YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY, MAKAVARAPALEM, VISAKHAPATNAM
• Name of the Head of the institution	Dr. C P V N J MOHAN RAO
• Designation	PRINCIPAL
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	08932222382
• Mobile no	9866664636
• Registered e-mail	principal_aiet@yahoo.com
• Alternate e-mail	cmrao1999@gmail.com
• Address	Makavarapalem
• City/Town	Narsipatnam
• State/UT	Andhra Pradesh
• Pin Code	531113
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Rural
• Financial Status	Self-financing
• Name of the Affiliating University	Jawaharlal Nehru Technological University
• Name of the IQAC Coordinator	Prof. RAYAVARAPU PRASADA RAO
• Phone No.	9949666990
• Alternate phone No.	8932222382
• Mobile	9866664636
• IQAC e-mail address	prasadrao.rayavarapu@yahoo.com
• Alternate Email address	cmrao1999@gmail.com
3.Website address (Web link of the AQAR (Previous Academic Year)	https://avanthienggcollege.ac.in/assets/pdf/Aqar_21-22.pdf

4.Whether Academic Calendar prepared during the year?	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	https://avanthienggcollege.ac.in/assets/pdf/AcademicCalender_2021-22.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.74	2017	19/07/2017	18/07/2022

6.Date of Establishment of IQAC	05/01/2016

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

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nil	Nil	Nil	Nil	Nil

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

9.No. of IQAC meetings held during the year	2
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	Yes

10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

AQAR 2020-21 Submission, Renewal of NAAC Accreditation, Training on On-Line Teaching tools to teachers.

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
AQAR Submission	Submitted
Renewal of NAAC Accreditation	In-Progress
Training on On-Line Teaching tools to teachers	Completed

13.Whether the AQAR was placed before statutory body?	Yes
• Name of the statutory body	

Name	Date of meeting(s)
CAC	28/09/2022

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2021	20/06/2022

15.Multidisciplinary / interdisciplinary

Engineering - Both UG and PG programs offered.

16.Academic bank of credits (ABC):

No. As HEI is affiliated PG Institution.

17.Skill development:

Yes. Certificate programs are offered.

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

Few Activities are carried out each year.

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

NBA Accredited for UG programs.

20.Distance education/online education:

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	548

File Description	Documents
Data Template	No File Uploaded

2.Student

2.1 Number of students during the year	1479

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	259

File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	368

File Description	Documents
Data Template	No File Uploaded

3.Academic

3.1 Number of full time teachers during the year	97

File Description	Documents
Data Template	No File Uploaded

3.2 Number of sanctioned posts during the year	97

File Description	Documents
Data Template	No File Uploaded

4.Institution

4.1 Total number of Classrooms and Seminar halls	42
4.2 Total expenditure excluding salary during the year (INR in lakhs)	300
4.3 Total number of computers on campus for academic purposes	625

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

Avanthi Institute of Engineering and Technology has adopted a best mechanism to developits Students, Faculty and in turn grow by itself.

Academic Calendar is prepared by departments based on the contents issued in the academiccalendar issued by an affiliating university, JNTU Kakinada. Academic schedule will beplanned before the commencement of the fresh academic year. All the departments areinvolved in scheduling academic, co-curricular and

extracurricular events to enrich thelearning process. HODs collect the status of syllabus coverage to monitor the 100%coverage of the syllabus.

Principal conducts regular meetings with the department HODs for the academic furtherancesmoothly, as per the academic calendar without any delays and issues.

The institution has a well-maintained central library, with latest books and journalsrequired for curriculum delivery.Institution encourages all teachers to attendFDPs/workshops/seminars to update themselves and ensure effective curriculum delivery.

A team of IQAC is also employed for an overall audit of the Quality of work being done inthe Institute in all the academic activities and to make sure that the Student and theInstitute are benefitted in all possible ways.

File Description	Documents
Upload relevant supporting document	**View File**
Link for Additional information	**http://avanthienggcollege.ac.in/assets/pdf/Curriculum_Delivery_2021-22.pdf**

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

Being an affiliated college of the JNTU,Avanthi Institute of Engineering andTechnology follows the Academic Calendar issued by the University at the beginning of theacademic year. Within the same framework, the college also prepares its own calendar ofevents and activities before the commencement of the Academic Session and the same iscommunicated to all.

The Principal also conducts meetings with the Teacher-in-charge(s), faculty fromindividual Departments, Student Class Representatives and entire Staff including nonteachingto ensure smooth implementation of the activities as scheduled.

For the purpose of conducting Continuous Internal Evaluation, teachers prepare theirschedule of teaching, class tests and assignments in accordance with their allotted timetable keeping the academic calendar and planned co-curricular activities of the collegein mind.

Mid-Semester break offered by JNTUK is utilized for the above mentioned field work, miniproject work, industrial visits, etc. which form an integral part of CIE.

Everything in the institution is geared towards providing transformative education in a structured manner to our students, with accessibility, comprehensibility and transparencyas our watchwords in this process.

