



Yearly Status Report - 2017-2018

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	NANDHA COLLEGE OF TECHNOLOGY
Name of the head of the Institution	Dr.R.Nallusamy
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04294222116
Mobile no.	9442551155
Registered Email	principal@nandhatech.org
Alternate Email	hodit@nandhatech.org
Address	Pichandampalayam, Erode-Perundurai Main Road,
City/Town	Erode
State/UT	Tamil Nadu
Pincode	638052

2. Institutional Status																			
Affiliated / Constituent			Affiliated																
Type of Institution			Co-education																
Location			Rural																
Financial Status			private																
Name of the IQAC co-ordinator/Director			Dr. S. Nandagopal																
Phone no/Alternate Phone no.			09942933077																
Mobile no.			9750542333																
Registered Email			hodit@nandhatech.org																
Alternate Email			hodcse@nandhatech.org																
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)			http://nandhatech.org/images/AQAR2016-17.pdf																
4. Whether Academic Calendar prepared during the year			Yes																
if yes,whether it is uploaded in the institutional website: Weblink :			http://nandhatech.org/2014-03-24-17-55-32/2016-09-20-04-29-05.html																
5. Accrediation Details																			
<table border="1"> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> <tr> <td>1</td> <td>A</td> <td>3.05</td> <td>2015</td> <td>02-Mar-2015</td> <td>01-Mar-2020</td> </tr> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.05	2015	02-Mar-2015	01-Mar-2020
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	A	3.05	2015	02-Mar-2015	01-Mar-2020														
6. Date of Establishment of IQAC			20-Jan-2015																
7. Internal Quality Assurance System																			
<table border="1"> <tr> <th colspan="3">Quality initiatives by IQAC during the year for promoting quality culture</th> </tr> <tr> <th>Item /Title of the quality initiative by IQAC</th> <th>Date & Duration</th> <th>Number of participants/ beneficiaries</th> </tr> <tr> <td>FDP</td> <td>23-Oct-2017</td> <td>26</td> </tr> </table>						Quality initiatives by IQAC during the year for promoting quality culture			Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries	FDP	23-Oct-2017	26					
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L::asset('/','public').'/public/index.php/admin/get_file?file_path='.encrypt('Postacc/Special_Status/'.\$instdata->upload_special_status))}

No Files Uploaded !!!

8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
No Files Uploaded !!!				

9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View Link](#)

10. Number of IQAC meetings held during the year :

5

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View Uploaded File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

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

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achievements/Outcomes
N/A	N/A

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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2018
Date of Submission	03-Feb-2018
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	We are using the MIS, for the purpose of storing student details like attendance, test marks and etc... for the future references. In this system, the details of the students viz., name, class, section, year and department are uploaded before the commencement of the academic year. It has the provision for uploading hourly based attendance and all the assessment marks of students. This system reduces the documentation work. This paperless system saves paper and helps in making the environment green. Adding to this, maintaining student's record is easier than the file or as records. Moreover, time is saved wisely. The data can be viewed by the faculty and also by the higher authorities at any time.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

- Nandha College of Technology is currently having the following mechanisms for effective delivery of curriculum
- At the beginning of a semester, departmental meetings are held in every department in which the subjects are allotted to the teachers based on their willingness and the academic plan for that semester is discussed.
- Number of classes for each subject is decided according to the syllabus and credits prescribed by Anna University
- College administration provides a well constructed Academic Calendar and time table for each year

/semester for both UG and PG classes. • Teachers prepare their lectures according to the subjects allotted and classes available. • Classes are held according to the schedule under the supervision of college administration. • We have a very rich central library with open access system and departmental libraries too for the benefit of the students. A good number of • Journals are subscribed by our college. E .books and e.journals facilities are available for teachers and also for the students. • Various classroom teaching methods based on various needs of different subjects are regularly used for the effective delivery of the curriculum such as ? Chalk and Blackboard method ? ICT.enabled teaching.learning method ? Use of different software ? Distribution of class notes by teachers. ? Seminars by students related to curriculum. ? Paper presentation by the students ? Proper and adequate instrumentation facility is given to the students for their practical classes. ? Industrial Visits are carried for the students by the departments. ? Project works are conducted for fulfillment of their degrees. • Seminars and special talks by experts are also arranged regularly for advanced studies. • Regular assessments are carried out for both theory and practical classes to keep track the progress of the students • Remedial classes are also conducted based on requirement • Departments maintain the detailed record of the classes, assessments, project reports etc. • College administration also keeps a vigilant eye on the results, departmental activities and needs and also keeps record of the different activities of the college regarding teaching learning, development and improvements of different methods of effective curriculum delivery.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
No Data Entered/Not Applicable !!!					

