

The Annual Quality Assurance Report (AQAR) of the IQAC
(For Affiliated/Constituent Colleges)

Institutions Accredited by NAAC need to submit an Annual self-reviewed progress report i.e. Annual Quality Assurance Report (AQAR) to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the IQAC at the beginning of the Academic year. *The AQAR period would be the Academic Year. (For example, July 1, 2017 to June 30, 2018)*

Part – A

Data of the Institution

(data may be captured from IQA)

1. Name of the Institution: Shanti Education Society's A.G. Patil Institute of Technology

- Name of the Head of the institution: **Dr. S. A. Patil**
- Designation: **Principal**
- Does the institution function from own campus: **Yes**
- Phone no./Alternate phone no.: **0217-2342499/2343099**
- Mobile no.: **9730160904**
- Registered e-mail: **contact@agpit.edu.in**
- Alternate e-mail: **principal@agpit.edu.in**
- Address: **18/2/2A, Pratap nagar, Opposite to S.R.P. camp, Vijapur Road.**
- City/Town: **Solapur**
- State/UT: **Maharashtra**
- Pin Code: **413008**

2. Institutional status:

- Affiliated / Constituent: **Affiliated**
- Type of Institution: Co-education/Men/Women: **Co-education**
- Location: Rural/Semi-urban/Urban: **Urban**
- Financial Status: Grants-in aid/ UGC 2f and 12 (B)/ Self-financing: **Self-financing**
- Name of the Affiliating University: **Dr. Babasaheb Ambedkar Technological University, Lonere and Solapur University, Solapur**
- Name of the IQAC Co-ordinator: **Prof. Vishwajeet V Potdar**
- Phone no.: **0217-2342499**
Alternate phone no.
- Mobile: **9422646428**
- IQAC e-mail address: **v.principal@agpit.edu.in**
- Alternate Email address: **vishwa.potdar@gmail.com**

3. Website address: www.agpit.edu.in

- Web-link of the AQAR: (Previous Academic Year): First AQAR
<http://www.agpit.edu.in/download/AQAR/AQAR%202017-18.pdf>

4. Whether Academic Calendar prepared during the year?

- Yes/No....., if yes, whether it is uploaded in the Institutional website: **Yes**
- Weblink: http://www.agpit.edu.in/download/IQAC/Academic_calander_2018-19.pdf

5. Accreditation Details:

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 st	B ⁺	2.56	2017	from: 30.10.2017 to: 29.10.2022
2 nd	-	-	-	from: - to: -
3 rd	-	-	-	from: - to: -
4 th	-	-	-	from: - to: -
5 th	-	-	-	from: - to: -

6. Date of Establishment of IQAC: **22/08/2015**

7. Internal Quality Assurance System

7.1 Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & duration	Number of participants/beneficiaries
Regular meeting of Internal Quality Assurance Cell (IQAC)	23/12/2017 16/04/2018	All Students and Faculty
Submission of Annual Quality Assurance Report (AQAR) to NAAC;	19/12/2018	All Faculty
Feedback from all stakeholders collected, analysed and used for improvements	Twice in a semester for students	All Students
	Once in a Year	All Faculty
Academic Administrative Audit (AAA) conducted and its follow up action	End of each Semester	All Faculty
Entrepreneurship Awareness Camp (EAC): 2017-18	07-09-2017 to 09/09/2017	113
	12/10/2017 to 14/10/2017	95
National Conference 2018	16/03/2018 to 17/03/2018	66

8. Provide the list of funds by Central/ State Government-

UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Mechanical Engg. and Computer Engg.	EDII	DST-NIMAT	06/09/2018 to 08/09/2018	Rs. 20000/-
Electronics & Telecommunication Engg. And Civil Engg.	EDII	DST-NIMAT	27/09/2018 to 29/09/2018	Rs. 20000/-
Mechanical Engg.	Seminar on "Total Productive Maintenance"	IEI	20/03/2018	Rs. 10000/-

9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No: **Yes**

*upload latest notification of formation of IQAC: **Yes**

<http://www.agpit.edu.in/download/IQAC/IQAC%20Structure.pdf>

10. No. of IQAC meetings held during the year: 02

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the

institutional website <http://www.agpit.edu.in/download/IQAC/23.12.17.pdf>

<http://www.agpit.edu.in/download/IQAC/16.04.18.pdf>

Yes No

(Please upload, minutes of meetings and action taken report)

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

If yes, mention the amount: Year:

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

* solar power (MSEB Net metering implemented) 30% reduction in electricity bill.

* Modernization of Mechanical and civil engineering computer labs

* upgradation of computer systems CSE department to higher configuration.

*Implementation of ERP system.

*Successfully implemented NPTEL courses by various Dept.

13. 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
Preparation of Proposal for Entrepreneur Awareness Program 2018	200 Students participated
Upgrading of existing Computer Laboratory for all the departments	All students
Conduction of National Conference 2018	66 Papers Presented and 25 papers got published
National Technical Event AGTech-2018, Cultural Events, Sports, and etc	650 Students participated in national level
Research publications in quality journal	Research papers has been published in the journals like Springer, Elsevier.

14. Whether the AQAR was placed before statutory body? Yes /No: **Yes**

Name of the Statutory body: **Governing Body** Date of meeting(s): 15/09/2018

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning?

Yes/No: **No**

Date: -----

16. Whether institutional data submitted to AISHE: Yes/No: **Yes**

Year: **2017-18**

Date of Submission: 17/02/2018

17. Does the Institution have Management Information System?

Yes

No

If yes, give a brief description and a list of modules currently operational.

(Maximum 500 words)

AGPIT Smart School MIS:

This MIS includes modules on: attendance management, online examination, feedback management, e-notice management, learning material distribution, syllabus coverage system, teacher guardians, alumni information system, student information system, faculty information system, fees collection system, T&P, transport management system, Hostel management system, store management system, administrative management system, suggestion box, etc.

Part-B**CRITERION I – CURRICULAR ASPECTS****1.1 Curriculum Planning and Implementation****1.1.1 Institution has the mechanism for well-planned curriculum delivery and documentation. Explain in 500 words**

Well planned curriculum delivery is back bone of effective teaching learning process.

Institution plans for it in following steps and processes

1. Before the commencement of classes
2. During the Course of semester after commencement of Classes
3. After End of teaching session

1. Before the commencement of classes

- Program wise curriculum/ syllabus for the semesters is provided by University (SUS and DBATU).
- Each program of the department is elaborated in terms of Program Outcomes (POs) which are aligned with graduate attributes. Furthermore, Curriculum is defined in terms of Course Outcomes (COs) for every course taught for effective deployment of the curriculum.
- Formulation of institute's Academic Calendar for the semester at the beginning of each semester in which academic activities like Class tests, Mid semester exam as well as co-curricular activities like Avishkar project competition are mentioned.
- Extra lectures are planned in regular time table of Second year and First year engineering for the subjects like Engg. Mathematics I, II, III and IV and Numerical Methods etc. in which students require detail explanation and practice.
- From current 2018-19 Induction Programme for First Year students was conducted as per AICTE guidelines.
- Experience based allotment of subjects is done to various faculty members of the department.
- Time table, syllabus and academic calendar, are provided to all teachers, students and parents.

2. During the Course of semester after commencement of Classes

- Academic dairy is maintained by every faculty.
- Course files are updated in every semester.
- Teaching plan and daily attendance is updated in ERP system. Parents are informed regarding absentee of their ward through phone call regularly.
- Daily Classes and practical sessions are observed by HODs Vice Principal and Principal.
- Class tests, Mid semester exams are conducted as per academic calendar.
- Weak students are identified and counselling sessions are arranged at mentor meetings and in practical sessions.
- The parents are encouraged to meet the HOD and class coordinator to have on the spot feedback of the student.

III) After End of teaching session

- Continuous assessment marks of each subject are compiled and uploaded on DBATU website.
- University examinations as per schedule are conducted.
- On declaration of university results, Compilation of result analysis sheet of students of each class by each department. Analysis and review of 'Results' by Academic Monitoring Committee and corrective measures decided for implementation in next semester.