File Description	Documents
Upload relevant supporting document	**View File**
Link for Additional information	**http://avanthienggcollege.ac.in/assets/pdf/Internal_Evaluation_2021-22.pdf**

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	B. Any 3 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	**View File**
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	**View File**

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

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

9

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

1056

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

Ø All the programs offered in the institute have courses in their curriculum which integratescrosscutting issues relevant to Gender Equity, Environment Science, Human values andProfessional Ethics. These crosscutting issues are integrated into mandatory in the undergraduate programs.

Ø The mandatory courses in the curriculum which address these crosscutting issues areInduction Program, Professional Ethics & Human Values, Constitution of India andEnvironmental Studies, Engineering Exploration Project Essence of Indian TraditionalKnowledge and IPR & Patents during from first to third year programs.

Ø Professional Ethics and Human values: A course on Professional Ethics and Human Values isincluded in the curriculum of all the UG programmes focusing upon the importance andinculcating the Ethics and Human Values, striving for an overall development of theinstitute's student community.

Ø Gender Equality: AIET as a campus on the whole emphasizes upon the equality of genderthroughout its working environment amongst staff, students and others involved in itsfunctioning.

Ø Environmental Science: The institute ignites sensitivity towards society and environment byvariousactivities conducted by the Institutes NSS Team Awareness programs and events areorganized on national and international days.

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

1089

File Description	Documents
Any additional information	**View File**
Programme / Curriculum/ Syllabus of the courses	**View File**
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**View File**
MoU's with relevant organizations for these courses, if any	**View File**
Institutional Data in Prescribed Format	**View File**

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

1089

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	**http://avanthienggcollege.ac.in/Feedback_system.php**
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	**View File**
Any additional information	**View File**

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents

Upload any additional information	
URL for feedback report	**https://avanthienggcollege.ac.in/feedback_system**

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

494

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

162

File Description	Documents
Any additional information	**No File Uploaded**
Number of seats filled against seats reserved (Data Template)	**View File**

2.2 - Catering to Student Diversity

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

The institution assesses the learning levels of the students and organizes specialProgrammes for advanced learners and slow learners It is well-acknowledged fact that in everyyear diversified students from different backgrounds join the institute. The ability oflearning of the students are highly influenced by their background as well as their personalabilities and other attributes. The institute has developed a structured mechanism forassessing the learning levels of the students and continuously monitors the same forimproving their academic as well as overall performance.Efforts to identify the students' learning levels:

Students are made aware of the requisites by the faculty members. The initial informalinteraction during Induction Program just after their entry. Coupled with continuousevaluation helps the teachers to assess the learning level of the students and identify anddifferentiate the slow learners and advanced learners in the classroom.

Program for slow learners:

Each mentor is assigned with a group of students per year to provide counselling forimprovement. The humanities department arranges spoken English classes for the benefit ofthose whose proficiency in English is low.The different departments of AIET conduct remedialclasses and provide course notes for students who are slow learners.

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

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

Number of Students	Number of Teachers
Nil	**Nil**

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

2.3 - Teaching- Learning Process

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

Teaching Learning is a Phenomenon where both the teachers and students are learning.

Traditional teaching replaced with more innovative creative ways the faculty has integratedseveral teaching learning process in to their regular course.

Course delivery methods:

Seminars, PPts , Lab Experiential work Etc.

Individual Learning:

ELearning Platforms are provided to facilitate independent learning. Students are encouragedto enrolled and get certification through those platforms. Spoken tutorial projects allows inself learning mode.

Experiential Learning:

Studentcenteric learning is provided in the practical sessions. Lab experiments topracticality test the concepts. Group projects for all branches. Use full to achievetechnical fest and workshops

ICT based Learning:

ICT based learning through web assignments, quiz Etc.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	Nil

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

The institute always strives to make the latest Information and Communication Technology(ICT) infrastructure available for itsmembers in the campus. The learning experiences of thestudents are enriched with the latest teaching learning process.

ICT tools:

The institute has dedicated digital classrooms for all programs. The institute has multipleseminar halls and two auditoriums equipped with ICT tools. The institute encourages theteachers to use modern teaching aids. The program-wise class routine includes the details ofthe regular classes to be conducted through ICT enabled tools. All the faculty members useGoogle class room to share the materials with students.

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

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

2.3.3.1 - Number of mentors

97

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

2.4 - Teacher Profile and Quality

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

97

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

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

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

10

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

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

2.4.3.1 – Total experience of full-time teachers

669

File Description	Documents
Any additional information	No File Uploaded

List of Teachers including their PAN, designation, dept. and experience details(Data Template)	**View File**

2.5 - Evaluation Process and Reforms

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

The institute prepares its own academic calendar well in advance before the commencement of the semester based on the Academic Calendar notified by the University.It includes specificdates for completion of syllabus coverage,the conduct of Continuous Assessments fortheory,session and laboratory papers.Further changes in schedules,patterns,methodsif any,are immediately notified to the students through classroom briefing by the concerned subject teachers and the department notice board.For theory subjects,during a semester,therewill be two mid-term examinations.Each midterm examination consists of one objective paper for 10marks,one descriptive paper for 15marks and one assignment for 5marks.The total marks secured by the student in each midterm examination are evaluated for 30 marks.Internal marks can be calculated with 80% weightage for better of two mids and 20% weightage for other mid exams.For practical subjects there shall be continuous evaluation for 15 internal marks to be awarded as follows day to day work and record 10marks and 05marks for internal laboratorytest.The answer scripts of the class test are evaluated and distributed within one week of the internal exams for verification of marks.Students are free to interact with the teacher to resolve grievances if any,regarding the assessment,complete transparency is maintained inthe system of internal assessment which enhances the bonding between faculty members and the students.

