



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	Nil	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of IQAC			View File		

9.No. of IQAC meetings held during the year	2	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	No	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	View File	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
<ul style="list-style-type: none"> 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 and 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	
Nil	Nil	
13.Whether the AQAR was placed before statutory body?	Yes	
<ul style="list-style-type: none"> Name of the statutory body 		
Name	Date of meeting(s)	
Governing Council	14/02/2022	
14.Whether institutional data submitted to AISHE		

Year	Date of Submission
2023	19/01/2023

15.Multidisciplinary / interdisciplinary

16.Academic bank of credits (ABC):

17.Skill development:

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

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

20.Distance education/online education:

Extended Profile

1.Programme

1.1	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	
File Description	Documents
Data Template	View File
4.Institution	
4.1	28
Total number of Classrooms and Seminar halls	
4.2	47.92
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	351
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

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	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 cell headed by senior faculty members who look into the problems of girl students regarding personal and Academics. Girls and Boys rooms are available with all the amenities. Students Grievances and Redressal Committee has been established for counselling of students on received grievances.

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

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

PROFESSIONAL ETHICS Institute has equal importance about professional ethics along with academics because knowingly and willingly should not involve in wrong behaviors. Professional ethics encompasses personal and corporate standards of behavior expected by professional. The students of different branches in Engineering and Management study Professional 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

7

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

A. All of the above

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	No File Uploaded
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	No File Uploaded
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 course the 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 and advance 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	No File Uploaded

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	No File Uploaded

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 enhance students 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	No File Uploaded
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

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

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)	No File Uploaded
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	No File Uploaded

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

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

4

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

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

2.4.3.1 - Total experience of full-time teachers

572

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

2.5 - Evaluation Process and Reforms

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

- Nandha College of Technology is affiliated to Anna University, Chennai. For 2017 Regulations, The University prescribes 20% of marks for internal assessment and 80% of marks for university examination.
- 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	Nil
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://www.nandhatech.org>

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	No File Uploaded
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	No File Uploaded
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	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

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

Our Institution provides healthy atmosphere, infrastructure, resources, confidence for enhancement of the capacity and competencies of students and teachers in research and innovative activities. All innovative and extension activities are student centric. Various activities are conducted to nurture and nourish youth's minds. These activities help students to understand the various problems faced by the society. 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	No File Uploaded
Paste link for additional information	Nil

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

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

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

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

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

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	No File Uploaded

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

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

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

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

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

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

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

3.5 - Collaboration

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

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

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

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	No File Uploaded
Any additional information	No File Uploaded
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 abductor and more are included in the gym's equipment. Seated Chest Press, Butterfly, Seated Leg Curl, Leg Press, Smith Machine, Pour Station Multi-Functional Machine, Cable Crossover, Inclined Chest Press, T Bar Row, Kicking Leg Press, Adjustable Bench, Flat Bench, Weight Plate Tree, Vertical Knee Raise, Black Fixed Rubber Plates, Olympic Bar, Hex Rubber Dumbbells, Gym Bar, Cross Trainer (Cycling)

and Ten Pair Dumbbells Rack

YOGA CLASS:

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

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

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

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)

47.92

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

4.2 - Library as a Learning Resource

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

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, IEEE and British council library e-consortiums. There are 1780 CDs, 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

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

10453

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

4.3 - IT Infrastructure

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

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)

24.50

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	No File Uploaded

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. Supervise 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	No File Uploaded
Upload any additional information	No File Uploaded
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	No File Uploaded
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

142

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

A. All of the above

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

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)	No File Uploaded

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 D. 1 Lakhs - 3Lakhs (INR in Lakhs)

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

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

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

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

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

management.

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

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	Nil
Upload any additional information	No File Uploaded

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	No File Uploaded
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	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	No File Uploaded

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

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	No File Uploaded
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	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

Appraisal for teaching Staff:

The institution had implemented the system of performance appraisal in the academic year 2014-2015. Staff members of our college are given the opportunity to carry out self-assessment which helps them to identify where they stand, and what skills they possess.