1.1.2 Certificate/ Diploma Courses introduced during the Academic year				
Name of the Certificate Course	Name of the Diploma Courses	Date of introduction and duration	focus on employability/ entrepreneurship	Skill development
Solid Modelling	-	21-02-2018 Duration: 40 Hrs	Focus on employability	Technical Skill
STAAD.PRO	-	1/08/2017 Duration: 60 Hrs.	Focus on employability	Technical Skill

1.2 Academic Flexibility			
1.2.1 New programmes/courses introduced during the Academic year			
Programme with Code	Date of Introduction	Course with Code	Date of Introduction
NIL	NIL	NIL	NIL

1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the Academic year.					
Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
Civil Engineering	✓	-----	2016-17	✓	-----
Computer Engineering	✓	-----	2016-17	✓	-----
Electronics and Telecomm. Engineering	✓	-----	2016-17	✓	-----
Mechanical Engineering	✓	✓	2016-17	✓	✓

Already adopted (mention the year): 2017-18

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

No. of Students	Certificate	Diploma Courses
20 Students	NPTEL	NIL

1.3 Curriculum Enrichment		
1.3.1 Value-added courses imparting, transferable and life skills offered during the year		
Value added courses	Date of introduction	Number of students enrolled
Soft Skill Training	10/01/2018 to 13/01/2018	66
JAVA workshop by QTT	23/02/2018 to 24/02/2018	70
Entrepreneurship awareness camp	07-09-2017 to 09/09/2017	113
Entrepreneurship awareness camp	12/10/2017 to 14/10/2017	95

1.3.2 Field Projects / Internships under taken during the year	
Project/Programme Title	No. of students enrolled for Field Projects / Internships
In plant training by C- DAC	60 (21/06/2017 to 28/06/2017)
As per curriculum Internships is compulsory for final year students'	

1.4 Feedback System				
1.4.1 Whether structured feedback received from all the stakeholders.				
1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents
Yes	Yes	Yes	Yes	Yes

1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)
<p>Yes, the Institute has a formal mechanism to obtain feedback from students and stakeholders.</p> <p>Students Feedback: - Institute collects online students' feedback through ERP systems. It has 21 questions which are answered by students for every teaching faculty of respective class. The cumulative result in percentage is generated by the ERP system. This feedback is analysed by academic monitoring committee including HOD, Vice Principal and Principal. Faculty having excellent feedback are awarded with letter of appreciation while faculty with average feedback regarding teaching learning process are informed about their strengths and weaknesses & guided by senior faculty for improvement.</p> <p>Teachers Feedback: - All faculty HODs, Vice Principal and Principal meet regularly. Many suggestions come forward through these meetings. These suggestions are implemented for the better performance of Institute. e.g. Previous ERP system changed to new user friendly ERP system.</p> <p>Alumni Feedback: - Alumni meet is arranged in every academic year, where feedback is collected, regarding physical facilities, library, curriculum etc.</p> <p>Parents' Feedback: - Faculty (Class Coordinators, HOD) are always in contact with the parents. They are encouraged to meet HOD once in semester. Regular parent meets are arranged to get feedback from them.</p>

CRITERION II -TEACHING-LEARNING AND EVALUATION			
2.1 Student Enrolment and Profile			
2.1. 1 Demand Ratio during the year			
Name of the Programme	Number of seats available	Number of applications received	Students Enrolled
Civil Engineering	FE – 60	As per DTE, MH-CET Allotments	FE – 08
Computer Engineering	FE- 60		FE - 16
Electronics & Telecommunication Engineering	FE-60		FE – 04
Mechanical Engineering	FE-120		FE- 08

2.2 Catering to Student Diversity					
2.2.1. Student - Full time teacher ratio (current year data)					
Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017-18	651	04	51	03	02

2.3 Teaching - Learning Process					
2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)					
Number of teachers on roll	Number of teachers using ICT (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
51	51	Projectors, Smart boards, OHP	12	02	NPTEL. VSAT Facility

2.3.2 Students mentoring system available in the institution? Give details. (maximum 500 words)
Mentoring
<p>In order to resolve day to day academic problems of the students, mentors are appointed for a batch of 15 students, and they will counsel the respective students once in a month, to solve the problems come across during their course of study. This is a continuous process till the end of academic career of the student.</p> <p>Objectives: The objectives of the mentorship by the Institute/ department are:</p> <ul style="list-style-type: none"> • To monitor the student's regularity & discipline • To enable the parents to know about the performance & regularity of their wards. • Improvement of teacher-student relationship • Counselling students for solving their problems and provide confidence to improve their quality of life. • Guiding students to choose right career path for job, higher studies, Entrepreneurship, etc. <p>Type of Mentoring:</p> <ul style="list-style-type: none"> • Professional Guidance - regarding professional goals, selection of career, higher education. • Career advancement - regarding self-employment opportunities, entrepreneurship development, morale, honesty and integrity required for career growth. • Course work specific - regarding attendance and performance in present semester and overall performance in the previous semester. <p>Practice:</p> <p>The Mentors meet the students associated with them once in an every month. A separate Mentoring and counselling hour is maintained for each class as part of their time table and The respective faculty meets the students in the said hour.</p> <ul style="list-style-type: none"> • The Parents/Guardians of poor attendee/performance students are called to meet the mentors and corrective and preventive measures are implemented for further improvement. • Each mentor maintains the entire student Information, which is examined by the HOD and others concerned when necessary. • Periodic meetings are conducted by the Principal with HODs to review the punctuality and regularity of the students. • The class interaction committee meetings are being conducted twice in a month for every class to know and to solve their problems. • Every student participates in the events conducted in the college or other colleges with the prior permission of the concerned HOD. • Anti-Ragging Committee monitors the fresher's by frequently visiting the sensitive areas within the campus and outside the campus.

Outcomes of the system:

- The attendance percentage of the students has increased to a greater extent.
- The number of detention of students has decreased consistently.
- In course of direct communication between mentor and the student there was a good improvement in the teacher-student relationship.
- The above effected in attaining a better academic performance.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
651	51	1:15

2.4 Teacher Profile and Quality**2.4.1 Number of full time teachers appointed during the year**

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
60	51	09	10	03

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2017-18	Dr. S.A. Patil	Principal	Best Teacher Award, Rotary Club, Solapur

2.5 Evaluation Process and Reforms**2.5.1 Number of days from the date of semester-end/ year- end examination till the declaration of results during the year**

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester-end/ year- end examination
All	---	Semester - I	30/11/2017	09/01/2018
		Semester - II	18/04/2018	08/06/2018

2.5.2 Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)**Continuous Assessment**

The examination system of the University is designed to test systematically the student's progress in class, laboratory and field work through continuous evaluation in place of the usual performance in a single examination. Students are given periodical tests, short quizzes, home assignments, seminars, tutorials, term papers in addition to the examination at the end of each semester. The final result in each course is calculated on the basis of this continuous assessment and performance in the end semester examination. The evaluation regulations are given below.

Practice:

These courses are assessed for 100 marks with a split of 30 and 25 marks for internal assessment and 70 marks for end semester external examination.

- Two internal assessment tests followed by preliminary examination are conducted during the semester and assessed for the remaining 30 marks by taking the average.
- The faculties after every internal assessment test, they explain the solution of the questions in the class which enables students to perform well in the final examination.
- The average marks of three tests is chosen for the award of internal assessment marks (30)
- Continuous assessment for 25 marks for each experimental and assignment session finally averaged to 25 marks.
- External examination is for 70 marks (3 Hrs) - conducted and assessed by an external and internal examiner.
- Both internal and external examination shall include assessment of the student on Knowledge of principles/concepts involved, Experimental design, Result interpretation and analysis and Experimental report

Project Evaluation: for final year students

- A student shall take a project during the eighth semester. Project is evaluated for 200 marks.
- A student shall report to the guide/external supervisor and work under his supervision at least 10 hours per week.
- Also, a student shall engage a minimum of 10 hours per week in the directed study/learning a modern tool/self-learning (referencing etc.)/periodic report writing/conduct of experiments/tests/fabrication together.
- A project committee comprising of HOD, department Academic Coordinator, R&D member of the department, one senior faculty and guide shall review the progress once in a month.
- Internal evaluation shall be done by HOD, department Academic Coordinator, R&D member of the department, one senior faculty and guide for 100 marks.
- External evaluation shall be done by HOD, Guide/Internal Examiner and External Examiner for 200 marks.
- Assessment shall be on the basis of Problem definition, Literature review, Review on fundamental knowledge involved, Inter disciplinary aspect, Experimental/methodology design, Result analysis and interpretations, Report writing, Team work, Presentation and Viva-voce.