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Computer Science and Engineering	01/08/2017
BE	Electrical and Electronics Engineering	01/08/2017
BE	Civil Engineering	01/08/2017
BE	Electronics and Communication Engineering	01/08/2017
BE	Mechanical Engineering	01/08/2017
BTech	Information Technology	01/08/2017

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

	Certificate	Diploma Course
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Number of Students

0

0

1.3 – Curriculum Enrichment**1.3.1 – Value-added courses imparting transferable and life skills offered during the year**

Value Added Courses	Date of Introduction	Number of Students Enrolled
No Data Entered/Not Applicable !!!		
View Uploaded File		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
No Data Entered/Not Applicable !!!		
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1.4 – Feedback System**1.4.1 – Whether structured feedback received from all the stakeholders.**

Students	Yes
Teachers	No
Employers	No
Alumni	No
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
<ul style="list-style-type: none"> • Student's feedback is filled from the students two times in a semester during the middle of the semester and at the end of the semester. • Attendance of each student is mentioned in the feedback form. Feedback is received on varied aspects of the college and the different aspects of the faculty. The points are calculated according to the grades given by the students in various criteria. The Average and percentage of various criteria are calculated. The strength and weaknesses mentioned by the students are summarized. • Feedback is also collected from the parents during Parent Teacher Meetings (PTMs) that are organized by every departments of the college. Suggestions and comments given by them are also taken into account for future development. • The different areas where improvements are required are discussed in respective committees/departments. The proposals given by the different committees and departments are discussed with the management of the college for necessary action. Strengths of the college are also taken into consideration for further up gradation.

CRITERION II – TEACHING- LEARNING AND EVALUATION**2.1 – Student Enrolment and Profile****2.1.1 – Demand Ratio during the year**

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
No Data Entered/Not Applicable !!!				
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017	375	54	171	13	9

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
171	171	9	27	27	6
No file uploaded.					
No file uploaded.					

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

Different students will require different kinds of attention, advice, information, and encouragement. Some students will feel comfortable for approaching their mentors others will be shy, intimidated or reluctant to seek help. A good mentor is one who is approachable for such students too. These kinds of mentors are available in our institution. Most of the times students will not be knowing what questions to ask, what information they need, or what their options when applying to graduate programs. Such confusions are cleared by our well experienced mentors by understanding their doubts and clarifying by giving myriad suggestions. Being a mentor is not only supporting students but also uplifting the faculty members in various aspects viz., individual leadership skills, personal and professional development. During the academic year 201718 every mentor has given their worthwhile words for their students, that has made remarkable success in students' career. They have started their own websites, presenting projects and so on. This continuous mentoring by mentors in our institution helps the students to gain valuable resources, develop the knowledge and skills, build the network, advance every student's career in innovative ways. Mentors offer valuable insight to get ahead. They guide their students and soundboard their ideas, helping them to decide on the best course of action in each and every difficult situation. From them students learn shortcuts that help them work more effectively and avoid reinventing the wheel. Mentors help to identify the skills of the students and expertise to succeed in their life. Mentors/Staff members teach what is needed to know, or advise the students search for the information needed. Just like the mentor, some students learn to communicate more effectively, that further helps the students to work effectively. Students learn new dimensions of thinking from their mentor's approach. During the academic year 201718 most of our students have communicated in English. Our mentor offers an opportunity to expand the existing network of personal and professional contacts. They also help the students to stay focused and on their track in career development through advice, skills development, networking, and so on. Mentors try through regular contact, if possible will keep all their students on the radar screen to anticipate problems before they become serious. Every mentor pays attention to the subtext and undertones of the students' words, including tone, attitude, and body language. By these kinds of mentoring students have developed a network of scholars, admired and invited to write chapters in edited volumes, attend conferences, or even to get funding for projects by the students. Even though a degree is important, our mentors ought to remind a student about a degree of objectivity in giving fair grades and evaluations.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1802	171	1:11

