YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	ARAVALI INSTITUTE OF TECHNICAL STUDIES
• Name of the Head of the institution	DR. HEMANT DHABHAI
• Designation	DIRECTOR
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	9001055558
• Mobile no	9001275999
• Registered e-mail	info@aravalieducation.org
• Alternate e-mail	accreditation@aravalieducation.org
• Address	Aravali Knowledge Campus, Opposite Umra Railway Station, Umarda
• City/Town	Udaipur
• State/UT	Rajasthan
• Pin Code	313003
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**Self-financing**
• Name of the Affiliating University	**RAJASTHAN TECHNICAL UNIVERSITY**
• Name of the IQAC Coordinator	**SACHIN SHARMA**
• Phone No.	**9001055558**
• Alternate phone No.	**9001075644**
• Mobile	**9694087602**
• IQAC e-mail address	**accreditation@aravalieducation.org**
• Alternate Email address	**a.mathur@aravalieducation.org**
3.Website address (Web link of the AQAR (Previous Academic Year)	www.aravalieducation.org
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	Yes

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B**	**2.35**	**2021**	**17/08/2021**	**16/08/2026**

6.Date of Establishment of IQAC	**05/08/2019**

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	`4`	
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	`Yes`	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	`No`	
• If yes, mention the amount		

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

Initiated and completed the pending syllabus in both semesters of the academic year 2020-21 and conducted internal examinations in online mode during pandemic situation.

Provision of precautions/measures in the campus against COVID19 unlock was initiated.

Organized Expert Lectures, webinars, Facebook Live sessions and FDPs. Some are sponsored under the TEQIP-III RTU(ATU) in Aravali Institute of Technical Studies, Udaipur during the academic year 2020-21.

To promote the Research activity for all staff and also Many Patents and Paper published by our Faculties.

Our institute established IIC by the Ministry of Education, Govt. of India during the year 2020-21.

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

Plan of Action	Achievements/Outcomes
To Schedule GATE Classes in Online Mode in Collaboration with Rajasthan Technical University, Kota.	GATE Coordinator conducted GATE Classes with RTU, Kota.
To Complete Pending M.Tech. Research work of student for session 2014-15 on priority basis	All HoD informed and guidance to all student regarding research work. Maximum Student completed M.Tech. Thesis upto March, 2021.
To make various proposal of FDP/Workshop/Expert Lecture for submitting to Rajasthan Technical University, Sponsored under TEQIP-III	FDP Conducted Under TEQIP-III Sponsored Program with University.

13.Whether the AQAR was placed before statutory body?	No

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2020	29/01/2020

15.Multidisciplinary / interdisciplinary

Being an affiliated college, course structure and the contents (Course curriculum) are designed by the parent university, Rajasthan Technical University, Kota, a state university, which is yet to implement the Multidisciplinary/interdisciplinary approach fully. However, in order to provide the holistic academic growth among the students aligning with the objective of NEP- 2020, an Interdisciplinary/multi-disciplinary curriculum is being implemented at Aravali Institute of Technical Studies by offering Add-on courses to the students which gives freedom to the student to choose their preferred options from the range of programs offered by the institute. Classes for Add-on courses are being conducted on-

line/off-line so that students of all streams can choose their preferred multi-disciplinary subjects.

Institute is carving out the way for the fruitful implementation of multidisciplinary and interdisciplinary education which will definitely enable our students to develop the skills required in 21st century. While more clarity will be visible in coming months on how the multidisciplinary and interdisciplinary approach to education being proposed in the Policy shape up, Institute welcomes the change and ready to implement the same.

16. Academic bank of credits (ABC):

Students are encouraged and guided to earn scores through NPTEL courses and a record of each candidate is maintained by the institute. The experts and counsellors mentor students for MOOCs which makes them eligible to get a degree in the B.TechHonors division by providing a boost of 20 credit points. Due to its nonautonomous status, the Institute and its highly knowledgeable faculty members find themselves in a tight position to help the students further.

The institutional preparedness in implementation of Academic Bank of Credits solely depends upon the guidelines of the affiliated University and Higher Education Department, Govt of Rajasthan. Provisions of Academic bank of Credit proposed in the NEP 2020 is to facilitate multiple entries and exit points in the academic programs. This is an innovative idea to earn and deposit credits through National schemes like SWAYAM, NPTEL, etc. leading to credit transfer and accumulation which will help the students to get the program completed.

17. Skill development:

The vision of the college is to promote Value-Based Quality Education; hence the college takes efforts to inculcate positivity among the learners. The college also celebrates National festivals like Independence Day and Republic Day. Observing various programs like Environment Day, observing the Death and Birth Anniversary of our National leaders which help to take up the good qualities of the students. The Institute organises various activities for the development of soft skills, life skills, values, vocational guidance etc.

The College has made all efforts to build healthier and harmonious working environment with respect to issues related to Gender, Environment and Sustainability, Human values and Professional Ethics

into the curriculum.

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

There is a growing awareness regarding the importance of traditional knowledge of sustainable and holistic development that has been passed down through generations in India.

AITS encourages learning of the national language Hindi by organizing various Programmes including online value-added courses, webinars and seminars on culture heritage & law, and celebration of Hindi Diwas. Further, Subjects like Corporate Governance, Ethics and Social Responsibility of Business, Human Rights and Value Education, etc. in the curriculum of various programs inculcate cultural values in Indian tradition so that students imbibe value orientation.

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

Based on the outcome-based education (OBE) system prescribed in NEP, the Institute is already evaluating the skills, knowledge and performance of the students through the attainment of POs, PSOs and COs.Bloom's Taxonomy is used to develop lucid and extensive COs by the faculty members.

20.Distance education/online education:

The institute has embraced blended learning in addition to classroom teaching. Keeping in view the convenience of the student, the various technological tools used by the faculties especially during the pandemic lockdown like Google Classroom, Zoom, and Google Meet, using videos as teaching and learning aids, group collaboration, interaction, and assignment and revision as well as the assessments have been conducted are some of the institutional efforts towards blended learning.

Extended Profile

1.Programme

1.1   **497**

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

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

2.Student

2.1   **576**

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.2   **20**

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   **160**

Number of outgoing/ final year students during the year

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

3.Academic

3.1   **85**

Number of full time teachers during the year

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

3.2   **85**

Number of sanctioned posts during the year

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**497**

File Description	Documents
Data Template	[View File]()

2.Student

2.1 Number of students during the year	**576**

File Description	Documents
Institutional Data in Prescribed Format	[View File]()

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**20**

File Description	Documents
Data Template	[View File]()

2.3 Number of outgoing/ final year students during the year	**160**

File Description	Documents
Data Template	[View File]()

3.Academic

3.1 Number of full time teachers during the year	**85**

File Description	Documents
Data Template	[View File]()

3.2 Number of sanctioned posts during the year	**85**

File Description	Documents
Data Template	<u>View File</u>

4.Institution

4.1 Total number of Classrooms and Seminar halls	**27**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**97.41**
4.3 Total number of computers on campus for academic purposes	**402**

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

Aravali Institute of Technical Studies, Udaipur affiliated to Rajasthan Technical University, Kota, and approved by AICTE. It conducts five UG and five PG programs in engineering. The institute follows the curriculum activity given by the university. The RTU provides the academic calendar. As per the academic calendar of RTU, the college prepares the academic calendar for students and faculty. The academic calendar provides the date of commencement of the academic session, duration of the semester, period of mid-term test, final semester examinationsand holiday etc. The department allocates subjects to teachers and prepares time table as per the university academic calendar. The lecture plan is prepared bydepartments under the guidance of the concerned faculty.

Course Delivery Methods are:

Lectures: Lectures are used to convey critical information,

background, theories, etc.

Class presentations: Presentations are given to illustrate innovative ideas and concepts.

Tutorials: The tutorials help the students for a better understanding of the subjects and solve their doubts.

Lab experimental work: Laboratory work demonstrates how theory can be verified by experiments. Director conducts a common meeting with allstaff before the commencement of each semester. Students are made aware of the commencement of the semester through common notice and SMS through the ERP system and telephonic call by a concerned mentor.

The Director and Head of the department do a periodical review of the portions covered by the staff members and also the student's attendance.Guest lectures, seminars, Industrial visits, and training programs to supplement the curricular inputs.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://drive.google.com/drive/folders/1Cg-xhU-C2VQY1pJMgzZh8cggQXurlQt-?usp=sharing

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

To make it practically a committee consisting of the Director and Controller of Examinations prepare the academic calendar in lieu with HODs well in advance before the commencement of the semester. The calendar outlines the semester classwork schedule, internal examination schedule, and external examination schedule.

The academic calendar is prepared by Director, Dean (Academics) in consultation with HoD(s).

At the beginning of the academic session, the students are apprised of academic calendar and same is uploaded on college website and displayed on notice boards and at strategic locations.

Only head of the institution can incorporate minor changes in the academic calendar which he may deem fit considering the unforeseen

circumstances.

The Schedule of All Examinations is given in the academic calendar. Assignments are submitted by students as per the Schedule.

Mid Term-I, Mid Term-II, and sessional exams are mentioned in the academic calendar. Display of marks is also as per the schedule.

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

11

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

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)

07

File Description	Documents
Any additional information	<u>View File</u>
Brochure or any other document relating to Add on /Certificate programs	<u>View File</u>
List of Add on /Certificate programs (Data Template)	<u>View File</u>

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

368

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

1.3 - Curriculum Enrichment

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

The current curriculum of the university has many more courses which address Environment and Sustainability development, Human Values, and Professional Ethics related issues across the various programs offered (e.g. humanities and social sciences, environmental engineering, air pollution and control, disaster managementetc.)

The Institute organizes activities related to Environment and Sustainability like Swachha Bharat Abhiyan,Unnat Bharat Abhiyan,Plantation,Disaster Management Training. Blood Donation Camps are organized under human value activities.Professional ethics are amongst students by encouraging them to participate in professional activities like seminars, conferences, workshops, tech fests. Institute organized four clubs as Technical clubs, Literature club, Art of Living, Cultural Club, and adventure club for students. "Robotics Lab" has been established to enhance technical and social awareness among students. The Institute has an active Entrepreneurship Development Cellwhich nurtures the spirit of entrepreneurship. Environmental Science and Engineering

- To the study of nature and the facts about the environment.
- To find and implement scientific, technological,and political solutions to environmental problems.
- To appreciate the importance of the environment by assessing its impact on the human world;
- Tounderstand the features of the earth's interior and surface.

Professional Ethics and Human Values

To enable students to create an awareness on Engineering Ethics and Human Values, to instill Moral and Social Values andto appreciate the rights of others.

Professional Ethics :

- To understand the concepts of computer ethics.
- To understand the intricacies of accessibility issues.
- To ensure safe exits when designing the software projects.

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

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

17

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

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

477

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

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	NIL
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	View File

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

B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	View File
URL for feedback report	NIL

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

257

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

0

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

2.2 - Catering to Student Diversity

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

The Institute organizes orientation program for the newcomer students at the commencement of new batch every year. This program helps students and parents to get familiarized with the institution, curricular and co-curricular activities, facilities,

rules and regulations etc. Every year students are given personality development programs that involve communication skills, personality development, time management and motivational sessions which helps to develop a positive attitude towards life and reduces stress.Diploma to Degree students are given special classes to gain the knowledge about basics of Mechanical, Electrical & Plumbing. Workshops are organized on regular basis to motivate both the slow learners and advanced learners to enhance their skills. Guest Lectures and seminars are arranged for the students as to gainknowledge and to get them involved in the class. Itallows them to learn in a more engaging and topic specific manner.