Outcomes of the system:

- Continuous assessment is an important component of semester system, it encourages the students to work systematically throughout the course.
- There is increased self-reliance on the part of the students in respect of schedule, evaluation and performance improvement.
- Abilities that are not tested otherwise could be tested by this system.
- Students have the opportunity to discuss their answers through all accepted tools of internal evaluation. This adds to reliability and also transparency of the system.
- There is an increased support and relationship between the teachers and the students.
- Holding of examinations is much simplified and regularized and results could be declared as per the predetermined date specified in the academic calendar. The percentage of students qualifying in the examinations is very high and consequently wastage of manpower is negligible.

- A body of dedicated teachers who feel the need to change the traditional system and put into practice a new system which is more meaningful and purposeful.
- A group of qualified staff which includes a system analyst who can play a supportive role in implementing the system.

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

Rules and Regulations for Examinations and Evaluation System of U.G. and P.G. programs

Examination Committee is constituted as follows:

- Principal (Chairman)
- Controller of Examination (COE)
- Department Coordinators (DC)

The Powers and Duties of Examination Committee (EC):

- The EC shall ensure proper performance of the various duties in conducting examinations viz. paper setting, time table preparation, assessment and declaration of results.
- The EC shall recommend examination reforms and shall implement them after approval of academic council.
- The EC shall prepare the detailed time table of examinations as per the schedule approved by academic council.
- The EC shall arrange for strict vigilance during the conduct of examination so as to avoid use of unfair means by the students, faculty, and invigilators.
- Grievance/Complaint Redressal Committee (GRC) shall be an independent committee, EC as and when required to deal with the complaints related to the conduct of examinations.
- The recommendations of the GRC shall be approved by Chairman, EC to take appropriate disciplinary actions in the concerned matter. The disciplinary actions shall be endorsed by the EC.
- For any meeting of EC, one-third members shall constitute a quorum.
- The members of EC shall meet at least twice during the academic year and at other times as and when necessary.
- The various formats shall be prepared by EC for record keeping and monitoring all examination related activities.
- The EC shall perform such duties and responsibilities that are assigned by the institute from time to time.
- Controller of Examination (COE) shall be assisted by the Department Coordinators (DC) for carrying out the following activities:
 - a. Attainment Evaluation**
 - The assessment of student's performance during and/or at the conclusion of a program has to be done using examinations. In general, an examination may have different objectives, like attainment Evaluation, prediction Evaluation, endurance Evaluation, and creativity Evaluation and Evaluation for ranking.
 - In technical education, the assessment has to be of the attainment Evaluation type, so that a student's knowledge, understanding and competence in the subjects studied are properly assessed and certified. The Guidelines given below enable the College to achieve this goal and gain the confidence and respect of their stake holders, particularly students.
 - Typically, attainment Evaluation is done in two parts as follows both of them being important in assessing a student's attainment:

Internal Assessment (IA): Involving **Continuous Internal Evaluation (CIE)**, to be conducted by the subject teacher all through the semester; and, to include Internal Assessment tests, homework assignments, Lab Conduction & Records, Attendance, problem solving, mini-project, Project and other means.

Semester Examination (SE): Semester Examination, to be conducted by the college with the direction of the University jointly through with the Internal and external examiners appointed by the University at the end of a semester, that include a written examination for theory courses and practical examination with built-in oral part for laboratory.

- In the credit system, it is necessary to have both IA and SE of (30:70) significance. And, a student's performance in a subject shall be judged by taking into account the results of IA and SE individually and also together.

b. Question Papers (NOTE: University provides the question paper for SE.)

- Attainment Evaluation: For an effective attainment Evaluation of the students in a course, a good question paper is necessary for IA which:
 - Cover all sections of the course covered syllabus uniformly;
 - Be unambiguous and free from any defects/errors;
 - Emphasize knowledge Evaluation, problem solving & quantitative methods;
 - Contain adequate data / other information on the problems assigned; and, have clear and complete instructions to the candidates.

c. Question Paper Planning:

- These requirements make it necessary for a Question Paper in tune with University question paper pattern to cover the course covered syllabus, with a provision for the students to answer questions. This factor shall be taken note of by the Board of Examiners, while planning for the Question Papers.

d. Typical Question Paper:

- The questions to be included in the Question Papers at IA can be of two types as follows and the subject teachers as well shall have to be well trained to set them:
 - Multiple Choice Questions, having each question to be answered by tick marking the correct answer from the choices (commonly four) given against it; Such a question paper to be useful in the Evaluation of knowledge, skills, comprehension, application, analysis, synthesis, evaluation and understanding of the students; However, Question Papers for IA to include no more than 15-20% of the questions of this type.
 - Comprehensive Questions, having all questions of the regular type to be answered in detail; Such a Question Paper to be useful in the Evaluation of overall attainment and maturity of the students in a subject, through long questions relating to theoretical / practical knowledge, derivations, problem solving, application and quantitative evaluation.

Examinations

Maintenance of Standards: For ensuring a high standard in IA, meeting the expectations of the Statute and being able to declare the results of student's performance in a time bound manner as per the Academic Calendar If any discrepancy in the schedule, respective Department can reschedule with the consent of COE office. It is necessary to follow the practical suggestions for conducting examinations given below:

- IA: The IA shall be conducted exclusively by the faculty handling the Course. The Course teacher/instructor to spell out the components of IA to the students in advance, maintain transparency in its operation, declare the evaluation results in time and then return the answer scripts and assignment sheets to them; Also the faculty solve the questions from these test papers during the class/tutorials for the benefit of students. The Continuous Internal Evaluation [IA] for theory courses shall have 30% weightage. The IA is based on Three Tests conducted as per the schedule given in Academic Calendar. Out of three tests, the best two test performance shall be considered. The tests shall be conducted for 30 marks each. The average marks of the best two test performances shall be considered for awarding the IA. The weightage of IA is as shown below:

Component	Test-1	Test-2	Test-2	Average of Best of two test Marks
Maximum Marks	30	30	30	30

IA FOR INTEGRATED COURSES

The IA for integrated course is split into two components namely Theory and Practical with their weightage prescribed by University.

For theory component - there shall be three tests conducted. Out of which, average of the best two test performances would be considered. For theory Home Assignments as continuous assessment and practical component, the performance in the Lab/workshop/drawing etc shall be evaluated in three phases namely Lab record, Attendance and Lab performance and lab test in Viva-voce. The lab test and Viva-voce to be conducted by Subject Teacher and shall finalized marks for Lab test/ Viva-voce and submit it to the departmental office.

The weightages are as shown below:

Component	Theory		Practical		Total Marks
	Attendance	Home Assignments	Records & Performance/ Sheets	Lab test & Viva-voce	
Maximum Marks	5/10	5/10	10/20	5/10	25/50

Note: A student shall secure a minimum of positive marks in IA and should have 85% attendance in both the theory and practical components in case of integrated courses; otherwise he/she shall not be qualified/ eligible for SE.