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
171	151	20	20	6

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
No Data Entered/Not Applicable !!!			
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
No Data Entered/Not Applicable !!!				
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

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

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

The academic calendar is a very essential document, which contains the most important dates to guide the teachers and students. Before the commencement of every semester respective departments prepare a detailed study plan, assignments for the individual teachers and the number of classes allotted to each course. On the basis of this the routine subcommittee of the Teachers' Committee prepares a detailed timetable and academic calendar for the entire semester. The Academic calendar is prepared by the calendar committee of the institution before the commencement of each academic year. It comprises vision

and mission of the college, schedule for parent or guardian meeting with student record to follow the internal rules and regulation of attendance and discipline, number of working days as per the Anna University prescribed schedule, date of commencement of classes, schedule for the periodical assessment and both government and local holidays details, internal mark and attendance entry dates for Anna University, syllabus completion for periodical assessment. Activity plan of the college for the academic year is also given in detail. Finally this will be distributed to the departmental teachers and the students and also made available on college Website. The effectiveness of the process is maintained through effective monitoring by the Principal.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://www.nandhatech.org>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
No Data Entered/Not Applicable !!!					
View Uploaded File					

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

[Online feedback from the students will be collected at the end of all semesters. This will help the faculty members to modify their teaching methods depending on the students. http://172.16.20.251/feedback/login.php](http://172.16.20.251/feedback/login.php)

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
No Data Entered/Not Applicable !!!				
No file uploaded.				

3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Intellectual Property Rights (IPR)	CSE	15/12/2017

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Wind mill energy system	World Youth Federation	Doctor Kalam Young Achiver Award	15/10/2017	Project

Screw Jack with Ratchet Mechanism	World Youth Federation	Doctor Kalam Young Achiver Award	15/10/2017	Project
No file uploaded.				

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

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start- up	Date of Commencement
No Data Entered/Not Applicable !!!					
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
	2000	

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

Name of the Department	Number of PhD's Awarded
No Data Entered/Not Applicable !!!	

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	ECE	1	0
No file uploaded.			

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
CSE	14
ECE	10
Mechanical	17
Civil	4
MBA	1
IT	6
No file uploaded.	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
View Uploaded File						

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations	Institutional affiliation as
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					excluding self citation	mentioned in the publication
Performance Analysis of NanoRefrigerant mixtures in a domestic refrigeration system	B.Pitchaya Krishnan	Advances in Natural and Applied Sciences	2017	0	1	Yes
No file uploaded.						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	9	112	0	1
Presented papers	42	32	2	0
Resource persons	0	0	0	1
No file uploaded.				

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!			
View File			

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
No Data Entered/Not Applicable !!!			
No file uploaded.			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!				
No file uploaded.				

3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
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No Data Entered/Not Applicable !!!

No file uploaded.

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
No Data Entered/Not Applicable !!!			
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
25.41	24.41

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Newly Added
Class rooms	Newly Added
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
No file uploaded.	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Campes i Library	Partially	5.5.7	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	26744	7091314	2302	611335	29046	7702649

Reference Books	540	302861	20	11619	560	314480
e-Books	0	0	2401	113227	2401	113227
Journals	0	0	171	289491	171	289491
e-Journals	0	0	5205	599880	5205	599880
No file uploaded.						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	681	623	681	0	0	5	29	48	24
Added	0	0	0	0	0	0	0	0	0
Total	681	623	681	0	0	5	29	48	24

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

48 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
No Data Entered/Not Applicable !!!	

