



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

1. Name of the Institution	PAAVAI ENGINEERING COLLEGE
Name of the head of the Institution	Dr M Premkumar
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04286243038
Mobile no.	9965466888
Registered Email	pecprincipal@paavai.edu.in
Alternate Email	directoradmin@paavai.edu.in
Address	NH44, Paavai Nagar, Pachal
City/Town	Namakkal
State/UT	Tamil Nadu
Pincode	637018

#### 2. Institutional Status

Autonomous Status (Provide date of Conformant of Autonomous Status)	22-Jun-2015																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	Self financed																		
Name of the IQAC co-ordinator/Director	Dr M Selvi																		
Phone no/Alternate Phone no.	04286243038																		
Mobile no.	9688520888																		
Registered Email	peciqac@paavai.edu.in																		
Alternate Email	deanacademics@paavai.edu.in																		
<b>3. Website Address</b>																			
Web-link of the AQAR: (Previous Academic Year)	<a href="https://pec.paavai.edu.in/wp-content/uploads/2019/11/2017-2018aqar.pdf">https://pec.paavai.edu.in/wp-content/uploads/2019/11/2017-2018aqar.pdf</a>																		
<b>4. Whether Academic Calendar prepared during the year</b>	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="https://pec.paavai.edu.in/category/2018-2019/">https://pec.paavai.edu.in/category/2018-2019/</a>																		
<b>5. Accrediation Details</b>																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> <td>3.14</td> <td>2015</td> <td>03-Mar-2015</td> <td>31-Dec-2020</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.14	2015	03-Mar-2015	31-Dec-2020
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	A	3.14	2015	03-Mar-2015	31-Dec-2020														
<b>6. Date of Establishment of IQAC</b>			01-Jun-2015																
<b>7. Internal Quality Assurance System</b>																			
<table border="1"> <thead> <tr> <th colspan="3">Quality initiatives by IQAC during the year for promoting quality culture</th> </tr> <tr> <th>Item /Title of the quality initiative by IQAC</th> <th>Date &amp; Duration</th> <th>Number of participants/ beneficiaries</th> </tr> </thead> <tbody> <tr> <td>Academic Audit Details</td> <td>21-Jun-2018 3</td> <td>25</td> </tr> </tbody> </table>						Quality initiatives by IQAC during the year for promoting quality culture			Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries	Academic Audit Details	21-Jun-2018 3	25					
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Academic Audit Details	21-Jun-2018 3	25																	

Pedagogy Training Programme	19-Nov-2018 10	125
IQAC Meeting(Odd)	16-Jun-2018 1	20
IQAC Meeting(Odd)	17-Sep-2018 1	20
IQAC Meeting(Even)	03-Dec-2018 1	20
IQAC Meeting(Even)	30-Mar-2019 1	20
No Files Uploaded !!!		

**8. Provide the list of Special Status conferred 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
Faculty	Workshop	CSIR	2019 2	35000
Faculty	Workshop	CSIR	2019 3	35000
Faculty	Seminar	CSIR	2018 3	35000
Faculty	Seminar	CSIR	2018 1	30000
Faculty & Students	Student Projects Scheme	TNSCST	2019 90	7500
Faculty & Students	Student Projects Scheme	TNSCST	2019 90	7500
<a href="#">View File</a>				

<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	4
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No

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

Promote Internship Culture among student's Community Train the students in new technology as per industry requirement Teach the Foreign Languages Teaching and Learning - Orientation Refresher Courses Department wise strategic plan activities are being planned and closely monitored

No Files Uploaded !!!

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

Plan of Action	Achivements/Outcomes
To introduce new UG programs for the year 2018	New UG programmes on Bio Medical ,Medical Electronics , Food Technology and Pharmaceutical Engineering were introduced during the year 2018
To organize two pedagogy training programs for new recruited and senior faculties	Two pedagogy training programmes were conducted for new recruited and senior faculties
To ensure proper utilization of moodle, blackboard, LMS and LCS by all teaching faculty	All the faculty members have utilized moodle , blackboard, LMS and LCS.
To promote the Internship culture to student's Community	Achieved and received "Best Innovative College-South Zone" award during Internship day from AICTE-Internshala at AICTE Head Quarters ,New Delhi on 25.08.2018
To encourage to do more events through Professional Societies	Achieved and Received "Best Student Chapter-2018 "Award from ISTE TN during ISTE TN Convention
No Files Uploaded !!!	