Activitiesfor Advanced learners:

- Clubs for the annual events.
- NPTEL/Advanced courses
- Seminars/Conferences
- Industrial Visits
- Model Making
- Motivation and guidance for higher studies
- Paper publication
- Product Developmet

Activities for Slow learners :

- Remedial classes/ Extra lectures
- Periodic interaction with parents
- Course Notes
- Seminars/Project Presentation
- Tutorials
- Appropriate counseling with additional teaching
- Motivational Videos

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

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

Number of Students	Number of Teachers
576	85

File Description	Documents
Any additional information	[View File](#)

2.3 - Teaching- Learning Process

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

The following are a variety of student-centered teaching and learning strategies.

Methods of Course Delivery:

- **Presentationsand video presentations Extra classes and tutorials**
- **Different online methods such as Google Classroom, Google Meetetc. were used during Covid-19 crisis/lockdown.**
- **Written Assignments for Lab Experiments**
- **Identifying online resources for self-learning through e-learning NPTEL Case Studies/Technical Reports/Magazine NPTEL Case Studies/Technical Reports/Magazine**
- **Virtual lab with Red-Hat Webinars**

The following are cutting-edge teaching and learning strategies:

- **Students are encouraged to look for and use resources outside of the classroom to investigate open questions/problems, improve critical thinking skills.**
- **Faculty use brainstorming, quizzes, debates, GD, model construction, mini-projects, presentations, and simulations on technical content to engage students in the learning process more directly.**
- **Participants in projects/competitions are allocated various tasks, assignments, portfolios, and activities in which they participate in difficult, demanding challenges and collaborate to solve them using inter-disciplinary expertise.**
- **Experimential learning in the field, such as internships and service learning.**
- **Invited speeches by industry and academic experts on topics that go beyond the syllabus and current trends. For the career development of students, MOUs are formed with top**

industries.
- Organizing field visits and industrial visits for special surveys.
- On campus, students can use Wi-Fi to access technical materials such as NPTEL Lectures, video clips etc.

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

Teaching-Learning is a phenomena in which both the teacher and the student learn in an environmentally friendly setting. Traditional teaching methods have been replaced by more inventive and creative methods of communicating, sharing, and assisting students' knowledge acquisition.

Faculty participate in a variety of faculty development programmes to gain domain expertise and learn about current trends in education technology and pedagogy, which helps them to be more inventive in their teaching. Faculty speeches in departments help teachers learn from one another. Faculty and institutes utilise the following tools and strategies to make teaching more innovative:

- ICT-assisted teaching and learning (Model, etc).
- Faculty exposure to Industrial Faculty development Industry-academic collaboration.
- Platforms for social learning on the internet (WhatsApp, blogs, etc) Social-technical programme.
- Interaction between academics and the student's company guide during the entire semester internship Projects that have been funded.
- Methods of proactive instruction (group discussions, role play, games in class like mime, treasure hunt, mimicry, etc.)
- Faculty industrial visits
- Seminars and Conferences
- Audio and video editing software Presentation with animation
- Role Playing Games and Puzzles
- Motivational Talks by the Entrepreneur Cell (Forum for

Science and Technology)

- **Expert talks as part of the Faculty Development Program**

All of the following innovations and creativity in the teaching-learning process help students and faculty enhance not only their academic performance but also their communication, human relations, technical, and management abilities, preparing them for the workforce.

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

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

2.3.3.1 - Number of mentors

62

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

2.4 - Teacher Profile and Quality

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

85

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

11

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

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

2.4.3.1 - Total experience of full-time teachers

345

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

2.5 - Evaluation Process and Reforms

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

The institute establishes the rules and regulations for the evaluation process, which are presented to students through syllabus copies provided at the start of the first year of their academic programme.

Internal evaluation schedules are presented to students and faculty at the start of each semester according to the institute academic calendar.

The internal assessment evaluation procedure is explained to students by the involved professors as well as during the first-year student orientation programme. Internal assessment syllabuses will be presented to students in advance. The Hod approves the question papers, which are created depending on the course outcomes. Following the completion of the assessment, the concerned faculty prepares a scheme and solution.

During Covid-19 crisis, internal exams were conducted through online mediums (Google Classroom).

The following criteria are used to evaluate theory subjects:

- Three internal tests
- University External Exam
- Assignments
- Seminars

Practical subjects are assessed through:

- Two internal practical tests
- University external lab exam
- Projects

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

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

The first-year students are informed about the evaluation procedure as well as university laws and regulations on Orientation Day. For end-of-semester exams, the university allows for an 80 percent grade and a 20% internal grade.

The class mentor keeps a close eye on the students' attendance and performance in internal evaluation tests and external semester examinations.

An examination committee is formed at the college level, consisting of a senior teacher as convener and other teaching and non-teaching personnel as members, to handle concerns relating to the evaluation process. Each semester, three internal evaluation tests are given, with a timetable established well in advance and disclosed to the students.

When conducting internals and semester-end examinations, the college strictly adheres to the guidelinesand rules established by the affiliating university. Even for internal assessment tests, the seating plan and table marking are followed, and they are displayed on the notice board alongside the internal assessment timetable. Students and faculty members are made aware of the importance of maintaining transparency in the assessment process. Faculty review the question papers to determine the percentage of difficulty in the question paper, and feedback is given to the Department Head.

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.

AravaliInstitute of Technical Studieshas formulated well defined Vision and Mission statements and in correlation with this, each department formulated its own vision and mission statements that have been approved by the academic council. The department formulates the Programme Educational Objectives (PEOs), Program Specific Outcomes (PSOs) for each programme Outcomes (POs) and Course Outcomes (COs) for all the courses in the curriculum. In the Department meeting, they are analyzed and implemented. The approved Statements are published in the Institute Website and Communicated to Various Stakeholders.

Teachers are aware of Programme outcomes and course outcomes by attending different programs arranged by the institution.

Faculties are oriented by many workshops and seminars on Outcome Based Education (OBE). Faculty members have attended many programs related to Outcome-based Education.

Students are aware of disseminating the course outcomes and programme outcomes in various places. Faculty members are getting the course outcome survey every semester. The Question papers are prepared based on Knowledge which includes Course outcome.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.aravalieducation.org/civil-dep-b-tech-m-tech/
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.

- Attainment of the COs can be measured directly and indirectly.
- Direct attainment basically displays the student's knowledge and skills from their performance. It can be determined from the students' performance in all the relevant assessment instruments – like internal assessments, assignments, quizzes, and final university examinations.
- Indirect methods such as surveys and interviews ask the stakeholders to reflect on students' learning. They assess opinions or thoughts about the graduate's knowledge or skills.

CO Assessment Processes

Assessment tools are categorized into two methods to assess the course outcomes:

S.No. Direct Assessment Indirect Assessment 1 Internal Assessment Test (IA) Theory Examination Marks 2 Lab Assessment Practical Examination Marks 3 Seminar Project Viva Voce 4 Project -

COCAT-Course Outcome Attainment Test

Target levels of attainment of Course Outcomes (COs) are set; Course is delivered; actual attainment of COs is determined using

internal assessment test 1, 2, 3 and RTU exams.

The performance of students in different assessments (IA, RTU exams) is evaluated for the attainment of POs.

Some of the Direct CO assessment tools used to measure the attainment levels are :

Test – I,

Test – II, Assignments, Quiz, end semester exams,

performance during experiments etc.

A course Exit survey is also conducted at the end of the semester. The different weights are assigned to each of the above tools.

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

141

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	No File Uploaded
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://drive.google.com/drive/folders/1-fM49jtuoZ5puY5oXv-QOB9sMSqKipil?usp=sharing

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)

0

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

0

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

0

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 is established on an environmentally friendly campus, and our administration encourages employees and students to participate in research projects and publications. The institute consistently provides students with motivation, support, and a platform to demonstrate their abilities and knowledge in a variety of competitive technical events and cultural activities.

Aside from the incubator, the institute makes further efforts to transmit advanced knowledge through technical activities such as SAE-India, Robotics workshop, 3D-design, and MEP activity. The institute provides financial, academic, and infrastructural support, as well as any other resources needed and made available from time to time.

The institute's students compete in a variety of technical competitions at the national level. Special amenities, such as the internet and a library, as well as the necessary infrastructure, such as space, equipment, and support services, have been made available 24 hours a day, seven days a week for the competition's preparation. The institute has worked with various organizations, institutions, and research bodies (CADD Center, Red Hat) to share research facilities that help students prepare for their exams.Academic concessions are also offered to students in the form of leaves for attending events, conferencesand workshops. Professional counseling is also given in the institute to help studentsenhance their morale. Incubates are housed on campus. We give them with a guest room in which they can stay with their family (i.e. two persons).

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

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

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

07

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

11

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

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

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

21

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

43

File Description	Documents
Any additional information	No File Uploaded
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

The institute has a helpful vision and mission, institute is very insightful to the impact of various more activities on its students, employees, as well as on the environment. We aim to pursue our goals as one, keeping in agreement with the planet and society. The institute facilitates the student in various social and technical activities. Most of the social activities were carried on online mode due to Covid-19 crisis. Technical activity improves their qualities such as time management, project management, costing, marketing skills, event management, communication skill, etc. Similarly social activities enhance and create social awareness and responsibilities in the students. During Covid-19 crisis, our institute distributed variousCovid essential medical devices such as masks, gloves, sanitizers, etc in the rural areas nearby.

Entrepreneur Development Cell (EDC) initiated various activities for the career development of students at different mediums like self-employment, startup initiatives, and collaboration with research institutions. On the basis of qualitative and

quantitative outcome-based, ideas are shortlisted and suggested for incubation and development. EDC encourages establishing different clubs constituted by the students thereby favoring the students by providing guidance on healthy innovation interactive sessions. Further, these discussions are converted into innovative projects and other development activities in the research context. EDC organized a three-day Entrepreneurship Awareness Camp.

Institutional Inauguration Council (IIC) was established this yearin our Institute.

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

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

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

0

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

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

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

1

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

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

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

72

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

3.5 - Collaboration

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

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

0

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

03

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
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 infrastructure of this institute has adequate facilities to meet the norms laid by the AICTE, RTU, Kota.This institution has obligatory infrastructure required for effective teaching-learning process, co-curricular and extra-curricular activities.

The building is built with the Green Building concept. Natural lighting and ample air are provided to the students toenriching their learning experience.

The Classrooms are spacious, well built and heavily facilitated. Sixteen of the lecture rooms are equipped with technology like projectors, wireless microphones, sound systems, marker boards.

The Library is equipped with the mandatory books, journals, web based resources, audio/video materialsas well as extra reference material with online resources. Enterprise resource planning (ERP) is deployed for effective academic planning and monitoring.

Students are also encouraged to watch NPTEL videos which is a project of MHRD initiated by seven IITs for enhancing the learning. Wi-Fi and LAN facilities are provided and internet for the students for instant accessibility of knowledge is issued withmonitoredaccess.

The laboratory is equipped with resources for necessary procedures designed to dispense the practical knowledge of studentsandall safety measures are taken. Lab assistants are present during all sessions.The labs are maintained in clean and hygienic manner.

Each department is equipped with sufficient number of computers. All departmental labs are installed with the prescribed software.

Several other facilities such as the seminar hall, conference hall, libraries and more are made available to the students to encourage them to participate in all events.

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

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

The Aroma Education Society has always encouraged and supported the co-curricular and extracurricular activities in this institute. This institute have also carried forward the legacy of society by promoting the co- curricular and extracurricular activities at their level.

Students are trained in sports under the guidance of qualified and specialized coaches. Every week, one hour is allotted for the sports in the timetable.

Outdoor Games: Cricket, Football, Kho-kho, Volleyball and Kabbadi. Indoor Games: Table tennis, Chess, Carrom, Badminton and Gymnasium. Cultural Activities: Open Air Theatre, seminar hall with practice area.

Regular training is provided to those students who show extraordinary skills in different sports. These students are selected through selection trials. They are trained and encouraged to participate in various level of competition.

The students who show excellent performance at University, State and National level competition are encouraged by college by giving them track suits and sports kits. The student achievement is also acknowledged by felicitating them at Society and Institute level

functions. Yoga classes are conducted for the faculty and students by expert yoga trainers.