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
3060000	2850414	1496000	1294235

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The physical facilities including Laboratories, Classrooms and Computers etc. are made available for the students those who are admitted in the college. The students seek admission to desired courses including a laboratory curriculum they are charged for the laboratory expenses at the time of the admission as

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

<http://172.16.20.251/reformation/test/>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
No Data Entered/Not Applicable !!!			
View File			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Yoga	01/06/2017	382	Vethathiri Maharishi
Soft skill Development	12/07/2017	187	Placement Cell

Remedial Coaching	02/08/2017	431	I - Win Club
Mentoring	02/08/2017	1024	Mentoring Cell
No file uploaded.			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	Bank Exam	3	0	0	0
No file uploaded.					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
12	9	30

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
No Data Entered/Not Applicable !!!					
View File					

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					
View File					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
No Data Entered/Not Applicable !!!	
No file uploaded.	

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

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

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

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes, the institution has a registered Alumni Association. The Association contains more than 1243 active alumnus.

5.4.2 – No. of enrolled Alumni:

1243

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

- Yearly Alumni meet will be organized in the month of August.
- Alumni Interactions will be conducted occasionally in all departments.
- During Fresher's day Alumni's will be invited to give their suggestions to their juniors.
- During Annual Day Alumni's will be invited as a source of inspiration to the students.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Decentralization Institute has a mechanism for delegating authority and providing operational autonomy to all the various functionaries to work towards decentralized governance system. Principal Level The Governing Body delegates all the academic and operational decisions based on policy to the Academic Monitoring Committee headed by the Principal in order to fulfill the vision and mission of the institute. HoD Level The head of the institutions segregate the committee related to academics, Co curricular and extracurricular activities and delicate authority for monitoring and execution of the different committee

to the department heads. Participative management Committee/cell/Coordinator Roles and responsibilities Academic monitoring committee Academic development and monitoring progress of various teaching/learning processes Examination Committee Internal University examination activities Research Committee Academic and research activities NSS Coordinator NSS activities Training placement Training and Placement activities Entrepreneurship Development Cell EDC activities Student welfare committee Planning, execution and supervision of activities of student association Cultural and sports committee Planning, execution and supervision of cultural and sports activities Accountant Management of finance and account activities Library Committee Management of learning resources Ant-ragging committee Prevention and action against ragging cases Levels of Participative Management Teaching Staff Non - Teaching Staff Students External Representation Parents Representation Governing Body Local managing committee Students Council Grievances Redressal Cell Anti- ragging Committee Examination committee Admission committee Grievances Redressal Cell Anti-ragging Committee - Industrial Training Placements Visits Anti-ragging Committee Anti-ragging Committee IQAC - Guest lectures, Seminars - Students Editorial Board Industry Institute Partnership Cell (IIPC) - RD , Alumni, Website committee - - - - Case study: Academic Monitoring Committee (AMC) Role AMC is centralized (Institute level) committee responsible for drafting, regulating and implementing different academic policies. It is meant for smooth uniform conduction of academics throughout the institute. Activities conducted by AMC • AMC monitors the teaching learning process. It prepares the academic calendar of the institute which is a reflection of University's academic calendar that includes curricular, co-curricular, extracurricular activities. • AMC does lab and course file audit before commencement of semester and in the middle of semester, random confirmation of attendance once in a month, ensures student and faculty uniform and ID card and takes action on defaulter student and faculty and gives feedback to Principal. Outcome Meetings are held periodically for discussing the issues and challenges, developmental aspect of the Institute. Thus, the institute encourages teachers, students, parents, corporate resource persons, employers, alumni, staff, class coordinators and class representatives to share their ideas, opinions, suggestions through proper channels.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	Nandha College of Technology is an Anna University, Chennai affiliated institution therefore we follow the curriculum and syllabi prescribed by the university, but we have our own space for inducting current technological advancement of the subject content through value added courses, workshop, technical training, industrial visit, internship, industrial project, industrial seminar, industrial interaction and training. The syllabus content for the above said programme is design in consultation with stakeholders like, alumni, industrial experts, subject experts and

