information	View File
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)

5592900

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

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

Library of Nandha college of Technology function as the leading information resource center and is a warehouse of books,

journals, magazines, newspapers, and e-resources for staff and students facilitating activities in the institution. Other than text books, the library houses a growing collection of reference books, materials, journals, magazines, periodicals, dictionaries,Rare books and encyclopedias, etc. Likewise, the library facilitates access to a number of e-journals and e-books through INFLIBNET,Jgate, IEEEand British council library e-consortiums. There are 1780CDs, 40 VCDs and 256 DVDs available in this section.More than 50 audio-visual motivation e-books are available for improving communication skills.Our library is networking with DELNET (Developing Library Network) and MANLIBNET for resource sharing.3344 online International and national journals in Management, Engineering & Technology.The collection of the library includes Books, Journals, Magazines, Project report, Question Bank, Newspaper back files and other richest collection in the Fields of Management studies, Science and Technologies.The library has a separate section for Audio Video Cassettes, CD-ROMS, Journals, Magazines, Internet services and Reference books like Bibliographies, Encyclopedias, Dictionaries etc. library is computerized using campus I-lib automation software version 5.5.7 year of automation 2008, which helps the Students and Staff members to search any type of library documents.

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

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources | A. Any 4 or more of the above |

File Description	Documents
Upload any additional information	[View File](#)
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	No File Uploaded

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)

7.55

File Description	Documents
Any additional information	View File
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

1007

File Description	Documents
Any additional information	View File
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

The college campus houses both academic and administrative space. The college has a comprehensive IT policy to support and facilitate teaching, evaluation, research, and administration of the college through a secured e-supported environment. All the buildings get wide wireless computing network that allows faculty and students to log on the internet at any point of time. All the computers in the campus building are connected with LAN and provided with internet facility. The internet connection to all the users is secured with individual username and password. To reach the digitally born children of these days, the campus should be digitally well equipped for effective classroom delivery, lab oriented focused information sharing and knowledge assimilation. There are six labs in the college with internet facilities for the students and teachers.

These labs are well equipped with teaching aids such as LCD projectors. The conference hall is fully equipped acoustically designed PLUG and PLAY facility to give enriching learning experience for stage holders during guest lectures, seminars, and workshops. On the same platform, the college has deployed Online Feedback System for the betterment in the teaching and learning process.The internet facility provided to all the 351 work stations with 48Mbps broadband width.

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 the Institution	B. 30 - 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

2203204

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The institution has an extensive campus accommodating an adequate number of classrooms, laboratories and other infrastructural facilities for academic activities. The routine committee ensures the optimum utilization of the classrooms, Sickroom is also available for needy students during examinations& working time. The requirement & the issues are discussed in the meeting and the necessary steps are taken. The management allocates sufficient fund for the upkeep of the infrastructure and equipment maintenance every year. The librarian and library assistants look after regular maintenance of the library which includes rising purchase and order of books, procurement of books, maintenance of the materials and in the library, distribution of newspaper to the student of various department. There is a full-time supervisor available on the campus and is responsible to monitor the maintenance of the infrastructural facilities available. An adequate number of qualified programmers are available in the computer laboratories and is responsible for the maintenance of computers. They also take additional responsibility to take care of maintaining the computers in the campus. The computers in the college are provided with uninterrupted power supply through UPS units. Cleanliness and Maintenance of all buildings and grounds. Supervice an adequate number of sweepers and scavengers.

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

604

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
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 benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

376

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	A. All of the above

hygiene) ICT/computing skills

File Description	Documents
Link to Institutional website	**Nil**
Any additional information	**No File Uploaded**
Details of capability building and skills enhancement initiatives (Data Template)	[View File](#)

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

134

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

134

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

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

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	**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

129

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

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

5

File Description	Documents
Upload supporting data for student/alumni	[View File](#)
Any additional information	**No File Uploaded**
Details of student progression to higher education	[View File](#)

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

government examinations)

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

1

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

5.3 - Student Participation and Activities

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

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

24

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

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

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., through professional societies, guest lectures, seminars, workshops, symposiums, project expo and Hackathon are organized.

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

Involving students in various administrative bodies, helps to sharpen interpersonal skills, leadership skills and team work. This involvement has strengthened the bonding between students and institution.

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

10

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

5.4 - Alumni Engagement

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

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. We provided an opportunity for the present students to interact with their seniors through an Alumni meet.

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.