CULTURAL ACTIVITIES

The college believes in all-round development of its students. It constantly encourages them to take part in extra-curricular activities to spark their interests and cultivate leadership qualities as well as team spirit. Every year the college conducts cultural programs to make this happen.

Two open air theatres are allotted for conducting different types of cultural programs. Activities conducted include dance (solo and group), ramp walk, singing, pot breaking and tradition day etc.

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.

27

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/drive/folders/10xodssCIgc-fpEI1Ee1QZiRMibFHpbvT?usp=sharing
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)

97.41

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	View File

4.2 - Library as a Learning Resource

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

Integrated Library Management System is used to manage different functions of library. Institute Central Library is using commercial software as well as Open Source software for Automation of Library Services.

College Management ERP Solutions are a mandatory requirement for a proper and systematic working of the organization. Web based College Software solutions which can run on Cloud Model i.e. internet; are easy to implement and use. "IFW Campus ERP 2.0" is an integrated cloud-based platform for Colleges which comes with modules like;

1. College Front Office Management
2. Student Fee Management
3. Hostel Management
4. College Mess Management
5. College Transport Management
6. Student Attendance Management
7. Employee Attendance Management
8. College Time Table Management
9. College Library Management
10. College Syllabus & Lesson Plan Management
11. College Assignments Management
12. College Notes Management
13. E-Library Management
14. College Events Management
15. Mentorship Management
16. Payroll Management

17. Accounts Management

18. **College and Online Exam Management**

19. **Feedback on Faculty Management**

20. **College Alumni Management**

21. **College TPO Training and Placement Office Management**

Name of ILMS Software

ERP 2.0

Nature of Automation

Fully Automated

Version

2.0

Year of Automation

2013

This software has modules like Acquisition, Cataloguing, Circulation, Serial Control. Acquisition modules &Cataloguing Module is utilized for generating accession register reports, adding Bulk student's record, updating item lending policy and its status. Circulation module has books issue, return, and reserve options. Various reports such as loan borrower, item inventory status, circulation status summery, item transactions and operator wise transactions can be generated in this module. Similarly, library barcodes aregenerated through this module making cumbersome library work simpler, effective etc.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	https://drive.google.com/drive/folders/1aWqULS9tbnJDOpIgegJKrLDfcR9QDRun?usp=sharing

4.2.2 - The institution has subscription for the following e-resources e-journals e- **C. Any 2 of the above**

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

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

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

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

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

25

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

College aims at providing the futuristic facilities to its students so that they can utilize these resources to reach greater

heights. In this electronic communication era, the internet communication is very important in teaching learning process. To fulfill the norms of AICTE and University, the institute has strong IT infrastructure. To enable this, the institution frequently updates its IT facilities to provide its students withthe best of facilities.

The institute has massive network of 402 computers with 56 Mbps Internet connectivity and Wi-Fi facility to fulfill the academic and research need. Centralized firewall Cyber roam is used for network monitoring, management and Internet security. The institute has deployed the educational Enterprise Resource Planning (ERP) software also which manages the entire administration, campus operations, and academic management in an efficient way.

Faculty members have provided with the computer and Internet connection at their respective locations. All the Computer laboratories and facilities are connected with the Internet and are made available to the faculties and students for their academic needs in their respective departments. Central computing facility with Intel core i3 computers with 56 Mbps speed Internet connectivity is available for research & development . For uninterrupted computing, UPS is available in all computer laboratories.

LAN facility: 3-Layer Switching (Core, Distributed and Access) network is available for the entire campus. Core layer switches in the buildings have been connected with the Optical Fiber Ring Network. This core switching is further extended to Distributed Switching for departments.

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

4.3.2 - Number of Computers

402

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

A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
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)

97.41

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)	View File

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

There are college level committees that look after the various aspects of the utilization and maintenance of the physical, academic and support facilities.The role and responsibilities of committees are given below:

1. Repair and Maintenance of laboratory equipments/instruments are initiated by the respective laboratory In-charge.

2. The institute garden is maintained by the gardener appointed by the society.

3. The purchase committee handles the repair/maintenance/calibration request appropriately by placing order to the respective equipment experts. As a precautionary measure laboratory in charge, along with laboratory assistant, ensures proper working of all equipment at the beginning of each semester.

4. The classrooms, laboratories, seminar halls, and library facilities are utilized regularly by the students for the learning process.

5. The maintenance of water coolers, EPABX system, and Air conditioners in the institute is carried by external agencies through annual maintenance contract.

6. The maintenance and housekeeping of the classrooms, laboratories, library, and the institute as a whole are taken care by external agency and non-teaching staff. Security of the institute is assigned to external agency.

7. There are computer/software laboratories for each departmentwith proper networking for internet access.

8. All the computer related facilities are maintained by giving annual maintenance contract to third party.

9. The institute has large open grounds for cricket, football, volleyball and basketball and a gymnasium utilized by the students.

10. Minor maintenance of furniture items,electrical maintenance and metal fixtures is carried out by the workshop department.

11. The sports facility of the institute is handled by a physical director.

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

152

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)	<u>View File</u>

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

288

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)	<u>View File</u>

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

A. All of the above

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

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

779

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

779

File Description	Documents
Any additional information	View File
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	<u>View File</u>
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

122

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

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

05

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

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

0

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

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.

0

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

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)

This institute formed different Clubs for involvement of the students in academic, co-curricular & extracurricular activities. These clubs helps the students in learn planning, organization,

analysis, estimation and execution. These clubs get involved outside of the classroom to reinforce the learning that happens inside the classroom.From the different discipline, we have Chairman, President, Vice President selected by the respective department for the smooth conduction.

These clubs are governed by a committee of faculty members headed by Director of the college. There are

5 clubs viz. Adventure Club, Technical Club, Art of Living Club, Literary Club, Entrepreneurship Development Cell (EDC), Abhiyanta Seva Club and Cultural Club and each club organize various Cultural function, Sports, Technical events.

Following is the narrative of functions and events conducted by various Committees:

1. Anti-Ragging: This committee ensures free ragging incidents in the Institute and also spreads awareness among students.

1. Cultural: This committee co-ordinates various cultural activities and events throughout the year. "AROMA" is annual social gathering which showcases cultural talent of students. Our students participate in competitions likeHackathon and Techfests every year and bag prizes.
2. Sport: This Adventure Club organizes Intra College Cricket,Volleyball,and various other tournaments. It also organizes intercollege sports events.
3. Technical Activities: Every Department is having active Student's committee associated with the Technical Club of the institute. This Club conducts various programs such as Expert lectures, Industrial visits to name a few. Institute organizes technical competitions every year consisting of various technical competitions.

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

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

`02`

File Description	Documents
Report of the event	View File
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

This institution is extremely proud of every member of its alumni. Most of them are successful in their careers in jobs, higher education, and the field of entrepreneurship. We successfully draw on their support through Annual Alumni meets. The Institute established the Alumni association in the academic year 2014-15. The main objectives of the association are:

- To guide studentson various professional avenues available and support them through expert advice,seminars,visit, etc.
- To help and assist other regional bodies for training programs in entrepreneurship development.
- To mentor the students of the Institute for higher education, development of character.
- To encourage the Alumni to take an abiding interest in the process and development of the Institute.
- Promote the Industry-Institute interaction to bridge the gap between industry requirements and education.
- To promote and foster mutually beneficial interaction between Alumni and the Institute.
- To encourage the formation of regional chapters to increase participation of Alumni.
- To arrange and support placement activities for the students.
- To encourage the students of the Institute and members of the Association for research & development.

- To encourage and guide the students of the Institute on self-employment to become entrepreneurs.
- To help and guide students and ex-students of the Institute for anti-drug, anti-ragging, etc.

Sighting the above objectives of Alumni Association our alumni contributes in many ways for the development and betterment of our Institute. Our students and Institute are benefited in various fields such as student placement, training, expert lectures, career guidance sessions, Industrial visits and mentoring.

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)

E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

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

Tomorrow will take care itself, if one does an excellent job today. To nurture and develop talent blended with values and technology to strengthen the technical manpower of the nation.

MISSION

1. Impart quality education along with industrial exposure
2. To provide an industry interface for faculty and students to work on projects with end goal of real time knowledge.
3. Enhancing the quality of life through sustainable development
4. To continuous development of infrastructure and enhance state-of-the-art equipment to provide our students a

technology up-to-date and intellectually inspiring
environment of learning, research, creativity, innovation
and professional activity and provide ethical and moral
values.

Vision and Mission of the Institute focuses on the needs of
society by providing quality education. The Institute believes in
promoting a culture of delegation of powers through strategic
policies. The Principal of Institute is assisted by HODs,
Administrative Head, Section in-charges and coordinators of
various cells/committees in decision making process of the
Institute. Faculty and staff are assigned with the roles and
responsibility to work in a harmonious environment with complete
transparency. IQAC has a well developed process to ensure quality
benchmarks of academic and administrative activities.

Based on the Vision and Mission of the Institution, Quality
Policies are framed and driven by the needs of the corporate
world, society and stakeholders. Institute has a perspective plan
developed by the Principal andHOD's with suggestions of IQAC.
Deployment of the quality policy is done by providing requisite
academic infrastructure, a learning environment, and harmonious
work culture.

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

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

The Institution has culture of decentralized governance system
with well-defined inter-relationships. There are various
committees involving faculty which are constituted to manage
different institutional activities. Committees are formed for the
various curricular, co-curricular and extra-curricular activities
to be conducted during the academic year. The departments are
encouraged to arrange various activities with the support of
Management for the benefit of Students and Faculty; also the
management has extended enough financial powers to Head of the
Institute and Department Heads.

College is keen on the teachers' involvement and participation for improvement of effectiveness and efficiency of the institutional teaching learning process. The Institute has always been in favor of participative management. The decision suggested by teachers in the meetings in the forum of HOD, and department meetings are conveyed to the management through Director. The management ensures that the opinions and suggestions made by faculty and staff are included in decisions implemented for college development.

A case in point: Annual budget: Proposal, Approval and Allocation.

They arrive on a conclusive summary after discussing the essential requirements to fulfill the needs of the department including the budget required for student development activities.

Along with this, lab-in charges are also asked to come up with a proposal of their requirements including purchase of new equipment, repairs and maintenances, service, training and up gradation.

All proposals from various persons in charge, faculty and students are discussed in department meetings, reviewed and forwarded to the reporting authority for further processing.

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

ERP Process

In our institute all major tasks related to teaching learning, academic/administration planning, implementation and analysis of variety of tasks are being carried out by ERP. Enterprise resource planning (ERP) is business process management software. It has allowed our organization to use the system of integrated applications to manage our academic activities online.

Institute started using ERP in its day to day academic and administrative activities from the year 2013-14. The chronological

transformation of academic activities is achieved through strategic planning from offline to online which can be briefed as follows:

Offline to Online Transformation

Before the implementation of ERP system, the method of filling and maintaining the hard copy of Academic Performance Report (APR)/Teacher's Diary was in use in the institute since the early years. It contained all the basic activities in single booklet covering academic calendar, time table, syllabus, teaching plan, attendance along with academic monitoring for theory and laboratory performance of the students. It also contained the records for Project/Seminar progression, industrial visits, result analysis and faculty appraisal.

Major functions currently carried by ERP software are:

1. Teaching plans
2. Time tables (Academic/Class and Personal)
3. Attendance monitoring
4. Examination schedule
5. Class assignments record
6. Syllabus coverage monitoring
7. SMS to the parents and students

8. Faculty feedback by students

9. Fee Module

10. Faculty Profile

11. Students database

12. I-card generation

13. Roll call list generation

14. Subject allotment and accessibility authority (Faculty, GFM, Head)

15. Variety of reports pertaining to academic monitoring can be printed

    Additional modules can be added, if needed.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
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.