	parents with industrial background to suit the current industrial requirement, dynamically.
Teaching and Learning	<ul style="list-style-type: none"> • Practical way of teaching is in practice. • Industrial training for faculties is in regular practice and it is made mandatory. • Workshops seminars on current technologies advancements is been executed in collaboration with industrial persons. • Performance analysis is been made on regular basis for students faculties (non performer) and solutions is been provided for rectification. • Mentoring practice in incurred is the academic system for students and faculty motivation. • Effective use of tech tools is ensuring in academic practices (NPTEL videos/ Internet/ PPT, e-book journals). • Performance evaluation of faculty through appraisal and student feedback is in practice
Research and Development	<p>The management is concentrating to the area of research development to its fullest extent. A separate research and development cell is functioning with a coordinator. Faculties are encouraged to do their higher studies and they are concentrating on the area of day to day societal development and needs.</p> <p>Management is also encouraging the faculty members to do consultancy works sharing 60 of its revenue, NPTEL courses, Scopus and to publish journals regarding their research. Effects are also being taken to obtain research projects, grants from funding agencies.</p>
Library, ICT and Physical Infrastructure / Instrumentation	<p>Physical Infrastructure NCT is endowed with excellent infrastructural facilities. Internet facilities Library provided with 48 Mbps internet connected throughout the Campus 24x7 and secured with firewall. Wi-Fi facilities Wi-Fi functioning with 17 Mbps (1:1) leased line provided by READYLINK, monitored by CYBERROAM.</p> <p>Services in Library</p> <ul style="list-style-type: none"> • Computerized barcode circulation • On-line access to journals <p>Digital Library Section 16 terminals are available in the Digital Library with internet access. ICT Infrastructure Laser printers, application and systems software, and LCD projectors. Sports NCT has several sports facilities for indoor and outdoor games. Sports day is being conducted every year.</p>

Human Resource Management	<p>HR cell is primarily concerned with the management of people within organization, focusing on policies and systems, to maximize the employee performance and look after benefits, recruitment, development, performance and rewarding. Faculties are sent for various Training Programme, workshops to enhance their competence. Work is distributed as per qualifications and experience of the faculty members. Performance Appraisal is mandatory to have elaborate analysis and eradicate the pitfall, on continuous monitoring basis. The Principal of the College is the academic head of the Institution. He looks after the academic activities and maintains a cordial relationship with the management and all stakeholders.</p>
Industry Interaction / Collaboration	<p>The Nandha College of technology has a greater vision in improving the practical knowledge of the young students in the field of engineering. So, the management has signed MOU with many industrial organizations across various streams. This MOU will provide students good placements, training in technical aspects and career development skills. For the academic year of 2017-2018, we have signed MOU's with 27 industries across seven streams/departments. And this MOU also helped students of around 515, to have industrial visits and also around 385 students have gone through in-plant training. These have provided great technical knowledge and career aspects to our beloved students.</p>
Admission of Students	<p>The College ensures transparency in the admission process by strictly adhering to the guidelines issued by the AICTE, Govt. of Tamil Nadu, Directorate of Technical Education and Anna University. In B.E./ B.Tech., 65 and 35 of seats are admitted through Government Quota and Management Quota respectively. For PG Programmes such as MBA has 50 seats are filled by Government Quota and 50 by Management Quota, in case of M.E/ M.Tech programmes out of 18 seats sanctioned 15 seats are filled by management quota and 3 seats by counseling. Scholarships were provided to school students.</p>
Examination and Evaluation	<p>Examination and Evaluation ? Three internal exams and one model exam is</p>

planned in a semester. S.No. Exams
 Syllabus Coverage Duration Marks
 1. IAE - I Unit - I Unit - II (50) 1.5 Hrs 50
 2. IAE - II Unit - II (50) Unit - III 1.5 Hrs 50
 3. IAE - III Unit - IV Unit - V (50) 1.5 Hrs 50
 4. Model Exam Unit IV, Unit V Anyone Unit from I, II III 3 Hrs 100 ?
 The Institution Examination Cell smoothly manages all internal exam related activities and the entire evaluation system is monitor clearly.
 For smooth conduction of internal examination, an internal squad comprising of senior faculty members is appointed.