- Project work Evaluation: The evaluation of IA of the project work shall be based on the progress of the student in the work assigned by the project supervisor, periodically evaluated and through seminar presentation and submission of project report by him/her together with a Departmental Head and Project Coordinator constituted for this purpose.
- In the case of other requirements, such as, seminar, industrial internship, field work, if any, the assessment shall be made as laid down by the Department.
- 1.3.5 There shall be provision for the re-examination for any Course for IA. To take care of such students:
 - Who were absent from IA with valid reasons; or,
 - Who have failed to meet the standards prescribed or improvement for IA; or,

ATTENDANCE REQUIREMENT

- All students shall maintain a minimum attendance of 85% in each course registered. In case of shortfall in this, the Principal shall consider and may condone deficiency up to a limit of 10% in special cases after due recommendation by the concerned Head of the Department. Any student failing to meet the above standard of attendance in any course(s) registered, shall not be allowed to appear for SE of such course(s).
- Any student against whom any disciplinary action by the College is pending shall not be permitted to attend any SE in that Semester.

Guidelines/Instructions (SE & IA) to the Invigilators: The invigilators shall enter the examination hall at least 15 minutes before the start of examination. He/ She shall,

- a. Ask the students to keep their books, note books, mobile phones and their written materials at the front of the hall/outside the hall. Enter correct seat numbers; use only blue ink for writing.
- b. Check whether the students have occupied their seats as per the seating arrangement.
- c. Distribute answer books to the students at least 10 minutes before the start of the examination and ask them to fill in correct details on the front page of the answer books,
- d. Distribute the question papers to the students at the beginning of the examination,
- e. Check the identity cards of the students and sign on their answer books, if all details are correct.

- f. Take the signature of students on the attendance Performa, mark “AB” for absent students and maintain the attendance record of his/her examination hall,
- g. Distribute the supplements, graph papers to the students as and when demanded by the students and maintain the record of supplements issued in the given Performa,
- h. Maintain general discipline in the classroom by frequently moving in the examination hall and preventing any malpractices or attempt of copying by students.
- i. Report cases of misbehavior, indiscipline, malpractices and copying cases of students to the COE for further necessary action,
- j. Give warning to the students to tie their supplements, 10 minutes before the end of examination,
- k. Collect the answer books from the students at the end of examination and arrange them sequentially as per the examination seat numbers of students for each course separately,
- l. Hand over the answer books and filled in Performa to COE.

2.6 Student Performance and Learning Outcomes

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

<http://www.agpit.edu.in/Download/IQAC/program%20outcome%20and%20program%20objectives.pdf>

2.6.2 Pass percentage of students

Programme Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final semester/year examination	Pass Percentage
	Civil Engineering	72	62	82.11
	Computer Engineering	56	56	100
	Electronics & Tele. comm. Engineering	32	30	93.75
	Mechanical Engineering	51	48	94.11

2.7 Student Satisfaction Survey

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

<http://www.agpit.edu.in/download/IQAC/SSS.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the Academic year
Major projects	---	---	---	---
Minor Projects	---	---	---	---
Interdisciplinary Projects	---	---	---	---
Industry sponsored Projects	1 Year	Sai Agro Plast, M.I.D.C., Solapur	17,300/-	17,300/-
Projects sponsored by the University/ College	---	---	---	---

Students Research Projects (other than compulsory by the College)	---	---	---	---
International Projects	---	---	---	---
Any other(Specify)	---	---	---	---
Total	---	---	---	---

3.2 Innovation Ecosystem

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

Title of Workshop/Seminar	Name of the Dept.	Date(s)
-	-	-

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

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
-	-	-	-	-

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

Incubation Centre	Name	Sponsored by
--	-	-

Name of the Start-up	Nature of Start-up	Date of commencement
--	-	-

3.3 Research Publications and Awards

3.3.1 Incentive to the teachers who receive recognition/awards

State	National	International
	Best Research paper in IJIRET, Prof. V.V. Potdar	

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

Name of the Department	No. of Ph. Ds Awarded
-	-

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

	Department	No. of Publication	Average Impact Factor, if any
National	-	-	-
International	Mechanical Engineering	01	1

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year	
Department	No. of publication
Civil Engineering	08
Computer Engineering	14
Electronics & Telecommunication Engineering	01
General Sciences	02
Mechanical Engineering	20

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

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self-citations
Experimental Studies on the Use of Pyrolysis Oil for Diesel Engine Applications and Optimization of Engine Parameters of Injection Timing, Injector Opening Pressure and Injector Nozzle Geometry	Sudershan B Gadwal	Arab J Sci Eng (Springer)	2018	DOI 10.1007/s13369-017-2921-4	A.G. Patil Institute of Technology, Solapur.	

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

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self-citations	Institutional affiliation as mentioned in the publication
-	-	-	-	-	-	-

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year: 2017-18

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	-	09	-	-
Presented papers	-	33	-	-
Resource Persons	-	---	-	-

3.4 Extension Activities

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

Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers co-ordinated such activities	Number of students participated in such activities
International Yoga-day 2017	Vivekananda Kendra Kanyakumari, Branch - Solapur	05	63
Blood Donation Camp	Dr Hedgeawar Raktapedhi Sanstha Licence No. PD/8(28) Solapur.	05	103

3.4.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year			
Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited
-	-	-	-

3.4.3 Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year				
Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers coordinated such activities	Number of students participated in such activities
NSS	AGPIT	Swachh Bharat (Camp Cleaning)	50	300
NSS	AGPIT	Tree Plantation at Campus	50	363

3.5 Collaborations			
3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year			
Nature of Activity	Participant	Source of financial support	Duration
-	-	-	-

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year:				
As per curriculum Compulsory, Final Year students (for 2 weeks)				
Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	Participant
-	-	-	-	-

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year			
Organisation	Date of MoU signed	Purpose and Activities	Number of students/ teachers participated under MoUs
Ultra Tech Cement, Ltd. Solapur	27.07.2017	Placements, industry visits and industry expert talk	70
Global Talent Track Private Limited, Pune	06.06.2017	Technical, Soft Skill and Company Specific Classroom training.	180

Treezec E-Solutions Pvt. Ltd., Mumbai	05.07.2017	Campus Recruitment Training (CRT) Program and Placements	170
Vibrant Minds Technologies, Pune	10.09.2017	Company Specific Training and Placements	110
Learn Vern Pvt. Ltd., Ahmedabad	02.04.2018	eLearning Platform	45
Kongo Educational Service Pvt.Ltd., Mumbai	07.04.2018	GATE Training and Aptitude Training through Video Conferencing	170
Millionminds, Mumbai	06.09.2018	For conducting awareness camp on startup business and entrepreneurship camp	68
Inter Skill Solutions, Mumbai	01.10.2018	For conducting Technical training and placement	180
Career Prime, Mysore	09.10.2018	For conducting Aptitude training, Soft skills and Placements Services for 3 rd and final year students.	165
Aspiring Minds Assessment Pvt. Ltd., Gurgaon	15.10.2018	Pre-Employment Skill Assessment of our 2 nd year, 3 rd year and final year students.	233
GATE tutor Info-Edge Private Ltd., Pune	20.11.2018	Online GATE training, Internship and Placement Support	210
Solapur Care Multispecialty Hospital & Research Center Pvt. Ltd. Solapur	01.04.2018	Hospitality to our students and staff	32

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
Rs. 20,00,000/-	Rs.15,40,598/-

4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Campus area (Sq. mtr.)	21968.44	---
Class rooms (In Numbers)	18	02
Laboratories (In Numbers)	36	---
Seminar Halls (In Numbers)	04	---
Classrooms with LCD facilities (In Numbers)	09	---
Classrooms with Wi-Fi/ LAN	18	---
Seminar halls with ICT facilities	04	---
Video Centre	02	---
No. of important equipment's purchased (\geq 1-0 lakh) during the current year.	05	05
Value of the equipment purchased during the year (Rs. in Lakhs)	---	15,40,598/-
Others	---	---