**14. Whether AQAR was placed before statutory body ?**

Yes

Name of Statutory Body	Meeting Date
Academic Council Meeting	06-Jun-2018

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

No

**16. Whether institutional data submitted to AISHE:**

Yes

Year of Submission

2018

Date of Submission	22-Nov-2018
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>Yes, Paavai Engineering College has a management information system whereby the process of information flow is systematized and channeled properly. We developed our own management information system, where faculty data base is managed through customized software. The software is used to maintain a complete record of teaching learning process and student activities in both academic and non academic contexts. This maintains digital records of students profile and faculty profile like personal details of every student and staff, students' performance in various evaluation process like tests, model and university exam, daily attendance, counselling mentor reports, cocurricular, extracurricular achievements of the students and faculty members . For examination, a separate software is used to maintain records of the students. Faculty can enter Question based marks through this module. Mark entry, End Semester Results ,Sending the End semester results to parents , Practical Exam , External Project PG External Lab Mark Report , Internal Mark Report Marks Consolidate Report, Sem Exam result publishing , Course Registration , Course Unregistered students, department/year wise Report ,OCC/Elective course , Practical Marks Staff Course Details, Course Feedback and Open Elective selection. This module is programmed in such a way to manage OBE based curriculum, attendance, conduct of formative and summative examinations, valuation and evaluation of attainment of POs, PSOs and COs.Bulk ,invigilation schedule for formative and summative examinations, special events and programmes to larger groups. Library is automated with Modern Lib software auto disc and facilitates monitoring of book issued to staff and students. The module has been developed by our students under the guidance of our faculty, in</p>

managing the Bus management system. Provisions have been made in the college website to students, parents, alumni and other stakeholders for offering structured feedback. A staff group in Whatsapp has been created with Principal as admin to communicate instant messages. The Institution has an exclusive Software through which the administrative work, academic matters are being carried out. The Hostel is also enabled with an exclusive Software which is developed by our students under the guidance of the faculty, through which the student attendance is monitored, the out pass for the students are issued,. The website of the college is maintained by the college and is updated on the daily basis. The website consists of Profile of the Institution, Profile of the Management, Courses offered, Department Profile, Faculty Profile, COE Correspondence, Sports Information, Extra Curricular activities, Achievement of the student and the faculty members, Functions and Recent Programmes. The students can check their exam schedule, and check their exam result through the website. The teaching and learning resources are shard in moodle.

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
No Data Entered/Not Applicable !!!			
<a href="#">View File</a>			

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
No Data Entered/Not Applicable !!!				
<a href="#">View File</a>				

#### 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	BioMedical Engineering	15/05/2018

BE	Medical Electronics	15/05/2018
BTech	Food Technology	15/05/2018
BTech	Pharmaceutical Technology	15/05/2018
No file uploaded.		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Aeronautical Engineering	11/06/2018
BE	Agricultural Engineering	11/06/2018
BE	Civil Engineering	11/06/2018
BE	Computer Science and Engineering	11/06/2018
BE	Electronics and Communication Engineering	11/06/2018
BE	Electrical and Electronics Engineering	11/06/2018
BE	Mechanical Engineering	11/06/2018
BE	Mechatronics Engineering	11/06/2018
BTech	Chemical Engineering	11/06/2018
BTech	Information Technology	11/06/2018
MBA	Master of Business Administration	25/06/2018
MCA	Master of Computer Application	25/06/2018
ME	Computer Science and Engineering	25/06/2018
ME	Communication systems	25/06/2018
ME	Engineering Design	25/06/2018
ME	Power system engineering	25/06/2018
ME	Structural Engineering	25/06/2018

### 1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
No Data Entered/Not Applicable !!!		
<a href="#">View File</a>		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
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No Data Entered/Not Applicable !!!