Aravali Institute of Technical Studies has well established organizational structure to execute out smooth functioning of administrative and academic processes. Various bodies are formulated which constitutes the organization chart. The governing body is the highest decision making body constituting members of the management, Principal and nominated faculty members. Board members are under Chairman. Principal is the academic and administrative head of the institution. Administrative set up of the institution is as per the organization chart of the organization. Dean academics reports to Director. Heads of the department report to Dean Academics. Staff report to respective coordinators. Coordinators are under Heads of the department. There are directors, deans and leads under chairman for development activities.

Decisions like introduction of new course, closure of existing courses, construction of new blocks, enhancement of physical facilities and other initiatives for improvement of the institution are taken in the form of society resolutions in the governing body. Governing body is the ultimate authority for any decision in the institution.

Service rules have been formulated as per the guidelines of competent authorities like affiliating university and approval body (AICTE, RTU, BTER) and institutional values.

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

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

The institutionappreciates the efforts of its staff. The institute recognizes their hard work and acknowledges their needs and requirements.As a result the institution has a very strong welfare policy for its teaching and non-teaching staff.

Increments are given to the top performers on the basis of the appraisal system of the college. The performance of each member of the faculty andnon-teaching staff, is evaluated by the institution. Performance appraisal starts with tracking of individual accomplishments in terms of self-rating for all parameters like attendance,results,paper presentations,publications,conferences,workshops,seminars attended,certifications, and awards received. Further ratings are given by the HOD's followed by the Principal of our college.

TSL (Training and Study Leave) is approved for the faculty who go

for doctoral programs or Career Advance Scheme. The institution encourages the faculty who are pursuing Ph.D., to avail themselves one-month extra summer vacation and a week break during examinations.

Provident fund is paid by the institution as per the statutory rules. Partial Medical Insurance extended by the institution. A Grievance Redressal Cell is formed and all faculty concerns are addressed.Summer vacation of 2 weeks is given to the entire faculty who have completed a minimum of six months service in the institution. Flexible work hours are permitted to the faculty with personal difficulties. Faculty can apply for flexible work hours, in the beginning of the academic year, once the need of flexibility and justification of compensating the gaps caused by the absence is determined.

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

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

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

0

File Description	Documents
Upload any additional information	**No File Uploaded**
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

3

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

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

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

81

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

Performance Appraisal System for Faculty:

Employees are the most fundamental parts of any organization. The institution respects and acknowledges the contribution of all its

members. It also rewards them duly. PAR system inspires Faculty which boosts professional knowledge and growth. Therefore it is made mandatory for every Faculty and Staff to submit the performance appraisal every semester. The performance appraisal system evaluates on following parameters:

1. Teaching, learning and evaluation related performance (number of theory, practical and tutorial hours conducted against the load given)
2. Co-curricular, extension and professional development related activities (Extension/co-curricular, Professional Development related Activities and Contribution to Management of Institution
3. Research, publications and academic contributions
4. Official conduct (target based works, punctuality and obedience)

Other relevant information (consists of significant contribution, awards received and additional activities not included in the above points)

Performance Appraisal System for Staff:

Performance Appraisal System for Staff is monitored on the parameters observed viz. Performance factors include industry and applications, capacity to get the work done by subordinates, and relations with colleagues. The integrity and their character are also reviewed. The length of service under reviewing authority is noted. The system is transparent and the appraisal with comments of the HODis then analyzed by the Director. After the evaluation, every concerned staff is either appreciated or directed for further improvements. The appraisal system is also for the attendants; the parameters for the assessment are physical ability, technical ability, obedience, and punctuality.

Based onreviews, the report is submitted to the Management.

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

6.4 - Financial Management and Resource Mobilization

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

There are well defined processes for sanction of budget to expenditure. Our society has maintained a very transparent financial system in the institutions.

An internal approval system for all expenses is in place. Accordingly bill/voucher is recommended by the Head of the Department and approved by the Principal and Honorary Secretary of Aroma Education society. All the bills/vouchers are audited by an Internal Auditor on a routine basis. Proper record of all the expenses is maintained by the accounts department. During the course of Internal Audit, all required steps are taken to regularize the accounts and to obtain confirmations for the credit balances, to collect documentary evidences wherever inadequate in respect of payments, compliances of T.D.S. and Statutory Formalities and Reconciliation of Unit wise balances with the Control Accounts and Bank Reconciliations. The copy of the internal audit report covering all matters related to maintenance of accounts is preserved.

No major objections are found in the audit by the statutory auditors and minor audit suggestions are compiled as per procedure.

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)	[View File](#)

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

There are well defined processes for sanction of budget to expenditure. Our society has maintained a very transparent financial system in the institutions.

An internal approval system for all expenses is in place. Accordingly, the bill/voucher is recommended by the Head of the Department and approved by the Principal and Honorary Secretary of Aroma Education society. All the bills/vouchers are audited by an Internal Auditor on a routine basis. A proper record of all the expenses is maintained by the accounts department. During the course of Internal Audit, all required steps are taken to regularize the accounts and to obtain confirmations for the credit balances, to collect documentary evidence wherever inadequate in respect of payments, compliances of T.D.S. and Statutory Formalities and Reconciliation of Unit wise balances with the Control Accounts and Bank Reconciliations. A copy of the internal audit report covering all matters related to the maintenance of accounts is preserved.

Institute has made the necessary provision in the books of account towards efficient use of available fund for each academic year.

- **Every year, the budget is prepared well in advance after taking into consideration the requirement of every Department.**
- **The budget is reviewed by the management and approved after necessary changes.**
- **The Society has constituted a separate purchase Committee comprising of Management representative, Principal & college concerned staff.**
- **Financial audits are conducted by a chartered accountant every financial year to verify the compliance with established processes.**

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

6.5 - Internal Quality Assurance System

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

It is responsible for directing, developing, providing, and implementing guidelines to review curricular, instructional, teaching and learning materials. Latest teaching aids, techniques, activities, assessment tools and methodologies are used to enhance overall functioning to achieve goals of the Institute.

Two examples of institutional reviews and implementation of teaching learning reforms are outlined below:

1. Academic Monitoring System

Institute has system of monitoring of academic activities periodically. Number of lectures conducted by faculty members is monitored monthly and at the end of semester. Number of defaulter students is fortnightly monitored and makeup lectures are conducted for defaulter students. This resulted in substantial reduction in the number of defaulter students which can be demonstrated from the graph attached. Review of University examination results, internal examinations and student's feedback for teaching are also taken regularly. Some sample sheets are attached.

Teacher's Diary:

Teacher's Diary of every course are used to bring objectivity and strategize the course of teaching and learning for every topic. The teachers go through the syllabus and ensure that all the registered students fulfill the pre-requisites of the course. They check if the students have a fair knowledge of the basics, so that they are able to understand the teaching. This is done by planning surveys and announcements.

2.Video Classes and NPTEL online courses

Other than smart class rooms lectures, videos are played for specific topics beyond the syllabus but related to the latest technology in the respective domains.

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

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

It is responsible for directing, developing, providing, and implementing guidelines to review curricular, instructional, teaching and learning materials. Latest teaching aids, techniques, activities, assessment tools and methodologies are used to enhance overall functioning to achieve goals of the Institute.

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Other than smart class rooms lectures, videos are played for specific topics beyond the syllabus but related to the latest technology in the respective domains.

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

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

A. All of the above

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

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Safety and Security : - Precautions have been taken during transport, in the campus, canteen, and library, sports area to monitor the movement of students and ensure safety of the students.

Following steps are taken to ensure safety of the students:

1. **The institute campus has a strict Security checks at entrance for all persons with CCTV Cameras.**
2. **Institute has installed CCTV Cameras at different locations in theInstitute.**
3. **Students and staff wear Identity card at all times.**
4. **All corridors and laboratories are equipped with fire extinguishers.**
5. **Security guards are available for twenty four hours in campus. Nearby police station contact numbers and toll free help line numbers are displayed on notice boards at strategic locations including Girls common room.**
6. **Pick up and drop facility is available for girl students at the time of late night events such as Annual Function, Tech Fests, etc. held in the institute.**

Counseling : -The major objective of the counselling center is to facilitate Academic, Emotional, Social and cognitive development of the students. The institute has established Students Counseling Cell for the overall development of the students through interaction.Students are allocated to specific mentor for entire semester.Professional gents and ladies counsellors are appointed at the institute level for addressing issues of staff and students.

Common Room : - Dedicated Common Room for female students with resting facilities have been created. Specific Sanitary Pad Disposal Box is installed in the girl's common room.

File Description	Documents
Annual gender sensitization action plan	NIL
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/

B. Any 3 of the above

power efficient equipment

File Description	Documents
Geo tagged Photographs	[View File](#)
Any other relevant information	[View File](#)

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

AITS practice the waste management including solid waste management, liquid waste management and E- waste management through proper dumping and recycling.

Solid waste management:

The institution takes various measures to ensure collection and proper dumping (outside of campus area) of solid waste like plastic, garbage, roots, leaves, etc. from the source of the generation which is harmful for environment.

The waste bins are placed separately at every corner of the corridor, wash rooms and common room. The dry waste bins are also placed in laboratories, library, classrooms, etc. The dry and wet waste is handedover to municipal waste collection agency for further treatment.

Liquid waste management:

Liquid Waste from campus is conveyed through the underground pipe lines to the Underground tank and further the pipeline is connected with man pipe line of waste management..

E-waste management:

Due to advancement in technology, various types of electronic gadgets are being manufactured and marketed.Since these products contain some kind of hazardous materials like lithium, lead, zinc, etc. improper disposal of these products is harmful for living beings. Therefore, management of E-waste is an important issue. We follow following practices:

1. All Electronic waste CPU's, Hard disks, Laboratory Equipment scrap is sent to the market for sale.

2. Obsolete yet workable computers, printers and other equipment discarded by departments are donated to various foundation.

3. The cartridges of printers are refilled outside the college campus.

4. UPS Batteries are recharged and repaired by the suppliers.

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	View File

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	View File

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

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

A. Any 4 or all of the above

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

A. Any 4 or all 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).

Inclusive environment towards cultural, regional, linguistic, communal socioeconomic and other diversities

The Institute has many diversities in every aspect, it deals with many co-curricular activities related to faculty and students and also related with social and communal diversities. Many programs are organized on specific days such as republic day celebration, awareness programs and seminars and other activities related to socio economic such as "Swachh Bharat Abhiyan " and helmet awareness program etc.

Convocation of University and Run for Wild Life programs are also executed for maintaining different type of activities.

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

Sensitization of Students and employees of the Institution to the constitutional obligations: Values, rights, duties and responsibilities of citizen

Extension Activities:

The institution promotes college-neighborhood network community development by conducting regular Activities related to social responsibilities of the institute.

AITS Units comprising of more than all students are active in community development activities. The following activities are doing for community development.

- Tree Plantation
- World Water Day Celebration International women's day celebration Rural Area Development
- Swachh Bharat International yoga day
- Women's empowerment and health awareness
- Created awareness about Energy saving and power factor correction Leadership Skills and Soft Skills Training
- National Voters Day Blood Donation camp

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

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

A. All of the above

File Description	Documents
Code of ethics policy document	[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

Institute celebrates/ Organizes national and international commemoratives days, events and festivals

Institution organizes various National Festivals and birth anniversaries of the great Indian personalities every year. Few of them are mentioned below:

Republic Day 26 January (Every year)

Independence Day and Republic Day are celebrated every year without compromise. Staff and students from Diploma, Engineering gathers at one campus along with the Office Bearers.

15th September- Engineer's Day

Birthday of Dr. Mokshagundam Visheshwaraih is celebrated as Engineers' Day. All the departments organize technical competitions on the occasion.

National Science Day

National Science Day is celebrated in the memory of Dr. C.V. Raman's invention of Raman Effect. Poster presentations and quiz competitions are conducted.