4.2 Library as a Learning Resource						
4.2.1 Library is automated {Integrated Library Management System -ILMS}						
Name of the ILMS software	Nature of automation (fully or partially)			Version	Year of automation	
E-lib software	Partially			16.2	2011	
4.2.1 Library Services:						
	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	20814	8068707/-	104	77705	20918	8146412/-
Reference Books	2865	1394838/-	---	---	---	---
e-Books	493	---	---	---	---	---
Journals	47	68790/-	---	---	---	---
e-Journals (DELNET, J-GATE)	572	13570/-	---	---	---	---
Digital Database	---	---	---	---	---	---
CD & Video	1247	Free	---	---	---	---
Library automation	---	---	---	---	---	---
Weeding (Hard & Soft)	---	---	---	---	---	---
Others (specify)	---	---	---	---	---	---

4.3 IT Infrastructure									
4.3.1 Technology Upgradation (overall)									
	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available band width (MGBPS)	Others
Existing	379	36	---	---	01	---	---	100 Mbps	---
Added	---	---	---	---	---	---	---	---	---
Total	379	36	---	---	01	---	---	100Mbps	---

4.3.2 Bandwidth available of internet connection in the Institution (Leased line)			
100 MBPS /GBPS			
4.3.3 Facility for e-content			
Name of the e-content development facility	Provide the link of the videos and media centre and recording facility		
--	--		
4.3.4 E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc			
Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e - content
Prof. Chakole M.M	Google Class Room	Learning Management System	02-08-2018
Prof. Amey Doshi	Aptitude Tests	Module	16-07-2018
Prof. S.B. Gadwal	Google Class Room	Learning Management System	02-08-2018

4.4 Maintenance of Campus Infrastructure			
4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year			
Assigned budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
Rs. 5,69,21,950/-	Rs. 5,69,21,950/-	Rs. 15,78,050/-	Rs. 15,78,050/-
4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)			
<p>http://www.agpit.edu.in/download/IQAC/POLICY%20Manual(13-6-17-june).pdf</p> <p>The Maintenance Department focuses on maintenance and requisition system to provide timely and efficient disposal and working of all Laboratories equipment's and maintenance of buildings.</p> <p>The overall objective of the maintenance Department is to maintain, throughout its expected life, the interior and exterior of Institution buildings and all immovable and movable equipment's through preventive maintenance and repairs.</p> <p>The various objectives are</p> <ol style="list-style-type: none"> 1. Buildings and their components function safely and at top efficiency. 2. Minimize the possibility of accidents and safety hazards. 3. Continuous use of facilities without disruptions to the various educational programs. 4. Protection of Institutional property through proper planning, scheduling and preventive maintenance. 5. Quality management of Maintenance projects and tasks 6. Conservation of energy through utilization of the latest technology and energy conservation measures. <p>The various levels or domains of maintenance are as below</p> <ol style="list-style-type: none"> i. Civil maintenance ii. Mechanical maintenance iii. IT maintenance iv. Electrical maintenance v. General maintenance vi. Preventive maintenance and disposal. <p>For further please Refer Policy Manual Page No. 58</p>			

CRITERION V - STUDENT SUPPORT AND PROGRESSION				
5.1 Student Support				
5.1.1 Scholarships and Financial Support				
	Name /Title of the scheme	Number of students	Amount in Rupees	
Financial support from institution	Project Sponsorship	05	9500	
Financial support from other sources				
a) National	SC	Scholarship	44	3414806
		Freeship	16	1186701
	OBC	Scholarship	75	2668522
		Freeship	25	845836
	VJNT	Scholarship	54	3723235
		Freeship	28	1858281

	SBC	Scholarship	76	5294551
		Freeship	11	710332
	EBC		179	6010627
	Minority scholarship		23	575000
b) International	---		---	---

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

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Counselling and Mentoring	2017-2018	651	In-house
Remedial Coaching	2017-2018	112	In-house
Language Lab	2017-2018	38	In-house
Solid modelling	21/02/2018 to 20/03/2018	20	In-house
STAAD. PRO introduction	1/08/2017 to 30/08/2017	40	In-house
C-DAC Training session	12/01/17	56	C-DAC
Placement Aptitude test	11/01/17	56	Sanket solutions
Advance Java	19 to 20 july 2017	56	In-house

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

Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2017-18	CRT	320	196	12	54

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

Total grievances received	No. of grievances redressed	Average number of days for grievance redressal
02	02	15

5.2 Student Progression

5.2.1 Details of campus placement during the year 2017-18

On-Campus				Off-Campus			
Sr. No.	Name of the Organizations Visited	Number of students participated	Number of students placed	Sr. No.	Name of the Organizations Visited	Number of students participated	Number of students placed
1	Sanklap Semiconductor, Hubli	25	1	1	Automata Systems, Mumbai, Reanu Microelectronics, ApLab Limited and Data Patterns Pvt. Ltd.	26	0
2	PaRamatrix Technologies, Mumbai	55	1	2	EPIC Research Pvt. Ltd, Indore	25	0

3	Web-Tech Developers Pvt. Ltd., Pune	28	0	3	Acty India Pvt. Ltd., Pune	32	
4	3Idea Technology, Mumbai	40	3	4	Amazon, Pune	19	1
5	Mahindra CIE Automotive Ltd., Urse, Pune	44	5	5	VYOM Labs Pvt. Ltd., Pune	21	0
6	Motiwala Constructions, Solapur	53	0	6	Prototech Solutions	19	0
7	Global Space, Mumbai	36	0	7	e-Zest Solutions Pvt. Pune	9	0
8	Newsoft Solutions, Solapur	22	0	8	Hexaware Technologies, Mumbai/Pune	31	0
9	Qspiders., Pune	43	6	9	Genpact, Hyderabad	21	5
10	Renuka Engineering Solapur	32	10	10	Mphasis Ltd., Pune	19	0
11	SBM Marine Services Pvt.Ltd., Mumbai	32	15	11	Pratian Technologies, Bangalore	22	0
12	Gubbi Constructions, Mumbai	22	2	12	Raja Software Labs, Pune	16	0
13	Bharat Wire Ropes Ltd, Mumbai	32	1	13	Triveni Turbine Limited, Bangalore	17	0
14	Creazione Software, Pune			14	Sriram Transport Finance Company, Chennai	31	0
15	Hands In Technology, Mumbai	28	3	15	Collebera, Ahmadabad	46	1
Total			47	Total			7

5.2.2 Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2017-18	-	Bachelor of Engineering	MECH	-	-
	03		E&TC	VTU, Belgavi	M.Tech.
	02		Comp	N.K. Orchid college of Engg.	M.E.
	04		CIVIL	Engineering College, Bellary	M.Tech.-02 M.E.-02

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

Items	No. of Students selected/ qualifying	Registration No./roll No. for exam
NET	-	-
SET	-	-
SLET	-	-
GATE	01(Civil)	-
GMAT	-	-

CAT	-	-
GRE	-	-
TOFEL	-	-
Civil Services	-	-
State Government Services	-	-
Any Other	-	-

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

Activity	Level	Participants
Teachers Day	Institute	200
Engineers Day	Institute	350
Ras Dandiya	Institute	152
Abhiyuva Cultural night	Institute	95
Abhiyuva Cultural week	Institute	400
Table Tennis	Selected Players for West Zone & All India Inter University Sports	40
Judo	University	23
Taekwondo	University	25
Taekwondo Tournaments	Solapur University inter college	25
Teachers Day	Institute	200



5.3 Student Participation and Activities

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

Year	Name of the award/ medal	National/ International	Sports	Cultural	Student ID number	Name of the student
2017-18	---	---	---	---	---	---

5.3.2 Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Student Council of Academic Year 2017-18

Sr.No.	Name of Student	Class and branch	Post
1	Mr. Mukheer Aherwadi	BE E&tc Engg.	General Secretary
2	Ms. Misba Attar	BE Comp. Engg.	Cultural secretary
3	Mr. Mukheer Aherwadi	BE E&tc Engg.	Cultural Co-secretary
4	Mr. Dhiren Uंबरजे	BE Civil Engg.	Sports secretary
5	Mr. Omkar Kobbur	TE Mech Engg.	Sports Co -secretary
6	Mr. Sagar Rajmane	BE Comp Engg	NSS secretary
7	Mr. Akash Kadam	TE Civil Engg.	NSS Co- Secretary
8	Mr. Shivram Bhosale	BE- Civil Engg.	Magzine Secretary
9	Mr. Shahzad Maniyar	BE- Comp. Engg.	Magzine Co-Secretary
10	Ms. Afreen Shaikh	BE- Comp. Engg.	Ladies Representative
11	Ms. Swati Solapure	TE- Civil Engg.	Ladies Representative