[View File](#)

## 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

### Feedback Obtained

Feedback mechanism is an important aspect of any system of education. The institution is made developed by making the curriculum and syllabi dynamic by the involvement of all the stakeholders and experts in the concerned field of studies. The modifications and redesign of curriculum is based on the recent developments and feedback from all the stakeholders. Feedbacks regarding curricular aspects usually received from Alumni, Industry experts and Academicians, students on every semester and are reviewed by the BOS Sub-committee members. These inputs will be discussed at the department level with faculty members and students. The feedback constitutes inputs and guidance from industry experts, experts' obtained from recognized academic institutions (NITs, IITs, etc.), feedback from DAC and from different Surveys (Course End Survey, Graduate Exit Survey, Alumni Survey). For foundation courses in Engineering, committees are formed in all departments. Relevant and constructive suggestions related to the courses are considered for inclusion in the curriculum. The sub- committees shall be involved in the development of the curriculum and syllabi for the foundation courses in the areas of Humanities and Sciences (including English and Management), Basic Sciences, Mathematics, Engineering Sciences and Soft skills Aptitude. Based on feedbacks obtained from the various stakeholders through interactions / questionnaires / interviews / meetings, the sub-committee will finalize the curricula. The finalized curricula and syllabi of various semesters in a department will be presented and discussed in the Board of studies (BOS) meetings concerned for its recommendation for Academic Council approval. The recommendation given in the BOS meetings will be approved in the Academic Council meeting conducted once in an academic year. The Academic council shall approve the academic regulations, curricula, syllabi and modifications, instructional and evaluation arrangements, methods, procedures etc relevant to academic and research area. The Academic council approval shall be presented in the Governing body meeting of the college conducted once in an academic year. The approval given by academic council shall be presented, discussed and approved in the governing body for effective implementation of the same. The curricular aspects based on industry needs will be highly useful for career growth of the students in a better manner. The institution collects structured feedback from all the stakeholders on the curriculum development, teaching learning processes, infrastructure, course outcome attainment, programme outcome attainment, outcome based education etc. Feedback from students is obtained on teaching learning processes during the progression, middle and end of the course and in each semester during class committee meetings and meetings conducted by the HoDs and Principal. The feedback is analysed and remedial actions are carried out to improve lecture delivery mechanism. Remedial classes are arranged to improve the performance of the students who need special attention. Every



semester feedback obtained from teachers about the curriculum and infrastructure improvement. The feedback is analysed and the required changes are made in curriculum and new equipments if needed are purchased to enhance teaching learning process and research. Through online forms and in person feedback is obtained from employers about the program outcome attainment and

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
No Data Entered/Not Applicable !!!				
<a href="#">View File</a>				

### 2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	3310	197	84	24	224

### 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
332	332	3	35	8	5
<a href="#">View File of ICT Tools and resources</a>					
<a href="#">View File of E-resources and techniques used</a>					

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

Yes, The institute is following a well structured mentoring system which is benefiting the students not only in academic matters but also in their personal life. The objective of mentoring system is to provide supportive care, advice, and act as a facilitator between the students and parents. In Paavai Engineering college we follow mentoring system to develop the students in various spheres like academic, Soft skills, innovative projects, Social awareness, Cultural activities, Sports and any other special talent the students may possess. . A constant interaction is happening between the mentor and the mentee in order to bring out a holistic development in the student. Mentors frequently meet and interact to guide, to advice, and to support the mentee Each faculty is allotted with twenty students to monitor their progress continuously throughout a semester and provide inputs to them to improve. For example, academically weak students are given continuous coaching by the subject faculty through test and coaching classes. Academically well performing students and lack in communication skills are instructed accordingly by the mentor to attend training programs, paper presentations, workshops, seminars, webinars, NPTEL, OSS and using internet sources to expose them to resource available around to improve the required skill and guide them properly. Parents will be informed if the student attendance and the academic performance are not good. Academic Review Meeting (ARM) is conducted once in a semester to discuss about the performance of the learners with their parents and also to establish a bonding among stakeholders, The mentors maintain and update student information records with the attendance information, performance in the internal assessment, and performance in the End semester examinations. The academic and the non academic performance of the mentees are regularly monitored and updated by the mentors to the needy parents. Mentors

communicate each and every development and progress happening in the students through phone. The mentor meets all the students under his/her care once a week without fail. Students may also meet whenever the need arises and discuss their problems with their respective mentors. Mentoring is an ancient Indian culture, which nurtures the values and tradition, and Paavai engineering college is practicing it in generalized and specialized forms. General mentoring: In the beginning of the academic career of all students are given an orientation towards the educational system practiced in college in general and uniqueness of the College. Series of lectures and programmes are organized to the vision and mission of the college and to enhance character building, nation building, Indian values, ethics and citizenship. Apart from these activities, mentoring of students is also done to bring their hidden talents like singing, dancing, drawing and other cultural activities by giving them platforms like cultural functions, annual day functions, ASTRA and also encouraging them to take part in competitions. Mentors are also involved in bringing out innovative projects from the students by encouraging them to attend the innovative project competition like HACKATHON's held in various places by the government to realise "Make in India" by encouraging new innovative