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
- Sharing current opportunities in network across globally.etc..

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

5.4.2 - Alumni contribution during the year (INR in Lakhs)	**D. 1 Lakhs - 3Lakhs**

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	https://nandhatech.org/vision-and-mission/
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	[View File](#)
Paste link for additional information	https://www.nandhatech.org
Upload any additional information	[View File](#)

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

The 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	<u>View File</u>

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	<u>View File</u>
Any additional information	**No File Uploaded**
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	**No File Uploaded**

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

Welfare measures for teaching staffs,

- **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.

Welfare measures for non-teaching staffs,

- 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.

Insurance: All the staff members of Nandha College of Technology are covered under life insurance with Star Health Insurance Company and the premium has duly paid till date. The group insurance scheme taken for the welfare of the NCT staff community.

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

32

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

61

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	[View File](#)

6.4 - Financial Management and Resource Mobilization

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

Sri Nandha Educational Trust is the registered charitable trust that governs the Nandha College of Technology, spearheads the discussion pertaining to the financial aspects. At NCT, a financial audit is performed on a yearly basis and the financial statements are certified by the registered Chartered Accountant. The institution has a very strong mechanism for conducting an internal and external audit. The yearly audit enables the stakeholders to know the current financial position with which further actions are planned and processed.

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.

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

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	**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)	[View File](#)

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	View File

6.5 - Internal Quality Assurance System

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

The 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 file**
- **Curriculum and syllabus**
- **University Result Analysis, Internal 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	<u>View File</u>

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	**B. Any 3 of the above**

File Description	Documents
Paste web link of Annual reports of Institution	**Nil**
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

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 program deals with issues pertaining to the relationship between men and women, struggles with discrimination, sexual harassment, new forums for justice.

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. The primary objective of this cell is to empower Women in all aspects to work with dignity and to have working environment safe and to enhance appropriate work conditions in respect to health and hygiene. WDC conducts awareness programmes which support their physical and mental health as well as to create social awareness about the problems of women in general and gender discrimination in particular by means of programmes like lectures, and seminars.These programmes help to identify Women Welfare Laws in order to inculcate self-reliance among them.

A Counsellor has been appointed by the college for assessing the regular activities of the girls and to identify their problems and help them to settle down their issues.

File Description	Documents
Annual gender sensitization action plan	https://nandhatech.org/wp-content/uploads/2023/07/WDC-Action-Plan-21-22.pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	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	C. Any 2 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

NCT has initiates, implements, promotes and practically led environmentally sustainable practices in our college campus.

Objective:

- **To keep our campus clean and healthy**
- **To create awareness of minimizing, reusing and disposal of waste**
- **To incorporate different strategy for different kind of waste.**

Policy Content & Guidelines

- **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.

- **The bins will be placed according to the volume of the traffic as well as the estimated types of waste generated. Based on this the required number of bins, their placement and their signages can be arranged.**
- **The Bio gas plant supports the disposal of food waste.**
- **Vermicompost pit incorporate for solid waste management.**
- **E-waste bins for separates e-wastes.**
- **A separate system is incorporated for bio medical waste.**

Execution of Activities:

- **Seminars/ Workshops are conducted in regard of various waste management systems and the public awareness also done through social clubs of various departments.**
- **Respective condemned items are handed over to the waste management hub. MoU's are signed with appropriate contractors for removal and disposal of all waste items.**

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 | **B. Any 3 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: | **A. Any 4 or All of the above**

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

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for	B. Any 3 of the above

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

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 College of Technology provides an inclusive environment for students to contribute their timelyservice to the society apart from their regular academics. The college has initiated 'Nandha Blood DonorsClub' to ensure safe and sufficient blood supply for the needy. The college also organizes Eye Camp forpublic. The main aim of the club is to create awareness among the people and provide them variousservices like Eye care education, full eye checkups, medical care, etc.. and to prevent the people fromgetting major eye disorders. We also nurture environmental responsibilities among the students byorganizing tree plantation drive to keep earth green and pollution free. Moreover the college is always keenin keeping the students hale and healthy. Apart from the social camp Humour oriented programs are also arrangedin the college. Itaims at stress relief and encourages one's Humour talent. The program helps to bring the funny side of theindividual.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)
Any other relevant information	[View File](#)

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

The Institution provides an inclusive environment for everyone by advocating tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. Various activities like Annual day, Women's Day, Unity Day, Science Day, Yoga, etc. are organized to promote an inclusive environment. Further Socioeconomic awareness programs like Youth awakening day, Helmet awareness for public, Book Day rally, Blood donor camp and various rallies are organized to the general public which in turn inculcate the students with some responsibilities within them. Religious festival like Onam is celebrated inside campus and Diwali is celebrated with orphanage children and the funds raised from the college are being donated to orphanages. A variety of clubs like NSS, Road Safety, YRC, Tree plantation, etc. are included in the curriculum under Personality and Character Development.