List of students as representative on various institutional committees 2017-18

Sr. No.	Committee	Name of Student
1	Anti Ragging	Mr. Bolli Ramankumar
2		Mr. Choudhary Muzammil
3		Mr. Karkanti Suraj
4		Mr. Kapdekar Sandeep
1	Internal Complaint Committee	Ms. Shaikh Nayeя
2		Ms. Potdar Sheetal
3		Ms. Shaikh Afreen
4		Ms. Jagdale Kiran
1	Grievance redressal Committee	Mr. Bhosale Shivram
2		Mr. Birajdar Shivraj
3		Mr. Ekatpure Vikas
4		Ms. Dange Archana
1	Hostel & Mess Committee	Mr. Sagar Rajmane
2		Ms. Geeta Wadane

Activities:

- Coordinate activities involving engineering students and engineering student organizations.
- Serve as the primary support to allocate funds which is provided by the institute to student organizations.
- Encourage the continual improvement of engineering education and professionalism within the institute.
- Encourage membership in the engineering honoraria's, professional societies, and College committees and participation in college-wide events.

Funding:

- Many activities of students' council and events related to students' development are funded by institute itself. Few activities like NSS or student's university level programs may funded by Solapur University, Solapur.

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words):

Yes, Institute has a registered Alumni Association. Date of Registration: 25/01/2017 Registration Number: MAH/103/2017 Institute arranges Alumni meet once in every year. The Alumni takes this meet as an opportunity to interact with the juniors and also guide them on various aspects. The alumni are in continuous touch with the institute and provide their educational or employment related updates.

All the information regarding Alumni association is provided in the website.

Sr.No.	Name	Member	Designation
1	Dr. Patil. S.A	Principal	President
2	Mr. Potdar. V.V	Vice - Principal	Vice - President
3	Mr. Deshpande G.R.	In - Charge	Secretary
4	Mr. Doshi. A.A	Faculty	Co-Secretary
5	Mr. Ligade. S. J	Faculty	Treasurer
6	Ms. Maslekar. T.D	Faculty	Member
7	Mr. Patil Shivanand S.	Student	Member
8	Mr. Prachande Shakti D.	Student	Member
9	Mr. Prachande Sunny D.	Student	Member
10	Ms. Patil. S.G	Student	Member
11	Mr. Deshmukh. C.G	Student	Member

- Institute conducts alumni meet every year.
- Institute has alumni data base. We invite them to regular functions.
- Institute invites alumni to give the guest lecturers & interact with students to enhance the knowledge & skills of the students.
- Regular Student as well as alumni get the account on Institute websites which helps them to interact with Institute.

The alumni have immensely contributed to the development of the college in the following ways

- Providing guidance to the current students for the higher education and employment opportunities.
- Updating the current trends in the job markets. Motivate the students to become entrepreneurs. Providing study materials
- Sharing and Passing their experiences
- Expert lectures
- To help the college in bringing more companies and industries for campus placements.
- To review the changes and trends in the industry and giving inputs for design of curriculum.

5.3.2 No. of registered enrolled Alumni: 210 Students

5.3.3 Alumni contribution during the year (in Rupees) : Nil

5.3.4 Meetings/activities organized by Alumni Association:

1. Expert lectures for final year students of all branches
2. Laboratory modification programme as per industry requirements.
3. Workshops on professional software such as Revit architecture, etc.

CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT**6.1 Institutional Vision and Leadership****6.1.1 Mention two practices of decentralization and participative management during the last year**
VISION

"International Standing in Technical Education and Research, contributing towards Improvement and Empowerment of Society, Country and in turn, Mankind."

MISSION

1. To develop technically sound and globally accepted professionals.
2. To enhance capability of updating with cutting edge technologies and innovative research ideas.
3. To make aware of social commitments and highest ethical values as inner strength for upliftment of mankind.
4. To needlecraft career oriented courses and interactive teaching-learning process.

Before the commencement of the Academic year various committees are formed for smooth operation of curriculum, co-curriculum as well as extra curriculum activities. Various committees viz., Academic monitoring committee, Anti-ragging committee, Examination committee Maintenance committee, Research and consultancy committee, Grievance Redressal committee, AGTECHFEST committee, Cultural committee, Training and Placement committee, Internal complaint committee, NSS committee, etc., The various committee head are empowered for smooth conduct of the activities.

6.1.2 Does the institution have a Management Information System (MIS)? Yes/No/Partial:

Yes, the institute has a management information system Central ERP System-SmartschoolMIS.

The following activities are being monitored, maintained and reported through the ERP software:

1. Attendance Management
2. Syllabus Coverage
3. E-notice Management
4. Feedback Management
5. Student Information System
6. Library Management System
7. Faculty Information System
8. Result Analysis System
9. Administrative Office
10. Hostel Management System

6.2 Strategy Development and Deployment**6.2.1 Quality improvement strategies adopted by the institution for each of the following**❖ **Curriculum Development**

- The Institute is affiliated to DBATU, Lonere, Raigad and Solapur University, Solapur, Implements the curriculum developed by it, it takes up the following activities for curriculum enhancement:
- Experienced faculty members are appointed in the Board of Studies of the Solapur University, Solapur, from the Institute. They get involved in the process of curriculum development for the enrichment of the curriculum keeping in to view the Industry trends.

<ul style="list-style-type: none"> ● Project exhibitions are conducted for the students. ● Soft skills programs are organized for all students. ● Entrepreneurship Development Cell has been formed in the Institute to inculcate entrepreneurial spirit. ● Feedback from alumni, corporate, visiting faculties are taken for their inputs for the development of curriculum. ● Contents beyond syllabus and Experiments beyond syllabus are also conducted.
<p>❖ Teaching and Learning</p> <ul style="list-style-type: none"> ● Effective teaching methods like, Interactive teaching to create interest in the students, power point presentations, live demos are in place. ● Tutorial classes are helping students to enhance their knowledge in the subject. ● Remedial classes are offered for slow learners. ● Assignments are given on theory and practical components. ● Mock interviews and group discussion are a part of simulation exercises helping them in placements. ● Mentoring and counseling of slow learners are part of teaching and learning process. ● Unit-wise Question banks and university Old question papers are discussed in the class. ● Guest lecturers from industry experts, Seminars by students on current trends, AGTech- Fest are helping the students to enhance their knowledge. ● In order to help the students, hands-on exposure, Industrial visits, field trips, site visits are regularly organized. ● Students are motivated by Faculty continuously to present and publish papers at national and international conferences and symposiums. ● Language lab for communication improvement. ● Faculties are encouraged to regularly attend FDP's and Workshops to update their knowledge from time to time which helps in teaching learning process.
<p>❖ Examination and Evaluation</p> <ul style="list-style-type: none"> ● Examinations are conducted and evaluated as per the norms of DBATU Lonere, Raigad and Solapur University, Solapur. ● Internal assessment tests known as In -semester examinations (ISE) in each semester are in place to evaluate the students' performance. ● Apart from theory practical exams are also conducted in ISE. ● Class tests are also conducted specified in the syllabus.
<p>❖ Research and Development</p> <ul style="list-style-type: none"> ● Funded projects are in the line of process by the Institute which benefits the faculty and students to strengthen their research skills. ● Faculty are constantly encouraged to present research Papers in International and National Journals / Conferences. ● Monetary incentives and awards are instituted for faculty and staff for presenting papers in journals and presenting papers at various national and international conferences. ● 4 Faculty registered for Ph.D. ● Faculty and students are motivated to publish research papers in peer reviewed National and International Journals ● Seed money is given to faculty members for undertaking research activities.