File Description	Documents
Any additional information	**View File**
Link for additional information	**https://avanthienggcollege.ac.in/assets/pdf/MidMarks.pdf**

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

The institute is having a well-structured mechanism to address examination related grievancesin an efficient manner which is transparent and time-bound, as enumerated below.

The Examination Cell is headed by a faculty member as appointed by the Chief superintendentand well equipped with other faculty members. The Examination Cell continuously keeps intouch with the university. The answer scripts of all Internal Assessments are shown to thestudents after evaluation. The checked copies of the class tests are discussed with thestudents in the classes in case of any problem. However, if the grievance remains unresolved,it is forwarded to the head of the Department for appropriate solution. Internal evaluationof Practical, Viva-voce, and lab copy evaluations are done in the lab only in presence of thestudents so that process remains transparent and grievances are minimized. Any malpracticeduring University examination is referred to the Examination Cell and is dealt with as perthe guidelines of the University. Decision taken by the Chief Superintendent in this regardis Final.

Any grievances raised by the students before appearing in the university examination relatedisdealt by the Examination Cell in close coordination with the University.

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

The institute follows an outcome-based evaluation system following the guidelines of theNational Board of Accreditation (NBA) and affiliated university JNTUV. The program outcomes(POs) as identified by NBA are followed for Engineering and Management programmes.Program Outcomes (POs) are displayed in the prominent places in all the departments and alsoin the website. Program Specific Outcomes (PSOs) are identified for each program by theDepartment Committee. The PSOs are also displayed in the prominent places in all therespective departments & also on the website.

University specifies the semester wise syllabus for each programme. Course Outcomes (COs) ofsome courses are provided by the University in the syllabi. However, in case the COs is notspecified by the university, then the same is identified following the guidelines asspecified by NBA at each programme level.

The subject teacher go through the course outcomes specified by the university and the sameis discussed in the in Department Committee for any modifications/Inclusions.

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

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

Nil

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

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

253

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)

Nil

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

5

File Description	Documents
Any additional information	**View File**
e-copies of the grant award letters for sponsored research projects /endowments	**View File**
List of endowments / projects with details of grants(Data Template)	**View File**

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

3.1.2.1 - Number of teachers recognized as research guides

1

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

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

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

1

File Description	Documents
List of research projects and funding details (Data Template)	**View File**
Any additional information	**View File**
Supporting document from Funding Agency	**View File**
Paste link to funding agency website	**https://avanthienggcollege.ac.in/Grants**

3.2 - Innovation Ecosystem

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

Avanthi Institute of Engineering and Technology has formed an Ecosystem for Innovation Research Center Projects, Technical Talk, Research related activities for making and transfer of technical knowledge. Faculty members are authorized to take up research activities with existing facilities.

The Institution has a Research & Development (R&D) Cell to monitor and address the issues of research by the Principal Dr. C P V N J Mohan Rao and Associate Professor Dr. T Srinivasa Rao, R&D Head & Coordinator, HOD'S of Mechanical, EEE, ECE, & CSE.

Research & Development (R&D) Cell is performing the following activities

- Motivating the faculty members for Research Publications in quality journals, Publishing the patents and students for higher education, and Collaboration with industries.
- Organizing the online webinars, workshops, seminars, invited lectures, conferences and for doctoral programme.
- To initiate and promote MoU with industries and R&D organizations for consultancy, collaborative research, sponsored projects, industry institute interactions etc.

- **To arrange brainstorming sessions through talks by eminent personalities from Industry R&D organizations. To keep everyone informed about announcements by various funding agencies like DST, DRDO, ISRO, CSIR, AICTE etc..**
- **To Motivate and encourage students' participation in competitions and exhibitions conducted by State University, NIT'S, IIT'S and IET, SAE, HACKATHON.**

File Description	Documents
Upload any additional information	**View File**
Paste link for additional information	**https://avanthienggcollege.ac.in/ecosystem**

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

1

File Description	Documents
Report of the event	**View File**
Any additional information	**View File**
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

1

File Description	Documents
URL to the research page on HEI website	**https://avanthienggcollege.ac.in/list_of_faculty**
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	**View File**
Any additional information	**View File**