Diwali Celebrations

Our Institute celebrate the hindus main festival Diwali, the festival of lights , came alive at Aravali Institute of Technical Studies on every year when the whole Campus wore a festival look with pots, diyas,rangoli and lanterns adorning the reception and

corridors of the.

Sports Day

In India, sports days are held for 2 - 3 days. These include games like100 meter race , sack race , cricket , volleyball etc.In India, many traditional games such as Kho-Kho and Kabaddi, March-past are played.

Aroma Annual Fest

Every year the college conducts cultural programs to make this happen.

Two open-air theatres are allotted for conducting different types of cultural programs. 50-100 students actively participate in these events. Activities conducted include dance (solo and group), ramp walk, singing, pot breaking and tradition day, etc.

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

(A.) Title of the practice: Faculty Interaction with Industry.

Objectives of the practice:

1. To enrich the Teaching-Learning process withsupport from the Industries
2. To initiate need based collaborative program.
3. To have association with wide spectrum of industry
4. To establish long term association with industries in an organized manner.

The Context: Industry – Institute interaction is an indispensable

requirement to enrich the Teaching- Learning Process. Institute has initiated One Faculty One Industry Drive so that each faculty could get opportunity to interact with their domain of interest which would consequently broaden the spectrum for industrial exposure to students since industries being the major stake holder for technical institution.

The Practice:

An industry is Identified by each faculty of the institute as per their field of interest and various activities will get initiated which will provide industrial exposure to the students and faculty as well. An administrative committee is constituted by the Institute which coordinates this practice.

Problems encountered and resources required:

For implementing this practice, Institute offers support by providing funding, travelling allowances etc. to be in association with the industries and for organizing various activities. Involvement of individual faculty would strengthen the interaction in an organized manner with wide spectrum of industries.

Evidences of success:

1. Formation of collaboration between SSME,ISRO Ahmadabad and the Institution.
2. The MOU signed have been significantly improved to 5 in number.
3. Significant improvement in interaction with industry through industrial visits and expert talk by industry experts.
4. Improvement in Industry sponsored Live Project at UG/PG level.

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

Institutional Distinctiveness

Through rigorous planning and management, the institution focuses at delivering to the best of it's abilities the vision of the college. It has been a matter of utmost importance to provide the best education possible to students who deserve it. Through several institutional practices, AITS tries to make this journey as easy as possible for everyone.

One of the most important steps taken at the institution was the establishment of the Entrepreneurship Cell (E-Cell) in the campus. With a distinctive vision of providing a path for young minds to follow and Develop their skills, the Entrepreneurship Cell (e-cell) is one it's it kind.

The following objectives were set for e-cell:

Create awareness on Entrepreneurship among the students through training programs and campus events

1. To create data base and networking to help entrepreneurs
2. To assist entrepreneurs in product development
3. To identify and motivate budding entrepreneurs
4. To facilitate budding entrepreneurs by providing information on entrepreneurial opportunities
5. The following functions are carried out by the e-cell :
6. To organize Entrepreneurship Awareness Camps.
7. To arrange visits to industries.
8. To organize guest lectures, TV & Radio talks, Seminars etc.
9. E-Cell organised different types of activity in AITS
10. Entrepreneurship awareness camps
11. Entrepreneurship development programs
12. Technology based entrepreneurship development programs (TEP)
13. National Level Entrepreneurship Competitions

The college aims at creating a breeding ground for the students to grow and achieve success.

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

Aravali Institute of Technical Studies, Udaipur affiliated to Rajasthan Technical University, Kota, and approved by AICTE. It conducts five UG and five PG programs in engineering. The institute follows the curriculum activity given by the university. The RTU provides the academic calendar. As per the academic calendar of RTU, the college prepares the academic calendar for students and faculty. The academic calendar provides the date of commencement of the academic session, duration of the semester, period of mid-term test, final semester examinationsand holiday etc. The department allocates subjects to teachers and prepares time table as per the university academic calendar. The lecture plan is prepared bydepartments under the guidance of the concerned faculty.

Course Delivery Methods are:

Lectures: Lectures are used to convey critical information, background, theories, etc.

Class presentations: Presentations are given to illustrate innovative ideas and concepts.

Tutorials: The tutorials help the students for a better understanding of the subjects and solve their doubts.

Lab experimental work: Laboratory work demonstrates how theory can be verified by experiments. Director conducts a common meeting with allstaff before the commencement of each semester. Students are made aware of the commencement of the semester through common notice and SMS through the ERP system and telephonic call by a concerned mentor.

The Director and Head of the department do a periodical review of the portions covered by the staff members and also the student's attendance.Guest lectures, seminars, Industrial visits, and training programs to supplement the curricular inputs.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://drive.google.com/drive/folders/1C g-xhU- C2VQY1pJMgzZh8cggQXurlQt-?usp=sharing

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

To make it practically a committee consisting of the Director and Controller of Examinations prepare the academic calendar in lieu with HODs well in advance before the commencement of the semester. The calendar outlines the semester classwork schedule, internal examination schedule, and external examination schedule.

The academic calendar is prepared by Director, Dean (Academics) in consultation with HoD(s).

At the beginning of the academic session, the students are apprised of academic calendar and same is uploaded on college website and displayed on notice boards and at strategic locations.

Only head of the institution can incorporate minor changes in the academic calendar which he may deem fit considering the unforeseen circumstances.

The Schedule of All Examinations is given in the academic calendar. Assignments are submitted by students as per the Schedule.

Mid Term-I, Mid Term-II, and sessional exams are mentioned in the academic calendar. Display of marks is also as per the schedule.

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

11

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

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

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

07

File Description	Documents
Any additional information	View File
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

368

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

The current curriculum of the university has many more courses which address Environment and Sustainability development, Human Values, and Professional Ethics related issues across the various programs offered (e.g. humanities and social sciences, environmental engineering, air pollution and control, disaster managementetc.)

The Institute organizes activities related to Environment and Sustainability like Swachha Bharat Abhiyan,Unnat Bharat Abhiyan,Plantation,Disaster Management Training. Blood Donation Camps are organized under human value activities.Professional ethics are amongst students by encouraging them to participate in professional activities like seminars, conferences, workshops, tech fests. Institute organized four clubs as Technical clubs, Literature club, Art of Living, Cultural Club, and adventure club for students. "Robotics Lab" has been established to enhance technical and social awareness among students. The Institute has an active Entrepreneurship Development Cellwhich nurtures the spirit of entrepreneurship. Environmental Science and Engineering

- To the study of nature and the facts about the environment.
- To find and implement scientific, technological,and political solutions to environmental problems.
- To appreciate the importance of the environment by assessing its impact on the human world;
- Tounderstand the features of the earth's interior and surface.

Professional Ethics and Human Values

To enable students to create an awareness on Engineering Ethics and Human Values, to instill Moral and Social Values andto appreciate the rights of others.

Professional Ethics :

- To understand the concepts of computer ethics.
- To understand the intricacies of accessibility issues.
- To ensure safe exits when designing the software projects.

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

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

17

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

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

477

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

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	**A. All of the above**

File Description	Documents
URL for stakeholder feedback report	[NIL](#)
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	[View File](#)

1.4.2 - Feedback process of the Institution may be classified as follows	B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	[View File](#)
URL for feedback report	[NIL](#)

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

257

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

0

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

2.2 - Catering to Student Diversity

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

The Institute organizes orientation program for the newcomer students at the commencement of new batch every year. This program helps students and parents to get familiarized with the institution, curricular and co-curricular activities,

facilities, rules and regulations etc. Every year students are given personality development programs that involve communication skills, personality development, time management and motivational sessions which helps to develop a positive attitude towards life and reduces stress.Diploma to Degree students are given special classes to gain the knowledge about basics of Mechanical, Electrical & Plumbing. Workshops are organized on regular basis to motivate both the slow learners and advanced learners to enhance their skills. Guest Lectures and seminars are arranged for the students as to gainknowledge and to get them involved in the class. Itallows them to learn in a more engaging and topic specific manner.

Activitiesfor Advanced learners:

- Clubs for the annual events.
- NPTEL/Advanced courses
- Seminars/Conferences
- Industrial Visits
- Model Making
- Motivation and guidance for higher studies
- Paper publication
- Product Developmet

Activities for Slow learners :

- Remedial classes/ Extra lectures
- Periodic interaction with parents
- Course Notes
- Seminars/Project Presentation
- Tutorials
- Appropriate counseling with additional teaching
- Motivational Videos

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

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

Number of Students	Number of Teachers
576	85

File Description	Documents
Any additional information	[View File](#)

2.3 - Teaching- Learning Process

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

The following are a variety of student-centered teaching and learning strategies.

Methods of Course Delivery:

- **Presentationsand video presentations Extra classes and tutorials**
- **Different online methods such as Google Classroom, Google Meetetc. were used during Covid-19 crisis/lockdown.**
- **Written Assignments for Lab Experiments**
- **Identifying online resources for self-learning through e-learning NPTEL Case Studies/Technical Reports/Magazine NPTEL Case Studies/Technical Reports/Magazine**
- **Virtual lab with Red-Hat Webinars**

The following are cutting-edge teaching and learning strategies:

- **Students are encouraged to look for and use resources outside of the classroom to investigate open questions/problems, improve critical thinking skills.**
- **Faculty use brainstorming, quizzes, debates, GD, model construction, mini-projects, presentations, and simulations on technical content to engage students in the learning process more directly.**
- **Participants in projects/competitions are allocated various tasks, assignments, portfolios, and activities in which they participate in difficult, demanding challenges and collaborate to solve them using inter-disciplinary expertise.**
- **Experimential learning in the field, such as internships and service learning.**
- **Invited speeches by industry and academic experts on topics that go beyond the syllabus and current trends.**

For the career development of students, MOUs are formed with top industries.

- Organizing field visits and industrial visits for special surveys.
- On campus, students can use Wi-Fi to access technical materials such as NPTEL Lectures, video clips etc.

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

Teaching-Learning is a phenomena in which both the teacher and the student learn in an environmentally friendly setting. Traditional teaching methods have been replaced by more inventive and creative methods of communicating, sharing, and assisting students' knowledge acquisition.

Faculty participate in a variety of faculty development programmes to gain domain expertise and learn about current trends in education technology and pedagogy, which helps them to be more inventive in their teaching. Faculty speeches in departments help teachers learn from one another. Faculty and institutes utilise the following tools and strategies to make teaching more innovative:

- ICT-assisted teaching and learning (Model, etc).
- Faculty exposure to Industrial Faculty development Industry-academic collaboration.
- Platforms for social learning on the internet (WhatsApp, blogs, etc) Social-technical programme.
- Interaction between academics and the student's company guide during the entire semester internship Projects that have been funded.
- Methods of proactive instruction (group discussions, role play, games in class like mime, treasure hunt, mimicry, etc.)
- Faculty industrial visits
- Seminars and Conferences
- Audio and video editing software Presentation with animation

- **Role Playing Games and Puzzles**
- **Motivational Talks by the Entrepreneur Cell (Forum for Science and Technology)**
- **Expert talks as part of the Faculty Development Program**

All of the following innovations and creativity in the teaching-learning process help students and faculty enhance not only their academic performance but also their communication, human relations, technical, and management abilities, preparing them for the workforce.

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

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

2.3.3.1 - Number of mentors

62

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

2.4 - Teacher Profile and Quality

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

85

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

11

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

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

2.4.3.1 - Total experience of full-time teachers

345

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

2.5 - Evaluation Process and Reforms

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

The institute establishes the rules and regulations for the evaluation process, which are presented to students through syllabus copies provided at the start of the first year of their academic programme.

Internal evaluation schedules are presented to students and faculty at the start of each semester according to the institute academic calendar.

The internal assessment evaluation procedure is explained to students by the involved professors as well as during the first-year student orientation programme. Internal assessment syllabuses will be presented to students in advance. The Hod approves the question papers, which are created depending on the course outcomes. Following the completion of the assessment, the concerned faculty prepares a scheme and solution.