- Sharing of 50% of the consulting revenue to the consultancy team.
- The Institute sponsors candidates pursuing higher education and grants study leave, duty leave wherever applicable.
- The Institute provides financial assistance for attending seminars conferences, workshops in India and abroad.
- The institute gives away monetary awards to faculty publishing research articles in journal of repute.
- The Institute provides a platform for faculty to take up research endeavors through its MOUs with prominent research organizations like and so on.
- Regular training programs are conducted for the staff for knowledge up gradation and skill development.
- Effective performance appraisal system for assessing their performance for future career growth.

❖ **Library, ICT and Physical Infrastructure / Instrumentation**

Library

- Every year new books and journals are added in the Central library as per the recommendations of faculty, students and norms.
- E-Lib Software is provided for personal assistance to each and every user while accessing the library books.
- DELNET, NPTEL software's are also present in the library and Dept. library.
- Digital library has also been set up for the convenience of the students and staff to enable them to refer to e-journals.
- Every department has individual white board, LCD projector in every class room, system with internet connection

Added features:

- Fully computerized bar-coded circulation services
- On-site use to Textbooks, Reference books Back volumes and Print/Online journals inside the library
- Reference Services (Encyclopedia, Dictionary, Year-books, Handbooks and Previous year question papers)
- On-line full text access to international journals
- DELNET (Developing Library Network) Service
- Open Access System
- CCTV surveillance system
- Display of information regarding new arrivals
- Current Awareness Service

ICT Infrastructure

LCD projectors, Desktops, printers, Internet switches, UPS, application software and systems software's in adequate numbers as per and above norms are available throughout the Institute.

Features of IT infrastructure

- 100 Mbps Mesh topology campus OFC network provided.
- Completely Wi-Fi in campus with Wireless Access points.
- 100 Mbps Bandwidth for internet with dedicated leased line.
- 250+ systems supported by Servers.

Physical Infrastructure

The institute has adequate infrastructure which includes, seminar halls equipped with projector with seating capacity of 300-400 members, Faculty rooms, Meeting rooms, Office, Class rooms, Tutorial rooms, Girls common rooms, Laboratories equipped with necessary hardware and software, communication Laboratory, Research Laboratory, Library, Internet and Wi-Fi facility in the entire building.

Internet facilities

The Institute has a dedicated Internet Leased line of 100 Mbps for Students and Staff available 24 hours free to access.

Wi-Fi facilities

The Institute is also covered with a 24 hour Wi-Fi network which is available for access throughout the campus including the hostels and canteen.

Sports

The institute has several sports facilities like Gym., Play grounds for the games like Football, Basket Ball, Shuttle are separately available.

❖ Human Resource Management

Institute has different committees System to look after various domains. Coordinator of Training, Placement and Industry Interaction, Coordinator Research & Development, and Coordinator Admissions, Publicity and Protocol. There are Heads of Departments(HODs) to look after the Department and faculty and non-teaching staff comes under HOD. Classes are managed by the teachers appointed as Class Co-ordinator. Registrar is head of the office staff. Librarian is head of the library staff.

❖ Industry Interaction / Collaboration**Efforts by Training and Placement office**

- The Institute has linkages with various Industries.
- The Training, Placement and Industry Interaction visit various companies for interaction and extending invites for campus visits.
- Top executives and entrepreneurs are invited for interactions with students and faculty.
- Feedbacks from employers and companies visiting for campus recruitment is solicited for inputs on efforts to be undertaken for improving employability of the students.

Efforts by Industry Institute Interaction cell

- The Institute has formed an Industry Institute Interaction cell (IIIC) with the aim of fostering better industry institute interactions. The Industry Institute Interaction cell (IIIC) strives to enhance industry interaction with students and bridge the gap between academic and corporate world.
- The following activities are regularly followed to enhance IIIC activities
 - Final year students are encouraged to do Industry oriented projects.
 - Final year students are encouraged to vocational training.

❖ Admission of Students

- Admission process is conducted by State Government as per Govt. Rules and norms of AICTE are followed.
- The Institute invites schools to come and visit the Institute and its laboratories to create awareness about technology and engineering education.
- The eminent faculty from institute visit various colleges for career guidance sessions to empower students to make informed decisions about their future education and career.

6.2.2: Implementation of e-governance in areas of operations:**❖ Planning and Development**

Institute has well effective e-governance system. Institute has adopted ERP system in which student's daily attendance, feedback is stored. It also helps to distribute learning materials important notices, for higher classes online tests are conducted through Moodle.

In this digital era WhatsApp groups are created for every class, important notices, learning material, assignments are communicated through it. Faculty communicate through MS outlook express in simple manner institute is marching towards paper to paperless.

❖ Administration

The Administration of the College is functions with E-governance system at Government (Directorate of Technical Education, Maharashtra), Society and College level. Even though the college is established in Solapur city, which is cover under urban & rural areas of Solapur district still the college tries their best to keep in touch with latest tools of administration with available tools in hand. With the help of developed technological world college staff uses the same for administration purpose. Such as use of Smartphone with inbuilt social app like Gmail and WhatsApp they share the notes to students. It helps to provide the brief notice of any event to be happened on college WhatsApp Group for awareness and of smooth functioning of the same. For official communication there is a core WhatsApp group, and also agpit.edu.in outlook is used. The college have Biometric attendance for teaching and non-teaching staff. The college campus id equipped with CCTV Cameras at very place of need.

❖ Finance and Accounts

The college uses the Smart school software for E-governance for transparent functioning of Finance and Accounts department of the college. This helps to increase the efficiency of staff towards the accuracy in financial transactions. The college conducts regular audit of annual books of accounts. The administrative office keeps the all financial records separately as per the events and transactions made for. The administrative office maintains the Books of Accounts properly which helps in auditing procedure.

❖ Student Admission and Support

The most important key factor of the college toward the student's admission and support is that college has system which allows the student to take admission at nominal fees at the initial stage of admission process of every academic year. This is the one of the important thing which supports some students those are facing financial issues. College has extended helping counter for the students which provides them several services as such Admission Form-filling, Examination form filling as well as Scholarship Form filling at one place only. This service counter protects the students from outside service centre where they need pay fees for it. The Helping counter i.e. service centre provided at college is free of cost. The College has provided the facility to the students for linking the contact number with Aadhar card which was mandatory for the students as per the government rule.

❖ Examination

The College has the separate Examination department for examination purpose. As per the requirement of Examination department all the necessary equipments are provided by the college such as separate Desktop and Internet Facility for online procedure of Paper Downloading and further activities for exam purpose. The examination department has the separate Machine for printing the question papers downloaded from university portal. As per university regulation the Examination First year of All branches need to conduct at college level for which College has running the examination procedure for all year students.

6.3 Faculty Empowerment Strategies					
6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year					
Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support	
2017-18	Prof. R.B. Kulkarni	1. Faculty Training on Students' Induction Training Program (3 Day)	---	1200/-	
2017-18	Prof. Anil Kannur	2. Faculty Training on Students' Induction Training Program (3 Day)	---	1200/-	
2017-18	Prof. R.B. Kulkarni	3. Faculty Training on Students' Induction Training Program (7 Day)	---	1200/-	
6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non-teaching staff during the year					
Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
2018	Implementation of Brigit app	How to use Brigit app	23/03/2018	50	15
6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year					
Title of the professional development programme		Number of teachers who attended		Date and Duration (from – to)	
4. Faculty Training on Students' Induction Training Program		02		28/06/2018-30/06 2018 (03 days)	
5. Faculty Training on Students' Induction Training Program		01		19/07/2018-25/07/ 2018 (07 days)	
6. How to prepare video lectures		02		25/08/2018 (01 day)	
7. NPTEL Training Program		01		07/12/2018 (01 day)	
6.3.4 Faculty and Staff recruitment (no. for permanent/fulltime recruitment):					
Teaching			Non-teaching		
Permanent	Fulltime		Permanent	Fulltime/temporary	
51	51		35	35	

6.3.5 Welfare schemes for:	
Teaching	PF, Gratuity, Medical facility, Cash incentive for paper presentation, Group insurance, accidental insurance
Non-teaching	Medical facility, Loan facility, Group insurance, accidental insurance
Students	Merit Scholarship, accidental insurance

6.4 Financial Management and Resource Mobilization: office

6.4.1 Institution conducts internal and external financial audits regularly

The institute has a mechanism for internal and external audit. We have our own internal audit mechanism where internal audit is an ongoing continuous process in addition to the external auditors to verify and certify the entire Income and Expenditure and the Capital Expenditure of the Institute each year. Qualified Internal Auditors from external resources have been permanently appointed and a team of staff under them do a thorough check and verification of all vouchers of the transactions that are carried out in each financial year. Likewise, an external audit is also carried out on an elaborate way on quarterly basis. The institutional accounts are audited regularly by both Internal and statutory audits. So far there have been no major findings / objections. Minor errors or omissions and commissions when pointed out by the audit team are immediately corrected / rectified and precautionary steps are taken to avoid recurrence of such errors in future. The institute regularly follows Internal & external financial audit system.