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

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

7

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

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

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

2

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

3.4 - Extension Activities

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

1 11-10-2021 COVID Vaccination Camp PHC, Makavarapalem Mr. Srinivas Rao, ASO , makavarapallem; Smt. Lakshmi , VRO , Makavarapallem; 12 100 2 28-10-2021 Voter Registration Awareness programme Mandal Revenue Department, Makavarapalem Smt Rani Ammagi, MRO, Makavarapallem;Mr. Srinivas Rao, ASO , makavarapallem 24 150 3 15-12-2021 COVID Vaccination Camp PHC, Makavarapalem Smt. N.Uma, ML.H.P , Makavarapallem, Miss K. Srivalli, ANM 26 140 4 07-01-2022 COVID Vaccination Camp PHC, Makavarapalem ,Smt. N.Uma, ML.H.P , Makavarapallem, Miss K. Srivalli, ANM 10 140 6 21-03-2022 Plastic free Environment Govt. High school, Tamaram Mr. G. Hari Babu, President, Tamaram; Mr. K. Achiturao, Head Master , Z.P. High School;Mr.Venkata Krishna ,Secretary, Tamaram 5 68 7 22-03-2022 Tree plantation Grama Sachivalayam, Tamaram, Govt. High school, Tamaram. Mr. G. Hari Babu, President, Tamaram; Mr. K. Achiturao, Head Master , Z.P. High School;Mr.Venkata Krishna ,Secretary, Tamaram 3 65 10 25-03-2022 Anti tobacco awareness Programme Govt. Junior College, Makavarapalem Mr. G. Hari Babu, President, Tamaram; Mr. K. Achiturao, Head Master , Z.P. High School;Mr.Venkata Krishna ,Secretary, Tamaram 5 38 11 26-03-2022 Awareness programmed on Natural Composite in Fields Grama Sachivalayam, Tamaram Mr. G. Hari Babu, President, Tamaram; Mr. K. Achiturao, Head Master , Z.P. High School;Mr.Venkata Krishna ,Secretary, Tamaram 4 120

File Description	Documents
Paste link for additional information	**https://avanthienggcollege.ac.in/ExtensionActivities**
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

1

File Description	Documents
Any additional information	**View File**
Number of awards for extension activities in last 5 year (Data Template)	**View File**
e-copy of the award letters	**View File**

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

11

File Description	Documents
Reports of the event organized	**View File**
Any additional information	**View File**
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

1249

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

26

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

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

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

16

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The modern facilities required for the effective teaching - learning process is more thanadequate and they exceed the minimum specified requirements by the various statutory bodies.

Some of the major facilities which are being used for effective teaching - learning arefurnished below

· More than 40 class rooms and 2 seminar halls are made available.

· All the class rooms and seminar halls are Wi-Fi enabled.

· Majority class rooms and seminar hall have a provision for ICT, including LCD projector.

· State of the art laboratories are made available for all the programs.

· Student – computer ratio is 3:1 and the allotment ratio in the lab is 1:1.

· The Library has the subscription for online resources such as e-Journals, e-Books,Databases etc., in addition to regular books, journals, magazines, newspapers etc.

· The staff, studentscan access the E-resources, anywhere anytime through remote access.

· Two seminar halls of capacity 300, 200 each are available in the campus for the conduct ofconferences, seminars, workshops, Institution events etc.

File Description	Documents
Upload any additional information	No File Uploaded
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 institute focuses on overall development of the students through participation in Outdoorand Indoor sports are encouraged amongst students to groom them with qualities likeleadership,team spirit & competitiveness.

The institute has well-equipped Gymnasium.There are sufficient seminar halls to conductacademic andcultural activities.

Sports & Games:The institute has constituted a committee consisting of physicaldirector,faculty and studentsfor regular conduction of sports activities in the college.Thephysical director along with the members of the committeeidentifies students and trains themand assists them in the chosen games to equip them to participate in University level sportsevents.

The institute has well equipped facilities for indoor sports like Carroms,Chess,Table tennisetc.Excellent Play fields are arranged for the outdoorsportsviz.,ShuttleBadminton, Basketball,Volleyball, Throwball,Cricket, Kabaddi and Kho-Kho.

100m,200m,400m tracks are also available in the campus

Yoga:The institute has dedicated space for Yoga and Meditation for improving mental andphysical health of faculty and students.

Gymnasium:The institute has an in-house gymnasium facility which the faculty and students canavail.The gymnasium has facilities like multi-gym,treadmill,cycle,abdominal bench,Weights andDumbells.

Cultural:Cultural activities are conducted on different occasionslikeinduction,farewell,teacher's day,National Festivals,Annual Festival,Funfairs at the endof the academic year.To bring out the inherent talent of the students.

File Description	Documents
Upload any additional information	No File Uploaded
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.

34

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

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

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

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	No File Uploaded

Upload Details of budget allocation, excluding salary during the year (Data Template	**View File**

4.2 - Library as a Learning Resource

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

The Library is automated with SOUL Software in the year 2017. The current version of the SOULsoftware is 2.0.

The books are automated using Barcode technology. Barcodes were pasted in all the books ofthe library to enable quick and efficient circulation facility.

Barcodes are effectively utilized for the inventory control activity in Library.

Acquisition Module is utilized to process the book recommendation and create the purchaseorder effectively.

Cataloguing is the most important module of the LMS from the point of view of retrieval ofinformation.

In SOUL 2.0 biblliographic details such as Title,Author,Publisher,Edition,ISBN etc

Using Catalogue module user can add bibliographic and authority records in the library

catalog,the database ofbooks,serials,computer files, CD/DVDs,e-resources etc that are owned by a library.