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

E-governance area	Details
Student Admission and Support	(a) Library Software - CAMPUS-iLIB The user can check the availability of the books by entering Accession Number, Title, Author, Call Number, Department, Subjects, and Keywords ISBN through Online Public Access Catalogue (OPAC). (b) SMART NANDHA- Student Database The details of the students and their parents are maintained in smart Nandha software.
Examination	COE Maintenance System has been developed and in use for preparing examination schedule, hall tickets, and results.
Planning and Development	a) Human Resources - Faculty Profile SMART NANDHA enables each faculty to update their quality profile like Workshops/FDP attended, organized, industry institute interaction, guest lecturers delivered, awards, PhD guidance, and so on. b) Human Resources- Alumni Profile To maintain the alumni database, Nandha Registration form has been developed in the Smart Nandha Software and it has been regularly used. c) Hall Booking: For functions and Events like workshops, Symposiums, Guest Lecture, Seminars, Conferences etc. the halls are booked for the conduction of the programme through online in the page "Conference Hall Booking" of NEI.
Administration	a) Reformation Reformation is the web application which deals with many features such as maintenance, transportation, complaint entry etc to conduct the college related activities smoothly. b) CCM Complaints: Faculties

will be allotted for individual classes and students will be representing their classes in order to represent their needs and this will be entered in online through reformation software. c) Complaints Entry: Complaints entry and daily absentees report also will be entered through Smart Nandha Software.

Finance and Accounts

Tally -Accounts Software In our institution Tally account software were used for handling financial statement.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
No file uploaded.				

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
No Data Entered/Not Applicable !!!						
View File						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
13	13	2	2

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• 25 fee concession for their wards if they study in this group of	• 25 fee concession for their wards if they study in this group of	• 100 Tuition fee concessions for students scored very good marks in

institution. • 6 month Maternity leave for the female faculty members. • 10 days Medical leave for 4years above faculty members. • 12 days casual leave. • 24 days On Duty for attending Conference/ seminar/Research activities / Examination Purpose. • 28 days vacation leave for 2 or more Years Experienced Faculty Member. • 1 Lakh Sum Assured Medical Claim Group Insurance Policy for all the Faculty members. • Recommendation for getting personal loan from the bank at lowest interest rates.	institution. • 100 fee concession if the faculty is a Bus in-charge / coordinator. • 100 fee concession if the faculty is the deputy warden. • 6 month Maternity leave for the female faculty members. • 10 days Medical leave. • 12 days casual leave. • 8 days vacation leave for 2 Years Experience Faculty Member in summer winter semester. • 1 Lakh Sum Assured Medical Claim Group Insurance Policy for all the Faculty members. • Recommendation for getting personal loan from the bank at lowest interest rates.	2 • Scholarships for economically backward students from the trust • Scholarships for socially backward students from the trust. • Awards for academic rank holders. • Awards for achievers in sports and games. • Awards for achievers in co-curricular activities and extracurricular activities • Best outgoing student award.
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6.4 – Financial Management and Resource Mobilization

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

Nandha College of technology is conducting internal and external audit regularly. Internal audit is done by a group of committee members whereas external audit is done by an agency. Internal audit committee is looking after the resource mobilization and financial management within the institution with the guidance provided by the external agency.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
No Data Entered/Not Applicable !!!		
No file uploaded.		

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nill	Yes	Committee constituted by Principal
Administrative	Yes	Mr.V. Rajamanickam	Yes	Mr.Sivaprakasam

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

? Feedback about the students growth ? Internal result analysis ? University mark analysis ? Discipline issue ? Placement report ? Parents Orientation

Programme- Through PPT (Norms of Institutions) ? Parent Meet- Students Performance 1. Academic 2. Discipline 3. Non-Academic ? Parents Grievance addressing issues address and solution provision.

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

? Industrial Training (PMKVY) ? Self Development ? Computer Knowledge ? Curricular Development (New syllabus) ? Industrial Visit ? Industrial Training ? Lab Machines and Equipment Maintenance Quality Assurance Programme Practice. ? PTA arranges a freshers day function to welcome the first year students and their parent on that day of commencement of first year classes. ? PTA conducts department wise advisory meeting with parent for each semester separately to enhance the performance of the students. ? PTA provides scholarship/awards for deserving students of the college

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

Nil

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2017	FDP	22/08/2017	23/10/2017	23/10/2017	26
No file uploaded.					