During Covid-19 crisis, internal exams were conducted through online mediums (Google Classroom).

The following criteria are used to evaluate theory subjects:

- Three internal tests
- University External Exam
- Assignments
- Seminars

Practical subjects are assessed through:

- Two internal practical tests
- University external lab exam
- Projects

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

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

The first-year students are informed about the evaluation procedure as well as university laws and regulations on Orientation Day. For end-of-semester exams, the university

allows for an 80 percent grade and a 20% internal grade.

The class mentor keeps a close eye on the students' attendance and performance in internal evaluation tests and external semester examinations.

An examination committee is formed at the college level, consisting of a senior teacher as convener and other teaching and non-teaching personnel as members, to handle concerns relating to the evaluation process. Each semester, three internal evaluation tests are given, with a timetable established well in advance and disclosed to the students.

When conducting internals and semester-end examinations, the college strictly adheres to the guidelinesand rules established by the affiliating university. Even for internal assessment tests, the seating plan and table marking are followed, and they are displayed on the notice board alongside the internal assessment timetable. Students and faculty members are made aware of the importance of maintaining transparency in the assessment process. Faculty review the question papers to determine the percentage of difficulty in the question paper, and feedback is given to the Department Head.

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.

AravaliInstitute of Technical Studieshas formulated well defined Vision and Mission statements and in correlation with this, each department formulated its own vision and mission statements that have been approved by the academic council. The department formulates the Programme Educational Objectives (PEOs), Program Specific Outcomes (PSOs) for each programme Outcomes (POs) and Course Outcomes (COs) for all the courses in the curriculum. In the Department meeting, they are analyzed and implemented. The approved Statements are published in the Institute Website and Communicated to Various Stakeholders.

Teachers are aware of Programme outcomes and course outcomes by attending different programs arranged by the institution. Faculties are oriented by many workshops and seminars on Outcome Based Education (OBE). Faculty members have attended many programs related to Outcome-based Education.

Students are aware of disseminating the course outcomes and programme outcomes in various places. Faculty members are getting the course outcome survey every semester. The Question papers are prepared based on Knowledge which includes Course outcome.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://www.aravalieducation.org/civil-dep-b-tech-m-tech/
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.

- Attainment of the COs can be measured directly and indirectly.
- Direct attainment basically displays the student's knowledge and skills from their performance. It can be determined from the students' performance in all the relevant assessment instruments – like internal assessments, assignments, quizzes, and final university examinations.
- Indirect methods such as surveys and interviews ask the stakeholders to reflect on students' learning. They assess opinions or thoughts about the graduate's knowledge or skills.

CO Assessment Processes

Assessment tools are categorized into two methods to assess the course outcomes:

S.No. Direct Assessment Indirect Assessment 1 Internal Assessment Test (IA) Theory Examination Marks 2 Lab Assessment

Practical Examination Marks 3 Seminar Project Viva Voce 4
Project -

COCAT-Course Outcome Attainment Test

Target levels of attainment of Course Outcomes (COs) are set;
Course is delivered; actual attainment of COs is determined
using internal assessment test 1, 2, 3 and RTU exams.

The performance of students in different assessments (IA, RTU
exams) is evaluated for the attainment of POs.

Some of the Direct CO assessment tools used to measure the
attainment levels are :

Test – I,

Test – II, Assignments, Quiz, end semester exams,

performance during experiments etc.

A course Exit survey is also conducted at the end of the
semester. The different weights are assigned to each of the
above tools.

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

141

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	**No File Uploaded**
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://drive.google.com/drive/folders/1-fM49jtuoZ5puY5oXv-QOB9sMSqKipi1?usp=sharing

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)

0

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

0

File Description	Documents
Any additional information	**No File Uploaded**
Institutional data in prescribed format	<u>View File</u>

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

0

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

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 is established on an environmentally friendly campus, and our administration encourages employees and students to participate in research projects and publications. The institute consistently provides students with motivation, support, and a platform to demonstrate their abilities and knowledge in a variety of competitive technical events and cultural activities.

Aside from the incubator, the institute makes further efforts to transmit advanced knowledge through technical activities such as SAE-India, Robotics workshop, 3D-design, and MEP activity. The institute provides financial, academic, and infrastructural support, as well as any other resources needed and made available from time to time.

The institute's students compete in a variety of technical

competitions at the national level. Special amenities, such as the internet and a library, as well as the necessary infrastructure, such as space, equipment, and support services, have been made available 24 hours a day, seven days a week for the competition's preparation. The institute has worked with various organizations, institutions, and research bodies (CADD Center, Red Hat) to share research facilities that help students prepare for their exams.Academic concessions are also offered to students in the form of leaves for attending events, conferencesand workshops. Professional counseling is also given in the institute to help studentsenhance their morale. Incubates are housed on campus. We give them with a guest room in which they can stay with their family (i.e. two persons).

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

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

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

07

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

11

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

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

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

21

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

43

File Description	Documents
Any additional information	No File Uploaded
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

The institute has a helpful vision and mission, institute is very insightful to the impact of various more activities on its

students, employees, as well as on the environment. We aim to pursue our goals as one, keeping in agreement with the planet and society. The institute facilitates the student in various social and technical activities. Most of the social activities were carried on online mode due to Covid-19 crisis. Technical activity improves their qualities such as time management, project management, costing, marketing skills, event management, communication skill, etc. Similarly social activities enhance and create social awareness and responsibilities in the students. During Covid-19 crisis, our institute distributed variousCovid essential medical devices such as masks, gloves, sanitizers, etc in the rural areas nearby.

Entrepreneur Development Cell (EDC) initiated various activities for the career development of students at different mediums like self-employment, startup initiatives, and collaboration with research institutions. On the basis of qualitative and quantitative outcome-based, ideas are shortlisted and suggested for incubation and development. EDC encourages establishing different clubs constituted by the students thereby favoring the students by providing guidance on healthy innovation interactive sessions. Further, these discussions are converted into innovative projects and other development activities in the research context. EDC organized a three-day Entrepreneurship Awareness Camp.

Institutional Inauguration Council (IIC) was established this yearin our Institute.

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

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

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

0

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

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

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

1

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

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

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

72

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

3.5 - Collaboration

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

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

0

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

03

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	[View File](#)
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 infrastructure of this institute has adequate facilities to meet the norms laid by the AICTE, RTU, Kota.This institution has obligatory infrastructure required for effective teaching-

learning process, co-curricular and extra-curricular activities.

The building is built with the Green Building concept. Natural lighting and ample air are provided to the students toenriching their learning experience.

The Classrooms are spacious, well built and heavily facilitated. Sixteen of the lecture rooms are equipped with technology like projectors, wireless microphones, sound systems, marker boards.

The Library is equipped with the mandatory books, journals, web based resources, audio/video materialsas well as extra reference material with online resources. Enterprise resource planning (ERP) is deployed for effective academic planning and monitoring.

Students are also encouraged to watch NPTEL videos which is a project of MHRD initiated by seven IITs for enhancing the learning. Wi-Fi and LAN facilities are provided and internet for the students for instant accessibility of knowledge is issued withmonitoredaccess.

The laboratory is equipped with resources for necessary procedures designed to dispense the practical knowledge of studentsandall safety measures are taken. Lab assistants are present during all sessions.The labs are maintained in clean and hygienic manner.

Each department is equipped with sufficient number of computers. All departmental labs are installed with the prescribed software.

Several other facilities such as the seminar hall, conference hall, libraries and more are made available to the students to encourage them to participate in all events.

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

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor,

outdoor), gymnasium, yoga centre etc.

The Aroma Education Society has always encouraged and supported the co-curricular and extracurricular activities in this institute. This institute have also carried forward the legacy of society by promoting the co- curricular and extracurricular activities at their level.

Students are trained in sports under the guidance of qualified and specialized coaches. Every week, one hour is allotted for the sports in the timetable.

Outdoor Games: Cricket, Football, Kho-kho, Volleyball and Kabbadi. Indoor Games: Table tennis, Chess, Carrom, Badminton and Gymnasium. Cultural Activities: Open Air Theatre, seminar hall with practice area.

Regular training is provided to those students who show extraordinary skills in different sports. These students are selected through selection trials. They are trained and encouraged to participate in various level of competition.

The students who show excellent performance at University, State and National level competition are encouraged by college by giving them track suits and sports kits. The student achievement is also acknowledged by felicitating them at Society and Institute level functions. Yoga classes are conducted for the faculty and students by expert yoga trainers.

CULTURAL ACTIVITIES

The college believes in all-round development of its students. It constantly encourages them to take part in extra-curricular activities to spark their interests and cultivate leadership qualities as well as team spirit. Every year the college conducts cultural programs to make this happen.

Two open air theatres are allotted for conducting different types of cultural programs. Activities conducted include dance (solo and group), ramp walk, singing, pot breaking and tradition day etc.

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.

27

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	*https://drive.google.com/drive/folders/10 xodssCIgc- fpEI1Ee1QZiRMibFHpbvT?usp=sharing*
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)

97.41

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	*View File*

4.2 - Library as a Learning Resource

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

Integrated Library Management System is used to manage different functions of library. Institute Central Library is using commercial software as well as Open Source software for Automation of Library Services.

College Management ERP Solutions are a mandatory requirement for a proper and systematic working of the organization. Web based College Software solutions which can run on Cloud Model i.e. internet; are easy to implement and use. "IFW Campus ERP 2.0" is an integrated cloud-based platform for Colleges which comes with modules like;

1. College Front Office Management
2. Student Fee Management
3. Hostel Management
4. College Mess Management
5. College Transport Management
6. Student Attendance Management
7. Employee Attendance Management
8. College Time Table Management
9. College Library Management
10. College Syllabus & Lesson Plan Management
11. College Assignments Management
12. College Notes Management
13. E-Library Management
14. College Events Management
15. Mentorship Management
16. Payroll Management

17. Accounts Management

18. College and Online Exam Management

19. Feedback on Faculty Management

20. College Alumni Management

21. College TPO Training and Placement Office Management

Name of ILMS Software

ERP 2.0

Nature of Automation

Fully Automated

Version

2.0

Year of Automation

2013

This software has modules like Acquisition, Cataloguing, Circulation, Serial Control. Acquisition modules &Cataloguing Module is utilized for generating accession register reports, adding Bulk student's record, updating item lending policy and its status. Circulation module has books issue, return, and reserve options. Various reports such as loan borrower, item inventory status, circulation status summery, item transactions and operator wise transactions can be generated in this module. Similarly, library barcodes aregenerated through this module making cumbersome library work simpler, effective etc.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	https://drive.google.com/drive/folders/1aWqULS9tbnJDOpIgegJKrLDfcR9QDRun?usp=sharing

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	**C. Any 2 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)	[View File](#)

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e-

journals during the year (INR in Lakhs)

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

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

25

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

College aims at providing the futuristic facilities to its students so that they can utilize these resources to reach greater heights. In this electronic communication era, the internet communication is very important in teaching learning process. To fulfill the norms of AICTE and University, the institute has strong IT infrastructure. To enable this, the institution frequently updates its IT facilities to provide its students withthe best of facilities.

The institute has massive network of 402 computers with 56 Mbps Internet connectivity and Wi-Fi facility to fulfill the academic and research need. Centralized firewall Cyber roam is used for network monitoring, management and Internet security. The institute has deployed the educational Enterprise Resource Planning (ERP) software also which manages the entire

administration, campus operations, and academic management in an efficient way.

Faculty members have provided with the computer and Internet connection at their respective locations. All the Computer laboratories and facilities are connected with the Internet and are made available to the faculties and students for their academic needs in their respective departments. Central computing facility with Intel core i3 computers with 56 Mbps speed Internet connectivity is available for research & development . For uninterrupted computing, UPS is available in all computer laboratories.