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

Name of the non-government funding agencies/ individuals	Funds/ Grants received in Rs.	Purpose
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6.4.3 Total corpus fund generated NIL

6.5 Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	LIC, Solapur University, Solapur, DBATU	Yes	Academic Audit Committee
Administrative	Yes	LIC, Solapur University, Solapur, DBATU	Yes	Principal, Vice- Principal

6.5.2 Activities and support from the Parent – Teacher Association

- PTA - conducted every semester
- Parent - Teacher association feedback is taken on all aspects
- Awareness programme on health care
- Awareness programme on Social care
- Registered active PTA in place
- PTA meetings to discuss issues concerning students.
- Social service activities were undertaken by PTA.

6.5.3 Development programmes for support staff (at least three)

- Communication class
- Computer Literacy programme
- Primary key handling training
- Hospital medical care services.
- In house training of support staff to promote for cadre elevation
- Non-teaching staff trained in office management skills based on QMS

6.5.4 Post Accreditation initiative(s)

- Research Cell established to foster academic research among staff and students;
- Introduction of skill/capability enhancement certificate courses
- Enhanced use of ICT by faculty in the teaching-learning process
- Initiatives for a green campus - solar electricity; barrier free campus-ramps, toilet for persons.

6.5.5

a. Submission of Data for AISHE portal: (Yes /No) Yes

b. Participation in NIRF: (Yes /No) Yes

c. ISO Certification: (Yes /No) Yes

c. ISO Certification: (Yes /No) Yes,

6.5.6 Number of Quality Initiatives undertaken during the year:

- Rain harvesting system
- No Vehicle Day
- Roof top Solar Farming
- Plastic Free Zone Campaign
- Paperless initiative.
- Green campus initiative, Green audit, energy audit.
- Use of shared printers.
- Initiative to conserve energy by promoting switching of lights, fans and computer monitors among staff

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES**7.1 - Institutional Values and Social Responsibilities****7.1.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)**

Title of the programme	Period (from-to)	Participants	
		Female	Male
.....

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:**Solar Power Plant****Percentage of power requirement of the College met by the renewable energy sources**

30% Percentage of power requirement of the College met by the renewable energy sources.

Solar panel are installed on the campus rooftops to harness solar energy, the present solar panels generate energy equivalent to 50 KW.

7.1.3 Differently abled (Divyang-jan) friendliness		
Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	Yes
Provision for lift	Yes
Ramp/ Rails	Yes
Braille Software/facilities	No
Rest Rooms	Yes
Scribes for examination	Yes	01
Special skill development for differently abled students
Any other similar facility	Yes	02

7.1.4 Inclusion and Situatedness

Enlist most important initiatives taken to address locational advantages and disadvantages during the year

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
2017-18	6	6	December 2017 January 2018	Entrance Exam (CET, JEE) Awareness programme	CET and JEE awareness	1500 + 20
2018-19	7	7	December 2018 January 2019	Entrance Exam (CET, JEE) Awareness programme	CET and JEE awareness	1600 + 20

7.1.5 Human Values and Professional Ethics

[http://www.agpit.edu.in/download/IQAC/POLICY%20Manual\(13-6-17-june\).pdf](http://www.agpit.edu.in/download/IQAC/POLICY%20Manual(13-6-17-june).pdf)

Code of conduct (handbooks) for various stakeholders

Title	Date of Publication	Follow up (maximum 100 words each)
Human Resources Policy manual	16/02/2013	If any situation arises regarding various policies that is discussed in meetings of Board of Governances and IQAC and changes as per circumstances are made.
Maintenance Policy	16/02/2013	
Research and consultancy policy	16/02/2013	
Library Policy	16/02/2013	
Hostel and guest room policy	16/02/2013	
IT policy	16/02/2013	
Grievance Redressal Policy	16/02/2013	
Suggestion Box Policy	16/02/2013	
AGTECHFEST Policy	16/02/2013	
Co-curricular Activity Policy	16/02/2013	
Cultural Event Policy	16/02/2013	
Students Association Policy	16/02/2013	
Training and Placement cell policy	15/02/2014	
Sangini Womens' Cell	20/09/2014	
IQAC policy Manual	21/02/2015	
VSAT Facility Policy	18/02/2016	

7.1.6 Activities conducted for promotion of universal Values and Ethics		
Activity	Duration (from-----to-----)	Number of participants
Induction Program for first year	1/08/2018 to 18/08/2018	75

7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)
1. Tree Plantation <ul style="list-style-type: none"> • During Induction Program for first Year • Tree Plantation by NSS
2. No Vehicle day (every year on 16 September)
3. Plastic free campus
4. Use of renewable (solar) energy
5. Vermicomposting Pit.
7.2 Best Practices
Describe at least two institutional best practices Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link http://www.agpit.edu.in/download/IQAC/Best%20Practices%20New.pdf
1. Entrepreneur Development Program
2. Rainwater Harvesting

7.3 Institutional Distinctiveness
Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust. Provide the web link of the institution in not more than 500 words. http://www.agpit.edu.in/download/IQAC/Academic%20monitoring.pdf
Objective of the college is to provide quality education in engineering to the students from various parts of the society, to make them academically and globally competent. This objective is clearly reflected in the mission & vision statement. The college believes that professionals of this college should be not only academically sound but should also have values and strong professional ethics.
The institute adheres to the university curriculum through a well-planned and documented process. The Teaching and Learning process is being focused by following the major steps below:
1. Academic Calendar - states the activities of the students during semester. Academic monitoring committee prepares the academic calendar (DBATU academic calendar is taken as reference for First year and second year) prior to the semester.
2. Preparation of teaching plan: Faculty prepares teaching plan before the commencement of semester that helps in adoption of teaching methodology in advance and better outcome from students.
3. ERP software is used to maintain daily attendance of students and syllabus coverage.
3. The e-resources are used efficiently for the enhancement of skills.
4.Regular meeting of Academic Monitoring Committee: The review of academic progress, student's attendance and review of syllabus completion status as per academic calendar is carried out.
2.Student's feedback for faculty is taken through ERP system
3.Club activities (Sangini)
4.Well-equipped library
5.Healthy work culture

6. Expert Lectures and Industrial Visits are arranged.

7. Internet and Wi-Fi facility are provided to faculty and students for upgrading and adopting recent subject knowledge.

Activity based learning:

The institute focuses on the Mentor-Mentee relations, where the faculties are allotted few students, who take care of the students in his/her academics, problems, acting as a counsellor and a guide. They encourage their students to actively participate in various activities of the institute.

Workshops, internship, guest lectures, presentations, group discussions, conferences/seminars etc. are arranged from time to time apart from regular class room learning. Alumni, students, faculty, staff etc. feedback is conducted to enhance in the quality of learning.

Students actively participate in all the events conducted by the institute leading to leadership and team building qualities.

Societal and cultural development:

Students are encouraged to participate in social activities like, Traffic Day, Blood donation camp, swacchh bharat abhiyaan, educating the under privileged, cashless transaction drive hence showing the bond and responsibility towards the society.

Prof. V.V. Potdar
Director IQAC

Principal