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Health Awareness Program for Girl Students	03/03/2018	03/03/2018	194	0

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

Nil

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Rest Rooms	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of	Number of	Date	Duration	Name of	Issues	Number of
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	initiatives to address locational advantages and disadvantages	initiatives taken to engage with and contribute to local community			initiative	addressed	participating students and staff
2017	1	1	14/06/2017	7	NSS Special Camp	Cleaning of Sennimalapalaya m Village and Created awareness for Health Issues	33

No file uploaded.

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

Title	Date of publication	Follow up(max 100 words)
No Data Entered/Not Applicable !!!		

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
International Women's Day Celebration	08/03/2018	08/03/2018	230

No file uploaded.

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

? Plantation of medicinal plants ? Waste Water Recycling ? Rainwater Harvesting

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice - 1 Title of the Practice: Appreciation for academic Excellence
 1. Objective: To reach the heights in academic excellence. 2. Context: To motivate the students to improve in their academics 3. Practice: Students who have got high percentage in their academics are encouraged by giving a memento in each academic year. These will encourage the students to have a competitive mind and to have an urge to study better. 4. Evidence of Success: The college results improved. 5. Problems Encountered and Recourses Required: The information regarding the students who have topped was collected from each department. The memento was presented to them in the context of the college technical fest. 1. Title of the Practice: Student Industry Preparatory Wing (SIP) 2. Objectives of the Practice The objectives of the practice are as follows: •Objective of the practices is to transform the teaching learning process with conceptual understanding and application orientation •To orient the academic towards industry expectations to reduce the gap between industry and institution •To incorporate laboratory practices with the objective of "practice engineering? rather than studying engineering 3. The Context •The development of the students who are technically competent, professional with the acceptable level of employability skills is the basic requirement for any programme in engineering and technology •The students will have to be

motivated and prepared to be innovative and industry ready when they graduate

- The best practices in the industry will have to be exposed to the students and faculty, so that the outcome of the education is employability with professional competence
- Efforts should be made to bring out the best in the students and make the students to feel up to date and comfortable at work place.
- With this as the goal, an extensive industry institute interaction is planned and executed at the institution.

4. The Practice In order to accomplish this goal the following practices are in place

- The Internal Quality Assurance Cell also has members from the industry
- The student projects from the industry are jointly guided both by the faculty and the members from the industry
- The faculty members visit the industries regularly and also are being trained in the industry

5. Evidence of Success

- Industry Internship for 3 months to 6 months durations in the Industry for the students
- Technical Value added courses conducted by Industry experts
- Inplant training and Project work in industries
- Guest lectures, seminars by Industry experts
- Workshops organized in collaboration with Industries
- Faculty training in the Industries
- Consultancy services provided to the Industries

6. Problems Encountered and Resources Required

- Paradigm shift in the focus of the faculty members from regular teaching
- Establishing competence group amongst the faculty matching the industry expectations
- Financial support by the management

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

<http://www.nandhatech.org/2014-03-24-17-55-32/2020-01-21-10-13-04/best-practice-17-18.html>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

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

Provide the weblink of the institution

<http://www.nandhatech.org/2014-03-24-17-55-32/rdd.html>

8.Future Plans of Actions for Next Academic Year

The aim of this is to provide the quality technical education to the Students and Faculty of Engineering, Sciences, Technology, Management, and Humanities. To give a brief idea about the technological upgradation. Variety of programs and courses - Engineering, Science, Humanities, Management, are the disciplines of courses offered, which enables the students can learn in areas other than their expertise, interest and evaluate themselves on how they compare against the pool of students nationwide. The Certificates are issued to completed faculty and students by MHRD These courses also bring out the self-learning initiative of the students - where their own motivation is what drives them to complete the course and not external compulsions. This fosters the habit of keeping oneself updated always by means of self-study.