Circulation Module helps to maintain the various circulation activities and helps tocalculatethe overdue fine and patron categorization in the circulation of books and other resources ofthe library.

Serial control module provides streamline access to the users from Title entry to schedulegenerationand receiving order.

On-line public Access Catalogue(OPAC) has simple and advanced search facility with theminimum information for each item including author.

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

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

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

11.75

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

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

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

257

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

4.3 - IT Infrastructure

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

The campus has been enabled internet service with 100 MBPS bandwidth on 24x7 supports,providing anytime anywhere access to knowledge and learning resources, keeping in line withdemand from students and faculty.

Wi-Fi Access points over 50 numbers were deployed across the campus in both academic blocksand hostel blocks for 24X7 internet service for enabling students and faculty to stayconnected and access the academic content, anywhere in the campus.

To managing network operations efficientlywith continuous power supply. In our Data Centrethe Servers and Networks are maintained and provide Computing facility with Networkconnectivity.

The Computer Maintenance cell (CMC) consisting of all the system staffs will work under oneroof taking care of the Network, Hardware, Software, Projector and Ups maintenance activitiesof the Institution. In this connection email ids are created for the queries related tosystem services, Network Issues and Hardware Issues.

Over 500+ Desktops were deployed in the Computer labs across the Campus to giving Computingfacility to the Students and Faculty for Hands on practical sessions.

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

4.3.2 - Number of Computers

625

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution · A. ≥ 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

144

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

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

The institute has well defined system of maintenance of its academic, physical and support like laboratory, library, sports, computers, class rooms etc. The maintenance committee headed by The Principal and convened administrative officer who intern monitor the work of supervisor involved in the maintenance of overall infrastructure facilities.The team looks after regular maintenance and repair of furniture, air conditioning systems and solar panels, plumbing, housekeeping, gardening, transport, RO plan. Regular cleaning of class rooms, floor, laboratories, library and rest rooms are done by housekeeping staff. The college has electricians & plumbers who maintain RO system, electrical and water facilities in college and hostel.The college has power backup with generator (93.2 KVA) and 120 KVA Roof Top solar panel power generation system is available in the campus. Maintenance of Laboratory equipment: □ The laboratory/workshop equipment and machinery are maintained by well-trained technical staff. The minor repair/service will be done by the technical staff with lab in- charges. Annually stock verification of all laboratories and other facilities are carried out. The computer laboratories are supported with power backup system UPS.

File Description	Documents
Upload any additional information	No File Uploaded
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

1079

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File

Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	**View File**

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

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

415

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

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

File Description	Documents
Link to Institutional website	**https://avanthienggcollege.ac.in/capacity_building**
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

155

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

155

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

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

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	**View File**
Upload any additional information	**View File**
Details of student grievances including sexual harassment and ragging cases	**View File**

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

155

File Description	Documents
Self-attested list of students placed	**View File**
Upload any additional information	**View File**
Details of student placement during the year (Data Template)	**View File**

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

5.2.2.1 - Number of outgoing student progression to higher education

39

File Description	Documents
Upload supporting data for student/alumni	**View File**
Any additional information	**View File**

Details of student progression to higher education	**View File**

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

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

52

File Description	Documents
Upload supporting data for the same	**View File**
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.

18

File Description	Documents
e-copies of award letters and certificates	**View File**
Any additional information	**View File**
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	**View File**

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

Each class shall appoint a representative to the student council. All the class

representatives are nominated as members of student council.

The student council organizes several academic, co-curricular and extra-curricular eventsduring the year in collaboration with the university and other organizations to promote allrounddevelopment of the students.

Student Council meetings are held at least once per semester with the participation of therelated officials.

Student representatives are nominated to various academic and administrative committees suchas the Cultural Committee, Technical Activities Committee, Sports Committee, NSS Committee,Departmental Students Association, Anti ragging committee, grievance and redressal committee.

File Description	Documents
Paste link for additional information	**https://avanthienggcollege.ac.in/assets/pdf/Committee_2021-2022.pdf**
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

39

File Description	Documents
Report of the event	**View File**
Upload any additional information	**View File**
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	**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

Each department sends an email to its former students asking them to fill in the forms provided and give their opinion and suggestions on various development activities. Alumniassociations are organised every year on the campus. The institution has an unregisteredAlumni Association. The Alumni Association was inaugurated in 2014. The objective of theAlumni Association is to bring all the former students together

on one platform to shareexperiences, extend a helping hand and provide advice and support to the budding engineers ofthe institution. All students who have graduated from the college are members of the AlumniAssociation. The Alumni Association is spread all over the world and supports the institutionin various activities. The Alumni Association contributes to the development of theinstitution in the following ways.

Providing feedback on all issues for the growth and development of the institution.

Alumni visits the college, address the students and update them on latest technologicaladvancements.

Alumni all over the globe share their experiences with the staff and students.

The Alumni Association helps students in finding jobs

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) A. ≥ 5Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The Governing Body (GB), comprising of faculty representatives and representatives fromManagement discusses the proposals of College Principal to reform strategies and plans toupkeep the quality of education in the campus. The Members of the Management, Principal andother officials are always available to the faculty to present their views and ideas. Theopinions of faculty and staff are always considered.