LAN facility: 3-Layer Switching (Core, Distributed and Access) network is available for the entire campus. Core layer switches in the buildings have been connected with the Optical Fiber Ring Network. This core switching is further extended to Distributed Switching for departments.

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

4.3.2 - Number of Computers

402

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	A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
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)

97.41

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)	View File

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

There are college level committees that look after the various aspects of the utilization and maintenance of the physical, academic and support facilities. The role and responsibilities of committees are given below:

1. Repair and Maintenance of laboratory equipments/instruments are initiated by the respective laboratory In-charge.
2. The institute garden is maintained by the gardener appointed by the society.
3. The purchase committee handles the repair/maintenance/calibration request appropriately by placing order to the respective equipment experts. As a precautionary measure laboratory in charge, along with laboratory assistant, ensures proper working of all equipment at the beginning of each semester.
4. The classrooms, laboratories, seminar halls, and library facilities are utilized regularly by the students for the learning process.
5. The maintenance of water coolers, EPABX system, and Air conditioners in the institute is carried by external agencies through annual maintenance contract.
6. The maintenance and housekeeping of the classrooms,

laboratories, library, and the institute as a whole are taken care by external agency and non-teaching staff. Security of the institute is assigned to external agency.
7. There are computer/software laboratories for each departmentwith proper networking for internet access.
8. All the computer related facilities are maintained by giving annual maintenance contract to third party.
9. The institute has large open grounds for cricket, football, volleyball and basketball and a gymnasium utilized by the students.
10. Minor maintenance of furniture items,electrical maintenance and metal fixtures is carried out by the workshop department.
11. The sports facility of the institute is handled by a physical director.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	[NIL](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

152

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

288

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	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

779

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

779

File Description	Documents
Any additional information	View File
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	View File
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

122

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

05

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
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

0

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

5.3 - Student Participation and Activities
5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year
5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.
0

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

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

This institute formed different Clubs for involvement of the students in academic, co-curricular & extracurricular activities. These clubs helps the students in learn planning, organization, analysis, estimation and execution. These clubs get involved outside of the classroom to reinforce the learning that happens inside the classroom.From the different discipline, we have Chairman, President, Vice President selected by the respective department for the smooth conduction.

These clubs are governed by a committee of faculty members headed by Director of the college. There are

5 clubs viz. Adventure Club, Technical Club, Art of Living Club, Literary Club, Entrepreneurship Development Cell (EDC), Abhiyanta Seva Club and Cultural Club and each club organize various Cultural function, Sports, Technical events.

Following is the narrative of functions and events conducted by

various Committees:

1. Anti-Ragging: This committee ensures free ragging incidents in the Institute and also spreads awareness among students.

1. Cultural: This committee co-ordinates various cultural activities and events throughout the year. "AROMA" is annual social gathering which showcases cultural talent of students. Our students participate in competitions likeHackathon and Techfests every year and bag prizes.
2. Sport: This Adventure Club organizes Intra College Cricket,Volleyball,and various other tournaments. It also organizes intercollege sports events.
3. Technical Activities: Every Department is having active Student's committee associated with the Technical Club of the institute. This Club conducts various programs such as Expert lectures, Industrial visits to name a few. Institute organizes technical competitions every year consisting of various technical competitions.

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

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

02

File Description	Documents
Report of the event	View File
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

This institution is extremely proud of every member of its alumni. Most of them are successful in their careers in jobs, higher education, and the field of entrepreneurship. We successfully draw on their support through Annual Alumni meets. The Institute established the Alumni association in the academic year 2014-15. The main objectives of the association are:

- To guide studentson various professional avenues available and support them through expert advice,seminars,visit, etc.
- To help and assist other regional bodies for training programs in entrepreneurship development.
- To mentor the students of the Institute for higher education, development of character.
- To encourage the Alumni to take an abiding interest in the process and development of the Institute.
- Promote the Industry-Institute interaction to bridge the gap between industry requirements and education.
- To promote and foster mutually beneficial interaction between Alumni and the Institute.
- To encourage the formation of regional chapters to increase participation of Alumni.
- To arrange and support placement activities for the students.
- To encourage the students of the Institute and members of the Association for research & development.
- To encourage and guide the students of the Institute on

self-employment to become entrepreneurs.
- To help and guide students and ex-students of the Institute for anti-drug, anti-ragging, etc.

Sighting the above objectives of Alumni Association our alumni contributes in many ways for the development and betterment of our Institute. Our students and Institute are benefited in various fields such as student placement, training, expert lectures, career guidance sessions, Industrial visits and mentoring.

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) | E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

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

Tomorrow will take care itself, if one does an excellent job today. To nurture and develop talent blended with values and technology to strengthen the technical manpower of the nation.

MISSION

1. Impart quality education along with industrial exposure
2. To provide an industry interface for faculty and students to work on projects with end goal of real time knowledge.
3. Enhancing the quality of life through sustainable development
4. To continuous development of infrastructure and enhance state-of-the-art equipment to provide our students a

technology up-to-date and intellectually inspiring environment of learning, research, creativity, innovation and professional activity and provide ethical and moral values.

Vision and Mission of the Institute focuses on the needs of society by providing quality education. The Institute believes in promoting a culture of delegation of powers through strategic policies. The Principal of Institute is assisted by HODs, Administrative Head, Section in-charges and coordinators of various cells/committees in decision making process of the Institute. Faculty and staff are assigned with the roles and responsibility to work in a harmonious environment with complete transparency. IQAC has a well developed process to ensure quality benchmarks of academic and administrative activities.

Based on the Vision and Mission of the Institution, Quality Policies are framed and driven by the needs of the corporate world, society and stakeholders. Institute has a perspective plan developed by the Principal andHOD's with suggestions of IQAC. Deployment of the quality policy is done by providing requisite academic infrastructure, a learning environment, and harmonious work culture.

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

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

The Institution has culture of decentralized governance system with well-defined inter-relationships. There are various committees involving faculty which are constituted to manage different institutional activities. Committees are formed for the various curricular, co-curricular and extra-curricular activities to be conducted during the academic year. The departments are encouraged to arrange various activities with the support of Management for the benefit of Students and Faculty; also the management has extended enough financial

powers to Head of the Institute and Department Heads.

College is keen on the teachers' involvement and participation for improvement of effectiveness and efficiency of the institutional teaching learning process. The Institute has always been in favor of participative management. The decision suggested by teachers in the meetings in the forum of HOD, and department meetings are conveyed to the management through Director. The management ensures that the opinions and suggestions made by faculty and staff are included in decisions implemented for college development.

A case in point: Annual budget: Proposal, Approval and Allocation.

They arrive on a conclusive summary after discussing the essential requirements to fulfill the needs of the department including the budget required for student development activities.

Along with this, lab-in charges are also asked to come up with a proposal of their requirements including purchase of new equipment, repairs and maintenances, service, training and up gradation.

All proposals from various persons in charge, faculty and students are discussed in department meetings, reviewed and forwarded to the reporting authority for further processing.

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

ERP Process

In our institute all major tasks related to teaching learning, academic/administration planning, implementation and analysis of variety of tasks are being carried out by ERP. Enterprise resource planning (ERP) is business process management software. It has allowed our organization to use the system of

integrated applications to manage our academic activies online.

Institute started using ERP in its day to day academic and administrative activities from the year 2013-14. The chronological transformation of academic activities is achieved through strategic planning from offline to online which can be briefed as follows:

Offline to Online Transformation

Before the implementation of ERP system, the method of filling and maintaining the hard copy of Academic Performance Report (APR)/Teacher's Diary was in use in the institute since the early years. It contained all the basic activities in single booklet covering academic calendar, time table, syllabus, teaching plan, attendance along with academic monitoring for theory and laboratory performance of the students. It also contained the records for Project/Seminar progression, industrial visits, result analysis and faculty appraisal.

Major functions currently carried by ERP software are:

1. Teaching plans
2. Time tables (Academic/Class and Personal)
3. Attendance monitoring
4. Examination schedule
5. Class assignments record
6. Syllabus coverage monitoring
7. SMS to the parents and students

8. Faculty feedback by students

9. Fee Module

10. Faculty Profile

11. Students database

12. I-card generation

13. Roll call list generation

14. Subject allotment and accessibility authority (Faculty, GFM, Head)

15. **Variety of reports pertaining to academic monitoring can be printed**

    Additional modules can be added, if needed.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File]()
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.

Aravali Institute of Technical Studies has well established organizational structure to execute out smooth functioning of administrative and academic processes. Various bodies are formulated which constitutes the organization chart. The governing body is the highest decision making body constituting members of the management, Principal and nominated faculty members. Board members are under Chairman. Principal is the academic and administrative head of the institution. Administrative set up of the institution is as per the organization chart of the organization. Dean academics reports to Director. Heads of the department report to Dean Academics. Staff report to respective coordinators. Coordinators are under Heads of the department. There are directors, deans and leads under chairman for development activities.

Decisions like introduction of new course, closure of existing courses, construction of new blocks, enhancement of physical facilities and other initiatives for improvement of the institution are taken in the form of society resolutions in the governing body. Governing body is the ultimate authority for any decision in the institution.

Service rules have been formulated as per the guidelines of competent authorities like affiliating university and approval body (AICTE, RTU, BTER) and institutional values.

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

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	**A. All of the above**

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

6.3 - Faculty Empowerment Strategies

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

The institutionappreciates the efforts of its staff. The institute recognizes their hard work and acknowledges their needs and requirements.As a result the institution has a very strong welfare policy for its teaching and non-teaching staff.

Increments are given to the top performers on the basis of the appraisal system of the college. The performance of each member of the faculty andnon-teaching staff, is evaluated by the institution. Performance appraisal starts with tracking of individual accomplishments in terms of self-rating for all parameters like attendance,results,paper presentations,publications,conferences,workshops,seminars attended,certifications, and awards received. Further ratings are given by the HOD's followed by the Principal of our college.

TSL (Training and Study Leave) is approved for the faculty who go for doctoral programs or Career Advance Scheme. The institution encourages the faculty who are pursuing Ph.D., to avail themselves one-month extra summer vacation and a week break during examinations.

Provident fund is paid by the institution as per the statutory rules. Partial Medical Insurance extended by the institution. A Grievance Redressal Cell is formed and all faculty concerns are addressed.Summer vacation of 2 weeks is given to the entire faculty who have completed a minimum of six months service in the institution. Flexible work hours are permitted to the faculty with personal difficulties. Faculty can apply for flexible work hours, in the beginning of the academic year, once the need of flexibility and justification of compensating the gaps caused by the absence is determined.

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

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

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

0

File Description	Documents
Upload any additional information	No File Uploaded
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

3

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

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

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

81

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

Performance Appraisal System for Faculty:

Employees are the most fundamental parts of any organization. The institution respects and acknowledges the contribution of all its members. It also rewards them duly. PAR system inspires Faculty which boosts professional knowledge and growth. Therefore it is made mandatory for every Faculty and Staff to submit the performance appraisal every semester. The performance appraisal system evaluates on following parameters:

1. Teaching, learning and evaluation related performance (number of theory, practical and tutorial hours conducted against the load given)
2. Co-curricular, extension and professional development related activities (Extension/co-curricular, Professional Development related Activities and Contribution to Management of Institution
3. Research, publications and academic contributions
4. Official conduct (target based works, punctuality and obedience)

Other relevant information (consists of significant contribution, awards received and additional activities not included in the above points)

Performance Appraisal System for Staff:

Performance Appraisal System for Staff is monitored on the parameters observed viz. Performance factors include industry and applications, capacity to get the work done by subordinates, and relations with colleagues. The integrity and their character are also reviewed. The length of service under reviewing authority is noted. The system is transparent and the appraisal with comments of the HODis then analyzed by the Director. After the evaluation, every concerned staff is either appreciated or directed for further improvements. The appraisal system is also for the attendants; the parameters for the assessment are physical ability, technical ability, obedience, and punctuality.