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

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

Appraisal for Non-teaching Staff:

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

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

6.4 - Financial Management and Resource Mobilization

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

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	No File Uploaded

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

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

0

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

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

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

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

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

The institution has a well-defined mechanism to monitor effective and efficient utilization of available financial resources, for the

development of the academic processes and infrastructure. Board members of management frame resources and expenditure policy.

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

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

6.5 - Internal Quality Assurance System

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

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

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

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

- To intense curricular aspects with value-added course, enrichment programs, and life skills program.

- To accentuate feedback collection, analysis, and review.
- To strengthen the admission process, student diversity, teachers quality, teaching-learning process, and learning outcome.
- Result-analysis, research and extension activities including FDP are intensified.

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

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	No File Uploaded

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	No File Uploaded
Upload any additional information	No File Uploaded
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	No File Uploaded
Any other relevant documents	No File Uploaded

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

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

C. Any 2 of the above

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

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

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 timely service to the society apart from their regular academics. The college has initiated 'Nandha Blood Donors Club' to ensure safe and sufficient blood supply for the needy. The college also organizes Eye Camp for public. The main aim of the club is to create awareness among the people and provide them various services like Eye care education, full eye checkups, medical care, etc.. and to prevent the people from getting major eye disorders. We also nurture environmental responsibilities among the students by organizing tree plantation drive to keep earth green and pollution free. Moreover the college is always keen in keeping the students hale and healthy. Apart from the social camp Humour oriented programs are also arranged in the college. It aims at stress relief and encourages one's Humour talent. The program helps to bring the funny side of the individual.

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

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

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	Nil
Any other relevant information	Nil

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

4. Annual awareness programmes on Code of Conduct are organized

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 morally responsible, the College celebrates nationally important days.

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

8th March - International Women's Day College celebrates International Women's Day on 8th March to celebrate the economic, cultural and political achievements of women. Every year the best women entrepreneur and social activist are invited to educate the girl students about the health, safety and role of women in economic development of a family and society.

15th August - Independence Day Independence Day celebrated at the College by hoisting the National Flag in front of the Administrative block by the Principal. On this day tributes are paid to the freedom fighters who sacrificed 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.

Online Certification Course

To prepare the engineering graduates to meet the global demands in technology implementation and innovation through research. Imparting skill set to the engineering graduates to enhance their employment skills. Improve the communication skills to have a strong role in the Knowledge society. To enable faculty gain advanced technological and subject knowledge through video lectures prepared by IITs and IISc and IIMs To encourage faculty to learn to design value added courses on the lines of these courses. To facilitate integration of reading materials and videos to complement classroom teaching. To promote continuous professional development through self-learning and life-long learning The aim of this is to provide the quality technical education to the Students and Faculty of Engineering, Sciences, Technology, Management and Humanities.

Student Industry Preparatory Wing (SIP)

To enhance the students skill set for industrial requirements a new wing called Students Industrial Preparatory Wing (S I P Wing) has been formed. To transform the teaching learning process with conceptual understanding and application orientation To orient the academic towards industry expectations to reduce the gap between industry and institution SIP offers career guidance on all aspects of career planning for students to choose the right career.

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

7.3 - Institutional Distinctiveness

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

Centre for Research & Development The aim of the institute focuses on the best education and research environment to create the engineers for the next generation. Nandha College of Technology shows its keen interest in research works by providing platform to develop the researcher's ideas in their research projects. Research & Development Cell has been established to promote and monitor the research Programs of the College. It conducts the research review meeting to examine the quality of research being conducted by various teams. The Research & Development Cell of every department takes immense efforts to expose the students to recent developments in the technology through innovative project works and paper presentations. The R & D Cell of the institution has been working tirelessly to ensure efficient participation of the staff members in taking up research projects. Dr. G. B. Mohan Kumar Professor and Head Department of Electrical and Electronics Engineering has been appointed as R&D co-ordinator and takes extra effort in sensitizing the faculty members and students to undertake the research in newly emerging frontier areas of Engineering, Technology, Management, Science and Humanities including multidisciplinary fields. This is promoted through enhancing the general research capability by way of participating in conferences, seminars, workshops, project competitions, Training programs etc. The R&D Cell ensures that it facilitates the staff members a smooth transition of the developed research proposal and aids them in grooming them and supports them with the contingency and other expenses involved in submitting the proposal to the requisite funding agencies.