The Management, Principal and the staff / faculty are always stepping in together fordesigning and proper applications of the quality policy and plans. The Principal of thecollege is the head of the institution and provides requisite leadership to the system. TheChairman keeps on meeting the college staff to discuss various policy matters and theirapplication.

Management and Administrators provide adequate freedom to faculty for strengthening teaching-learning process, academic advancement, nurturing talent in students.Every individual in theorganization can observe all the aspects and put forth their observations in the appropriatemeeting. This mechanism become effective tools to realize Vision and Mission of theinstitution

File Description	Documents
Paste link for additional information	https://avanthienggcollege.ac.in/institutionalleadership
Upload any additional information	No File Uploaded

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

Functioning of the college is transparent through well-defined rules and regulations forgovernance. The voice of every individual find place at its appropriate platform, which pavesways to participative Management and individuals, can take decisions on the matters concernedto them. These provisions of governance are leading to effective leadership.

Institution has well defined mechanism to monitor effective and efficient use of availableresources. The budget allocation will be done based on the budget proposals. The Labtechnician concerned and the Faculty In-charge concerned to the laboratory will arrive at thebudget requirement of the laboratory and will send their budget requirement to the Head ofthe Department. HOD conducts a meeting and finalizes the Budget Proposal of the department.

The Principal permits the HODs and staff members in performing freely the academic activitiesand administrative programmes such as departmental activities, allotment of workload, variousacademic committee programmes and club activities

File Description	Documents
Paste link for additional information	https://avanthienggcollege.ac.in/assets/pdf/Committee_2021-2022.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Institute has strategic / perspective plan.

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

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

The College has decentralized and transparent governing mechanism.

Principal is the functional head of the college and looks after academics, development ofeducation and also growth of institution.

Principal as the chief executive of the College coordinates between the sponsoring Society,GB and the other systems of management in the college.

The Principal is the chief Academic Administrator and a bridge between the Management, Staffand Students. Vice principal-Academics assists Principal in the domains of Teaching-Learningprocess, Library and Laboratory Development, Academics, Examinations, Research andDevelopment.

Examination In charge takes care of the responsibilities of examination system and reports toPrincipal.

HOD is responsible for the functioning of that Department as per the laid down policies ofthe college. He will be consulting with and reporting to Principal in technical matterscoming within the purview of him.

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

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

File Description	Documents
ERP (Enterprise Resource Planning)Document	No File Uploaded
Screen shots of user inter faces	No File Uploaded
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

List of Welfare measures:

1. EPF

2. Group Insurance

3. Transport facility Free

4. Free medical consultancy and hospitalization for common ailments: provided through anearby Hospital with MoU.

5. Sponsoring to higher education

6. Sponsoring for National//International Conferences, continuing education programmes,skill upgradation.

7. Academic Leave: Earned Leave (E.L)

8. Maternity leave: 180 days paid leave.

File Description	Documents
Paste link for additional information	https://avanthienggcollege.ac.in/assets/pdf/WelfareMeasures2021-22.pdf
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

59

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

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

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

40

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

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

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

97

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)	No File Uploaded

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

Teacher's Self Appraisal:

1. The College requires that the teachers furnish a self-evaluation form every year,available on the College website. This assessment helps in effective way of teachingstyle and the teacher can showcase his/her continuous professional development (paperpresentations, publications, seminars and conferences attended) etc.

2. Departments collect the data for appraisal in the form of departmental reports thenforwarded to the Principal.

3. The IQAC of the college assesses the report submitted by the faculty/department and doesan academic audit.

4. The departments fill a self-assessment proforma and prepare an Action Taken Report,appraised by the external auditor.

Non-Teaching Appraisal:

1. The College follows the performance appraisal procedures as per UGC norms.

2. Each employee fills and submits online Annual Performance Appraisal Report (APAR).

3. Reporting Officers enhance the concerned employee performance level and efficiency.

4. The administrative audit is conducted by IQAC and external agency.

Teacher's Evaluation by Students:

1. Students are given the opportunity to provide their feedback of the teachers.

2. The questionnaire is structured to elicit responses to provide effective mentoring andcareer guidance to students and grade the teacher's ability .

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

6.4 - Financial Management and Resource Mobilization

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

The Institute has a system of internal as well as external audit. Internal audit helps toevaluate and enhance the effectiveness of financial processes. The institute has its owninternal audit mechanism. The Books of Accounts are audited by the Internal Audit team. Asper stipulated provisions of the Income Tax Act, statutory audit is conducted once in a yearby the External Auditors

Following procedure is maintained:

1. Before the commencement of every financial year, Principal submits proposals regardingbudget allocation for the next financial year.

2. Principal reviews the previous years' actual expenses and the requirements of the presentyear and thereafter consolidated budget is prepared.

1. Internal Audit

The team of Qualified Internal Auditors conducts a thorough check and verification of allfinancial transactions with the supporting documents and approval of proper authority foreach transaction. The expenses incurred under different heads are thoroughly checked byverifying the bills and vouchers.

2. External Audit:

All the financial transactions of the college are audited by an external agency. The externalAudit is conducted in accordance with the Auditing standards as per the Government rules andregulations.