The institution provides a culturally inclusive environment with mutual respect, effective relationships and effective rapport. Everyone has the freedom to express their own opinions and equal opportunity to participate in teaching, learning, and social activities. The institution believes in equality of all cultures and traditions as it is evident from the fact that students belong to different caste and religion are studying in the college without any discrimination.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://nandhatech.org/wp-content/uploads/2023/08/7.1.9.pdf
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	[View File](#)
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

To build a nation of youth who are noble in their attitude and morallyresponsible, the College celebrates nationally important days.

15th September- Engineer's Day Engineer's Day, the birth day of Sir Mokshagundam Vishweshvaraya is celebrated on 15thSeptember of every Year. The meeting will include special lectures by eminent industrialists on the latestthemes for economic development through high quality engineering education.

8th March – International Womens' Day College celebrates International Women's Day on 8th March to celebrate the economic, culturaland political achievements of women. Every year the best women entrepreneur and social activist areinvited to educate the girl students about the health, safety and role of women in economic development ofa family and society.

15th August – Independence Day Independence Day celebrated at the College by hoisting the National Flag infront of the Administrative block by the Principal. On this day tributes are paid to the freedom fighters whosacrificed their lives to gain the freedom for India.

26th January - Republic Day

Republic Day celebrated by the college every year and Principal, Faculties and students will attend the ceremony.

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.

1.Student Industrial Preparatory Wing

SIP wing is formed to bridge-up the knowledge and practical skill set required by the industries on emerging technologies as and when required. The industries don't find time to train the recruited students, they want the students to be ready for day one to take over the job responsibility.

In order to fulfil the industry, we formed SIP wing consisting of coordinators from each department and formulated the programmes to fulfil the industry needs for the department specific domine (current technology).

2.Student Skill Development Programme

Naan Mudhalvan is skill development platform under Tamil N?du Skill Development Corporation (TNSDC) aims to provide dynamic information for college students on courses and relevant information about industry specific skill offerings. This will

enable the students to get training in their chosen field of interest that will help them in achieving their career goals.

For Students:

• Access to Industry relevant skilling modules on technology skills, personal skills and organization skills.

• Mentorship support from across the world.

• The Tamil N?du Government forge partnerships with colleges.

• Hosting Skilling Initiatives on their campus.

• Chance to participate in placement drives across organizations.

• Online access to e-learning content.

File Description	Documents
Best practices in the Institutional website	https:/www.nandhatech.org
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

CAREER SETTLEMENT

Nandha Stake holders i.e., Students & Parents expects Career Settlement, irrespective of their Educational Knowledge, Financial problems & Family Backgrounds.

In order to settle down the stack holder's expectation, NCT is working on each and every nook and corner to settle every student in their career, in the areas of

   ○ Higher Education
   ○ Competitive Exams

PLACEMENTS:

Creamy layer students are trained for External outbound training for Aptitude, Verbal, Programming, etc.,

Company Specific Training for the MNC's like TCS, CTS, Capgemini, Infosys, Wipro, DXC.

Below Creamy layer students are trained for Hands on Training in Practical's,

HIGHER EDUCATION

Higher Education, Orientation & Guidance is given for students, Letter of Recommendation [LOR] to perform (MS Program's) higher studies at abroad

ENTREPRENEUR'S DEVELOPMENT

Entrepreneur's – Orientation & Expect talks are given to initial startups and guidance is given until they start-up their business.

File Description	Documents
Appropriate web in the Institutional website	[View File](#)
Any other relevant information	**No File Uploaded**

7.3.2 - Plan of action for the next academic year

Plan of action for next academic year:

To motivate the faculty members to apply and receive research proposals provided by various funding agencies. To encourage the students to carry out more industry projects, internships and get practical exposure to recent technologies. To make the students to improve the interest in self study by enrolling in online courses like NPTEL, Udemy and also industrial courses. To conduct more programs related to higher studies and entrepreneurships for improvement of students.