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3507	332	1:11

## 2.4 – Teacher Profile and Quality

### 2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
290	332	Nill	52	42

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
No Data Entered/Not Applicable !!!			
<a href="#">View File</a>			

## 2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
No Data Entered/Not Applicable !!!				
<a href="#">View File</a>				

### 2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nill	3507	0

## 2.6 – Student Performance and Learning Outcomes

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

<https://coe.paavai.edu.in/curriculum-syllabus/r2016-regulations/>

## 2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
No Data Entered/Not Applicable !!!					
<a href="#">View File</a>					

## 2.7 – Student Satisfaction Survey

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

<https://pec.paavai.edu.in/igac/ssss>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

Yes
Name of the teacher getting seed money
Nill
<a href="#">View File</a>

3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
No Data Entered/Not Applicable !!!				
<a href="#">View File</a>				

### 3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
No Data Entered/Not Applicable !!!				
<a href="#">View File</a>				

3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

0.09

### 3.3 – Innovation Ecosystem

3.3.1 – 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
---------------------------	-------------------	------

No Data Entered/Not Applicable !!!

[View File](#)

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No Data Entered/Not Applicable !!!				
<a href="#">View File</a>				

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

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

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Agriculture Engineering	1
Computer Science and Engineering	2
Electronics and Communication Engineering	2
Mechanical Engineering	2
Mechatronics Engineering	1
Chemical Engineering	1
Information Technology	1
Master of Computer Application	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
No Data Entered/Not Applicable !!!			
<a href="#">View File</a>			

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

Department	Number of Publication
No Data Entered/Not Applicable !!!	
<a href="#">View File</a>	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Design of Progressive Tool	Published	201941011457	05/04/2019
Wheazes Problem Detecting Device	Published	201841036882	12/10/2018
Vehicle Braking System in Hill	Published	201841038947	19/10/2018

Station							
No file uploaded.							
3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index							
Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation	
No Data Entered/Not Applicable !!!							
<a href="#">View File</a>							
3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)							
Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication	
No Data Entered/Not Applicable !!!							
<a href="#">View File</a>							
3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year							
Number of Faculty	International	National	State	Local			
Attended/Seminars/Workshops	4	138	8	1			
Presented papers	49	10	2	2			
Resource persons	1	2	4	4			
<a href="#">View File</a>							
3.5 – Consultancy							
3.5.1 – Revenue generated from Consultancy during the year							
Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)				
No Data Entered/Not Applicable !!!							
<a href="#">View File</a>							
3.5.2 – Revenue generated from Corporate Training by the institution during the year							
Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees			
No Data Entered/Not Applicable !!!							
<a href="#">View File</a>							
3.6 – Extension Activities							
3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year							
Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities				

No Data Entered/Not Applicable !!!

[View File](#)

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

Name of the activity	Award/Acknowledgement	Awarding Bodies	Number of students Benefited
No Data Entered/Not Applicable !!!			
<a href="#">View File</a>			

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!				
<a href="#">View File</a>				

### 3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
<a href="#">View File</a>			

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					
<a href="#">View File</a>					

3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
No Data Entered/Not Applicable !!!			
<a href="#">View File</a>			

## 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
312	311.22

#### 4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
<a href="#">View File</a>	

### 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
AUTOLIB	Fully	2.1	2017

#### 4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			
<a href="#">View File</a>			

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
<a href="#">View File</a>			

### 4.3 – IT Infrastructure

#### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	1244	520	60	18	120	95	400	70	31
Added	30	7	0	0	0	2	15	60	6
Total	1274	527	60	18	120	97	415	130	37

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

130 MBPS/ GBPS
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#### 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
Paavai Moodle	<a href="https://moodle.paavai.edu.in/login/index.php">https://moodle.paavai.edu.in/login/index.php</a>