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)

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

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

The College being a private self-financed is not in receipt of any financial grant/aid fromthe Central/ State Governments. The main source of revenue generation is the tuition feescollected from the students as per the fee structure mandated by the State Government.

The fund velocity is critical to the growth of the Organization. For optimal utilization offinancial resources, expenditures are prioritised as follows:

1. Purchases are made with the recommendations of duly constituted Purchase Committee withPrincipal, Representative of Finance & Accounts department, HOD and representative fromPurchase and Stores department.

2. The amounts withdrawn from the banks follow a systematic mechanism of obtaining theapproval at various levels.

3. If any expenditure is made beyond sanctioned budget, it gets ratified in a specialmeeting.

4. The financial statement, Income and Expenditure details are available through Profit andLoss.

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

6.5 - Internal Quality Assurance System

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

Avanthi Institute of Engineering& Technology is two practices institutionalized by IQAC is:

1. Promotion of Research

2. Streamlining of Administration

Promotion of Research

IQAC recognizes the significance of promoting a research environment amongst staff andstudents.

1. Helping the interested teachers in writing research project proposals and publishing theresearch works.

2. Providing information about the quality journals of Scopus and UGC Care list andencouraging them to publish prolifically.

3. Initiating interdisciplinary research projects undertaken by students and mentored byteachers

Streamlining of Administrative Practices

1. Administrative Audit is conducted from time to time.

2. IQAC believes in establishing a democratic pattern of administration. The Managementalong with the Principal ensures that equal opportunities are given to staff members whoare best suited for a particular department and also, they are provided withopportunities to hone their skills.

3. The IQAC has developed a Non-teaching Self Evaluation & Feedback Form for the personalimprovement of the staff members , for betterment of their performance, providingencouragement for growth and improvement.

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

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

The IQAC has developed a continuous review process on teaching-learning to sustain effective teaching and learning for targeted outcome. IQAC believes in appropriate planning forsuccess. Following are few parameters on which review is conducted.

Initiatives implemented

1. APSSDC – Centre of Excellence for certification courses.

2. Compulsory Internship.

3. Effective mentoring system for all round development of students.

4. ERP module for academic planning, monitoring Student centric learning environment.

5. Reformation in Assessment process as per AICTE, UGC, NAAC and NBA.

6. Outcome Based Education is Practiced by Faculty and Students

7. Centre of Excellence Labs

8. Enhancement in Publications in reputed journals.

9. Innovation contest conducted to transform student's innovation into products.

10. Industry Academia linkages.

11. Industry persons talk and entrepreneurship development programs organized.

12. ICT enabled Class room and Seminar Halls

13. Enhancement in Library facilities and Digital Library

14. Enhancement in Internet Bandwidth

15. Enhancement in Placement

16. Two days National Level Technical Meet by inviting Top-notch Professionals.

17. Improvement in Alumni Engagement

18. Enhancement in faculty and staff welfare measures.

19. Involving experts from Industry/ Reputed Institutes in various decision making bodies.

20. Invited talk series, curriculum part delivery and audits

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

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	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	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Gender equality A well-structured Cell for Women's Welfare, Safety and Progress functions inthe institution with a convener, faculty coordinators from all departments and studentmembers.

This centre operates in accordance with the guidelines laid down by AICTE/UGC.

Members meet regularly to discuss action plans for activities, events and competitions thatwill be organised to raise awareness about women's empowerment and equality.

Women students are informed about the different problems and difficulties they may face andwho they should talk to. On the basis of complaints and grievances, immediate preventive andcorrective measures are taken.

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

A. 4 or All of the above

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

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

Solid waste Management: The institution is following proper waste disposal procedures andobtain the appropriate permits from the competent authorities. Collected Waste from the campus is segregated and classified as disposable, reusable and recyclable and the necessarymeasures are taken. Disposable waste is handover to local Panchayat sanitary people forappropriate disposal. Liquid waste management: A drinking water production plant withozonisation is available to supply the students with drinking water. The waste water is usedto maintain the green area of the campus, providing an ecological aesthetic environment.

There is a proper drainage system in all buildings on campus. The wastewater discharged fromthe RO plant is used for gardening. Rainwater from the roof, sewage and waste water from thecanteen are discharged to the rainwater harvesting system. Rainwater harvesting tanks havebeen constructed at various locations on campus. E-waste Management: In order to give specialemphasis on e-waste management, all the engineering faculties of the institution have projectand product development laboratories where students of the institution are encouraged toundertake projects for reuse of electronic and electrical waste. As a result, a largepercentage of e-waste on campus is reused.

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

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

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

File Description	Documents

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

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

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

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	No File Uploaded
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).