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

C. Any 2 of the above

**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 cell Headed by senior faculty members who look into the problems of girl students regarding personal and Academics. Girls and Boys rooms are available with all the amenities. Students Grievances and Redressal Committee has been established for counselling of students on received grievances.

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

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

PROFESSIONAL ETHICS Institute has equal importance about professional ethics along with academics because knowingly and willingly should not involve in wrong behaviors. Professional ethics encompasses personal and corporate standards of behavior expected by professional. The students of different branches in Engineering and Management study Professional 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

7

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	A. All of the above
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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	No File Uploaded
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	No File Uploaded
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 course the 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 and advance 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	No File Uploaded

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	No File Uploaded

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 enhance students 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	No File Uploaded
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

57

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

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)	No File Uploaded
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	No File Uploaded

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

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

4

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

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

2.4.3.1 - Total experience of full-time teachers

572

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

2.5 - Evaluation Process and Reforms

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

- Nandha College of Technology is affiliated to Anna University, Chennai. For 2017 Regulations, The University prescribes 20% of marks for internal assessment and 80% of marks for university examination.
- 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	Nil
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://www.nandhatech.org>

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	No File Uploaded
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	No File Uploaded
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	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

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

Our Institution provides healthy atmosphere, infrastructure, resources, confidence for enhancement of the capacity and competencies of students and teachers in research and innovative activities. All innovative and extension activities are student centric. Various activities are conducted to nurture and nourish youth's minds. These activities help students to understand the various problems faced by the society. 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	No File Uploaded
Paste link for additional information	Nil

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

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

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

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

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

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	No File Uploaded

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

3.4.2.1 - Total number of awards and recognition received for extension activities from

Government/ Government recognized bodies year wise during the year

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

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

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

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

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

3.5 - Collaboration

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

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

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

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	No File Uploaded
Any additional information	No File Uploaded
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 abductor and more are included in the gym's equipment. Seated Chest Press, Butterfly, Seated Leg Curl, Leg Press, Smith Machine, Pour Station Multi-Functional Machine, Cable Crossover, Inclined Chest Press, T Bar Row, Kicking Leg Press, Adjustable Bench, Flat Bench, Weight Plate Tree, Vertical Knee Raise, Black Fixed Rubber Plates, Olympic Bar, Hex Rubber Dumbbells, Gym Bar, Cross Trainer (Cycling) and Ten Pair Dumbbells Rack

YOGA CLASS:

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

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

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

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)**47.92**

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

4.2 - Library as a Learning Resource**4.2.1 - Library is automated using Integrated Library Management System (ILMS)**

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, IEEE and British council library e-consortiums. There are 1780 CDs, 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
10453

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

4.3 - IT Infrastructure

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

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)**

24.50

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	No File Uploaded

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. Supervise 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	No File Uploaded
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

376

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefitted 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

142

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)	No File Uploaded

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

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

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

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

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

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

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	Nil
Upload any additional information	No File Uploaded

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 interfaces	View File
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	No File Uploaded

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	No File Uploaded
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	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

Appraisal for teaching Staff:

The institution had implemented the system of performance appraisal in the academic year 2014-2015. Staff members of our college are given the opportunity to carry out self-assessment which helps them to identify where they stand, and what skills they possess.

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

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

Appraisal for Non-teaching Staff:

The Principal and the Administrative Officer observe the performance of the non-teaching staff. They discuss their opinions and views among them and try to assess their

performance. Appreciation is given to high scorers and counseling is offered to those who lag behind.

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

6.4 - Financial Management and Resource Mobilization

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

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	No File Uploaded

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

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

0

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

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

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

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

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

The institution has a well-defined mechanism to monitor effective and efficient utilization of available financial resources, for

the development of the academic processes and infrastructure. Board members of management frame resources and expenditure policy.