Based onreviews, the report is submitted to the Management.

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

6.4 - Financial Management and Resource Mobilization

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

There are well defined processes for sanction of budget to expenditure. Our society has maintained a very transparent financial system in the institutions.

An internal approval system for all expenses is in place. Accordingly bill/voucher is recommended by the Head of the Department and approved by the Principal and Honorary Secretary of Aroma Education society. All the bills/vouchers are audited by an Internal Auditor on a routine basis. Proper record of all the expenses is maintained by the accounts department. During the course of Internal Audit, all required steps are taken to regularize the accounts and to obtain confirmations for the credit balances, to collect documentary evidences wherever inadequate in respect of payments, compliances of T.D.S. and Statutory Formalities and Reconciliation of Unit wise balances with the Control Accounts and Bank Reconciliations. The copy of the internal audit report covering all matters related to maintenance of accounts is preserved.

No major objections are found in the audit by the statutory auditors and minor audit suggestions are compiled as per procedure.

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)	View File

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

There are well defined processes for sanction of budget to expenditure. Our society has maintained a very transparent financial system in the institutions.

An internal approval system for all expenses is in place. Accordingly, the bill/voucher is recommended by the Head of the Department and approved by the Principal and Honorary Secretary of Aroma Education society. All the bills/vouchers are audited by an Internal Auditor on a routine basis. A proper record of all the expenses is maintained by the accounts department. During the course of Internal Audit, all required steps are taken to regularize the accounts and to obtain confirmations for the credit balances, to collect documentary evidence wherever inadequate in respect of payments, compliances of T.D.S. and Statutory Formalities and Reconciliation of Unit wise balances with the Control Accounts and Bank Reconciliations. A copy of the internal audit report covering all matters related to the maintenance of accounts is preserved.

Institute has made the necessary provision in the books of account towards efficient use of available fund for each academic year.

- **Every year, the budget is prepared well in advance after taking into consideration the requirement of every Department.**
- **The budget is reviewed by the management and approved after necessary changes.**
- **The Society has constituted a separate purchase Committee comprising of Management representative, Principal & college concerned staff.**
- **Financial audits are conducted by a chartered accountant**

every financial year to verify the compliance with established processes.

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

6.5 - Internal Quality Assurance System

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

It is responsible for directing, developing, providing, and implementing guidelines to review curricular, instructional, teaching and learning materials. Latest teaching aids, techniques, activities, assessment tools and methodologies are used to enhance overall functioning to achieve goals of the Institute.

Two examples of institutional reviews and implementation of teaching learning reforms are outlined below:

1. Academic Monitoring System

Institute has system of monitoring of academic activities periodically. Number of lectures conducted by faculty members is monitored monthly and at the end of semester. Number of defaulter students is fortnightly monitored and makeup lectures are conducted for defaulter students. This resulted in substantial reduction in the number of defaulter students which can be demonstrated from the graph attached. Review of University examination results, internal examinations and student's feedback for teaching are also taken regularly. Some sample sheets are attached.

Teacher's Diary:

Teacher's Diary of every course are used to bring objectivity and strategize the course of teaching and learning for every topic. The teachers go through the syllabus and ensure that all the registered students fulfill the pre-requisites of the course. They check if the students have a fair knowledge of the basics, so that they are able to understand the teaching. This is done by planning surveys and announcements.

2.Video Classes and NPTEL online courses

Other than smart class rooms lectures, videos are played for specific topics beyond the syllabus but related to the latest technology in the respective domains.

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

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

It is responsible for directing, developing, providing, and implementing guidelines to review curricular, instructional, teaching and learning materials. Latest teaching aids, techniques, activities, assessment tools and methodologies are used to enhance overall functioning to achieve goals of the Institute.

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

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

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

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Safety and Security : - Precautions have been taken during transport, in the campus, canteen, and library, sports area to monitor the movement of students and ensure safety of the students.

Following steps are taken to ensure safety of the students:

1. The institute campus has a strict Security checks at entrance for all persons with CCTV Cameras.
2. Institute has installed CCTV Cameras at different locations in theInstitute.
3. Students and staff wear Identity card at all times.
4. All corridors and laboratories are equipped with fire extinguishers.
5. Security guards are available for twenty four hours in campus. Nearby police station contact numbers and toll free help line numbers are displayed on notice boards at strategic locations including Girls common room.
6. Pick up and drop facility is available for girl students at the time of late night events such as Annual Function, Tech Fests, etc. held in the institute.

Counseling : - The major objective of the counselling center is to facilitate Academic, Emotional, Social and cognitive development of the students. The institute has established Students Counseling Cell for the overall development of the students through interaction.Students are allocated to specific mentor for entire semester.Professional gents and ladies counsellors are appointed at the institute level for addressing issues of staff and students.

Common Room : - Dedicated Common Room for female students with resting facilities have been created. Specific Sanitary Pad Disposal Box is installed in the girl's common room.

File Description	Documents
Annual gender sensitization action plan	NIL
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	B. Any 3 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

AITS practice the waste management including solid waste management, liquid waste management and E- waste management through proper dumping and recycling.

Solid waste management:

The institution takes various measures to ensure collection and proper dumping (outside of campus area) of solid waste like plastic, garbage, roots, leaves, etc. from the source of the generation which is harmful for environment.

The waste bins are placed separately at every corner of the corridor, wash rooms and common room. The dry waste bins are also placed in laboratories, library, classrooms, etc. The dry and wet waste is handedover to municipal waste collection agency for further treatment.

Liquid waste management:

Liquid Waste from campus is conveyed through the underground pipe lines to the Underground tank and further the pipeline is connected with man pipe line of waste management..

E-waste management:

Due to advancement in technology, various types of electronic gadgets are being manufactured and marketed.Since these products contain some kind of hazardous materials like lithium,

lead, zinc, etc. improper disposal of these products is harmful for living beings. Therefore, management of E-waste is an important issue. We follow following practices:

1. All Electronic waste CPU's, Hard disks, Laboratory Equipment scrap is sent to the market for sale.

2. Obsolete yet workable computers, printers and other equipment discarded by departments are donated to various foundation.

3. The cartridges of printers are refilled outside the college campus.

4. UPS Batteries are recharged and repaired by the suppliers.

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	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:
 	
    1. Restricted entry of automobiles
    2. Use of bicycles/ Battery-powered vehicles
	A. Any 4 or All of the above

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	View File

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

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	**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	**A. Any 4 or all of the above**

enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen   reading

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

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

Inclusive environment towards cultural, regional, linguistic, communal socioeconomic and other diversities

The Institute has many diversities in every aspect, it deals with many co-curricular activities related to faculty and students and also related with social and communal diversities. Many programs are organized on specific days such as republic day celebration, awareness programs and seminars and other activities related to socio economic such as "Swachh Bharat Abhiyan " and helmet awareness program etc.

Convocation of University and Run for Wild Life programs are also executed for maintaining different type of activities.

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

Sensitization of Students and employees of the Institution to the constitutional obligations: Values, rights, duties and responsibilities of citizen

Extension Activities:

The institution promotes college-neighborhood network community development by conducting regular Activities related to social responsibilities of the institute.

AITS Units comprising of more than all students are active in community development activities. The following activities are doing for community development.

- **Tree Plantation**
- **World Water Day Celebration International women's day celebration Rural Area Development**
- **Swachh Bharat International yoga day**
- **Women's empowerment and health awareness**
- **Created awareness about Energy saving and power factor correction Leadership Skills and Soft Skills Training**
- **National Voters Day Blood Donation camp**

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

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

File Description	Documents
Code of ethics policy document	[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

Institute celebrates/ Organizes national and international commemoratives days, events and festivals

Institution organizes various National Festivals and birth anniversaries of the great Indian personalities every year. Few of them are mentioned below:

Republic Day 26 January (Every year)

Independence Day and Republic Day are celebrated every year without compromise. Staff and students from Diploma, Engineering gathers at one campus along with the Office Bearers.

15th September- Engineer's Day

Birthday of Dr. Mokshagundam Visheshwaraih is celebrated as Engineers' Day. All the departments organize technical competitions on the occasion.

National Science Day

National Science Day is celebrated in the memory of Dr. C.V. Raman's invention of Raman Effect. Poster presentations and quiz competitions are conducted.

Diwali Celebrations

Our Institute celebrate the hindus main festival Diwali, the festival of lights , came alive at Aravali Institute of

Technical Studies on every year when the whole Campus wore a festival look with pots, diyas,rangoli and lanterns adorning the reception and corridors of the.

Sports Day

In India, sports days are held for 2 - 3 days. These include games like100 meter race , sack race , cricket , volleyball etc.In India, many traditional games such as Kho-Kho and Kabaddi, March-past are played.

Aroma Annual Fest

Every year the college conducts cultural programs to make this happen.

Two open-air theatres are allotted for conducting different types of cultural programs. 50-100 students actively participate in these events. Activities conducted include dance (solo and group), ramp walk, singing, pot breaking and tradition day, etc.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	[View File](#)
Geo tagged photographs of some of the events	No File Uploaded
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.

(A.) Title of the practice: Faculty Interaction with Industry.

Objectives of the practice:

1. To enrich the Teaching-Learning process withsupport from the Industries
2. To initiate need based collaborative program.
3. To have association with wide spectrum of industry
4. To establish long term association with industries in an

organized manner.

The Context: Industry – Institute interaction is an indispensable requirement to enrich the Teaching- Learning Process. Institute has initiated One Faculty One Industry Drive so that each faculty could get opportunity to interact with their domain of interest which would consequently broaden the spectrum for industrial exposure to students since industries being the major stake holder for technical institution.

The Practice:

An industry is Identified by each faculty of the institute as per their field of interest and various activities will get initiated which will provide industrial exposure to the students and faculty as well. An administrative committee is constituted by the Institute which coordinates this practice.

Problems encountered and resources required:

For implementing this practice, Institute offers support by providing funding, travelling allowances etc. to be in association with the industries and for organizing various activities. Involvement of individual faculty would strengthen the interaction in an organized manner with wide spectrum of industries.

Evidences of success:

1. Formation of collaboration between SSME,ISRO Ahmadabad and the Institution.
2. The MOU signed have been significantly improved to 5 in number.
3. Significant improvement in interaction with industry through industrial visits and expert talk by industry experts.
4. Improvement in Industry sponsored Live Project at UG/PG level.

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

Institutional Distinctiveness

Through rigorous planning and management, the institution focuses at delivering to the best of it's abilities the vision of the college. It has been a matter of utmost importance to provide the best education possible to students who deserve it. Through several institutional practices, AITS tries to make this journey as easy as possible for everyone.

One of the most important steps taken at the institution was the establishment of the Entrepreneurship Cell (E-Cell) in the campus. With a distinctive vision of providing a path for young minds to follow and Develop their skills, the Entrepreneurship Cell (e-cell) is one it's it kind.

The following objectives were set for e-cell:

Create awareness on Entrepreneurship among the students through training programs and campus events

1. To create data base and networking to help entrepreneurs
2. To assist entrepreneurs in product development
3. To identify and motivate budding entrepreneurs
4. To facilitate budding entrepreneurs by providing information on entrepreneurial opportunities
5. The following functions are carried out by the e-cell :
6. To organize Entrepreneurship Awareness Camps.
7. To arrange visits to industries.
8. To organize guest lectures, TV & Radio talks, Seminars etc.
9. E-Cell organised different types of activity in AITS
10. Entrepreneurship awareness camps
11. Entrepreneurship development programs
12. Technology based entrepreneurship development programs (TEP)
13. National Level Entrepreneurship Competitions

The college aims at creating a breeding ground for the students to grow and achieve success.

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

7.3.2 - Plan of action for the next academic year

- **To get more research grants from Government and Non-Government organizations**
- **Participation in Institution ranking.**
- **To get good star rating in Institute Innovation Council-MHRD initiative**
- **To strengthen Alumni Association and parents-teachers association**