The institution has been taking several efforts and initiatives in providing an inclusiveenvironment i.e., tolerance and harmony towards cultural, regional, linguistic, communalsocioeconomic and other diversities. Pongal Day:. Pongal is one such festival that iscelebrated to thank the Sun God and Lord Indra for helping farmers in getting better-yieldingcrops. Fresher's Day: Every year our college to celebrate Freshers Day. The main motive of this day is to welcome new students in a friendly atmosphere and to encourage their creativeimpulses to boost their confidence. Science Day: This initiative was taken to exhibit harmonytowards technical events. Each department organized science expo were the students exhibitedtheir projects that meets the society needs and requirements. Republic Day: The institutioncelebrates republic day on 26 th January every year commemorating the adopting of Indianconstitution. The celebration includes the hoisting of national flag and spreading a warmmessage of nationalism in a speech by the principal. Awareness on Organic Forming: Theinstitution has come forward to create awareness on how to do organic forming . BloodDonation Camp: he institution has come forward to conduct Blood Donation camp associationwith Rotary Blood bank , Visakhapatnam and Amma Blood bank.

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

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

To sensitise the students and employees of the institution to be responsible citizens andfollow the Constitution in discharging their duties, NSS committee and Cultural committeeconduct a series of programmes and events to promote good qualities and develop a sense ofpurpose and responsibility. Various programmes were held such as International Yoga Day,

Independence Day, Republic Day,National Integration Day,National Constitution Day, NationalHindi Day,National Science Day,National Youth Day,National Sports Day, Refreshment Day,BloodDonation Camp,AIDS Control activities and VotersDay. Swachha Bharat,Clean and Greencampaigns, Vanamahaostavam plantation programme,Mathru Bhasa Dinostavam,rallies on plasticban, e-waste hazards, etc.were organised to sensitise the stakeholders of the institution onroad safety, environment protection, energy and water conservation. Various programmes on professional ethics and human values are organised from time to time. Moreover,the collegemanagement encourages our faculty to participate in various programmes organised by otheruniversities and affiliated colleges. In addition, the students have courses on Constitutionof India, Professional Ethics and Human Values as non-credit courses in their curriculum.

These subjects are taught by senior faculty to fulfil the intended purpose and make thestudents understand the concepts and follow the same in their life.

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

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

A. All of the above

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

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

Our institution enthusiastically organizes national festivals and birth and deathanniversaries of great Indian personalities. Our students are on a mission for a betterIndia, transcending the boundaries of regions,religions and castes.15 August, IndependenceDay is celebrated every year. It is a grand event marked with the chief guests flag.NationalSports Day is Celebrated on 29 August to commemorate the birthday of Indian hockey legendMajor Dhyan Chand.Sport is considered very important for the physical and mental developmentof human beings.On 5 September, we celebrate Dr Radhakrishnans birthday with great fervour asTeachers Day.Students organise a programme for teachers and senior teachers are felicitatedas a mark of respect.We celebrate this day on September 15 consistently as an exceptionaltribute to India's finest engineer,Bharat Ratna Mokshagundam Visvesvaraya,for hiscontributions and to motivate the next generation of engineers.Gandhi Jayanti is consistentlycelebrated on 2 October to commemorate the birth anniversary of Mahatma Gandhi.Cleanlinessand greening programmes,Swatchatha programmes,are run in near by schools to promote a senseof cleanliness.Republic Day is celebrated on 26 January to commemorate the adoption of theConstitution.8 March will be celebrated as International WomenDay is a global day celebratingthe social,economic,cultural and political achievements of women

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

Professional Communication Training OBJECTIVES: To equip students with ProfessionalLanguage proficiency

 To develop verbal , nonverbal and other cognitive abilities

 ToProvide students with cohesive and Integrated Personality development Program Emphasis on

Creative , Academic and Carrier Development

 To provide Training and Development Programsfor Career Building THE PRACTICE: Professional Communication encompasses written, oral,visual and digital Communication with in a work place context. Reading, writing, listeningand speaking carefully are the four most important communication skills for students.Professional communication Faculty uses strategies, learning theory, and technologies to helpstudents to communicate effectively in the Professional world. Word association test, PPTpresentation, debate, group discussion, Role Play. TITLE OF THE PRACTICE : Energyconservation Objectives: To reduce energy losses.

 To promote renewable Energy sources.

To minimize energy consumption. Practice:

 Replacement of energy consuming tube light & bulbwith energy saving LED bulbs.

 Pole Lights auto On/Off sensors are installed in collagecampus.

 Energy conservation awareness programmes are conducted to create an energyconserving mentality among the students.

 Solar panels are installed on the roof of the college buildings to generate renewableenergy

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

The Vision, Mission and Quality Policy of the Institution are all in-line towards the holistic developmentof the student. Some of the Unique features of this institution are • Established in 1999, its a 22 years old successful institution located in rural part of Visakhapatnam District • Located in lush green environment surrounded by hills in a sprawling campus of 32 acres which is best suited for scholastic pursuits. Not only the college campus but also the surroundings is covered with greenery, which is not seen any where else. • One of the two colleges available and accessible to 15 Lakh of rural Visakhapatnam population covered under Anakapalle parliamentary constituency and seven assembly constituencies. • One and Only college available and accessible to 6 lakh of tribal population residing in the agency area of Visakhapatnam District covered under Araku Parliamentary constituency which is not more than 25 kms from the college. There is no other technical institute offering UG and PG programs in Engineering in this area.

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

7.3.2 - Plan of action for the next academic year

Institute planned the NAAC accreditation renewal process completion as major plan of action in addition to the regular quality improvement aspects.