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

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

6.5 - Internal Quality Assurance System

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

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

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

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

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

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

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	No File Uploaded

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	No File Uploaded
Upload any additional information	No File Uploaded
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	No File Uploaded
Any other relevant documents	No File Uploaded
7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution	
7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	C. Any 2 of the above
File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded
7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies	B. Any 3 of the above

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
<p>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).</p> <p>Nandha College of Technology provides an inclusive environment for students to contribute their timely service to the society apart from their regular academics. The college has initiated 'Nandha Blood Donors Club' to ensure safe and sufficient blood supply for the needy. The college also organizes Eye Camp for public. The main aim of the club is to create awareness among the people and provide them various services like Eye care education, full eye checkups, medical care, etc.. and to prevent the people from getting major eye disorders. We also nurture environmental responsibilities among the students by organizing tree plantation drive to keep earth green and pollution free. Moreover the college is always keen in keeping the students hale and healthy. Apart from the social camp Humour oriented programs are also arranged in the college. It aims at stress relief and encourages one's Humour talent. The program helps to bring the funny side of the individual.</p>	
File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	No File Uploaded

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

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	Nil
Any other relevant information	Nil

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

A. All of the above

and other staff 4. Annual awareness programmes on Code of Conduct are organized

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 morally responsible, the College celebrates nationally important days.

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

8th March - International Women's Day College celebrates International Women's Day on 8th March to celebrate the economic, cultural and political achievements of women. Every year the best women entrepreneur and social activist are invited to educate the girl students about the health, safety and role of women in economic development of a family and society.

15th August - Independence Day Independence Day celebrated at the College by hoisting the National Flag in front of the Administrative block by the Principal. On this day tributes are paid to the freedom fighters who sacrificed 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.

Online Certification Course

To prepare the engineering graduates to meet the global demands in technology implementation and innovation through research. Imparting skill set to the engineering graduates to enhance their employment skills. Improve the communication skills to have a strong role in the Knowledge society. To enable faculty gain advanced technological and subject knowledge through video lectures prepared by IITs and IISc and IIMs To encourage faculty to learn to design value added courses on the lines of these courses. To facilitate integration of reading materials and videos to complement classroom teaching. To promote continuous professional development through self-learning and life-long learning The aim of this is to provide the quality technical education to the Students and Faculty of Engineering, Sciences, Technology, Management and Humanities.

Student Industry Preparatory Wing (SIP)

To enhance the students skill set for industrial requirements a new wing called Students Industrial Preparatory Wing (S I P Wing) has been formed. To transform the teaching learning process with conceptual understanding and application orientation To orient the academic towards industry expectations to reduce the gap between industry and institution SIP offers career guidance on all aspects of career planning for students to choose the right career.

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

7.3 - Institutional Distinctiveness

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

Centre for Research & Development The aim of the institute focuses on the best education and research environment to create the engineers for the next generation. Nandha College of Technology shows its keen interest in research works by providing platform to develop the researcher's ideas in their research projects. Research & Development Cell has been established to promote and monitor the research Programs of the College. It conducts the research review meeting to examine the quality of research being conducted by various teams. The Research & Development Cell of every department takes immense efforts to expose the students to recent developments in the technology through innovative project works and paper presentations. The R & D Cell of the institution has been working tirelessly to ensure efficient participation of the staff members in taking up research projects. Dr. G. B. Mohan Kumar Professor and Head Department of Electrical and Electronics Engineering has been appointed as R&D co-ordinator and takes extra effort in sensitizing the faculty members and students to undertake the research in newly emerging frontier areas of Engineering, Technology, Management, Science and Humanities including multidisciplinary fields. This is promoted through enhancing the general research capability by way of participating in conferences, seminars, workshops, project competitions, Training programs etc. The R&D Cell ensures that it facilitates the staff members a smooth transition of the developed research proposal and aids them in grooming them and supports them with the contingency and other expenses involved in submitting the proposal to the requisite funding agencies.

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

7.3.2 - Plan of action for the next academic year

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 entrepreneurship for improvement of students.