### 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	Expenditure incurred on	Assigned budget on	Expenditure incurred on
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academic facilities	maintenance of academic facilities	physical facilities	maintenance of physical facilities
182	181.22	412	411.22

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)

Paavai engineering college has a dedicated systems and procedures for maintaining and utilizing physical infrastructure like class rooms, administrative buildings, laboratories, sports facilities and other physical assets including the services like water supply and electric supply. These activities are headed by the Estate officers who leads a team of dedicated engineers, technical staff and other supporting staff under the categories of civil, mechanical and electrical engineering. This team also looks after the provisioning and maintenance of furniture in the buildings, class rooms and laboratories. Complaint on maintenance can be lodged through emails as well as manually. The mail ids to which the complaints can be sent are displayed throughout the campus in prominent locations. Usage of central facilities like seminar halls and auditorium is controlled by Audio visual department. Purchase of equipment (other than computers) including program specific software and hardware and their maintenance in laboratories are carried out by the respective department to which they belong. The entire computer infrastructure including purchase, maintenance and disposal is vested with the team formed by Principal, computer maintenance department and System admin and other technical staff. This team looks after the hardware, general purpose software and networking requirement of the entire campus. Allotment of department wise classroom block and individual classrooms for respective Class students by the team headed by the Principal and head of the departments respectively. Readiness of Projector screens in classrooms, ICT board with stylus checked by system Audio visual dept. Arrangement/Repair of student's Desks and teacher's desks/tables will take care by department furniture incharge. Repair of existing electrical outlets Light bulb replacement of a class room will take care by the Technician/system Administrator of respective department. Ventilation/Window repairs/treatments by institution technicians. Routine services or maintenance will be done by house keepers. Students and teachers are responsible for keeping the classroom clean and tidy. Maintain the teaching equipment inventory list and calibration schedule and to verify calibrations/performance checks in each laboratory will take care by the lab incharge. Lab technicians are responsible for maintaining the Analytical equipment inventory list and calibration schedule and to verify calibrations/performance checks in each laboratory. Teaching equipment should have an Annual Maintenance Contract (AMC) from the authorized local sponsor. The AMC shall be revised and renewed yearly carried out by the lab instructors. Equipment Calibration/Maintenance log has to be filled and signed and kept in file in HoD office and a copy in the lab in-charges . Deficiency / updation on hardware / software will bring to the notice of HoD by the teaching assistants and lab technicians. List of the required lab tools that will be used in the next academic year, in order to get them before the due date to bring the notice of HoD by the lab incharges. Proper forms like equipment list has to be maintained for conducting labs both inter and intra department and Housekeeping register has to be maintained for laboratories, by the lab technician and lab co-ordinator. Utilization of physical facilities: The Optimum utilization of classrooms is

<https://pec.paavai.edu.in/about-us-2/policies-and-code-of-conduct/>

## 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	Paavai Varam Educational Trust (Management Scholarship)	407	22308500
Financial Support from Other Sources			
a) National	Government Scholarships	2139	52739335
b) International	Nil	Nil	Nil
No file uploaded.			

### 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
No Data Entered/Not Applicable !!!			
<a href="#">View File</a>			

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
No Data Entered/Not Applicable !!!					
<a href="#">View File</a>					

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
9	9	3

## 5.2 – Student Progression

### 5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
ABCO India Pvt Ltd	66	1	Sri Ram Transport Finance Co Ltd.	5	1
<a href="#">View File</a>					

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	1	BE	Electronics and Communication Engineering	Sona College of Engineering-Salem	M.B.A
2019	1	BE	Electronics and Communication Engineering	Christ University-Bangalore	M.B.A
2019	1	BE	Electronics and Communication Engineering	Bishop Heber-Trichy	M.B.A
2019	1	BE	Electronics and Communication Engineering	Yuan Ze University, Taiwan	M.S
2019	1	BE	Electronics and Communication Engineering	Yuan Ze University, Taiwan	M.S
2019	1	BE	Agriculture Engineering	Anna University, Chennai	M.E
2019	3	BE	Civil Engineering	AVS Engineering College, salem	M.E
2019	1	BE	Civil Engineering	KSR College of Engineering, Tiruchengode	M.E
2019	1	BE	Computer Science and Engineering	SRM University	M.B.A
2019	1	BE	Computer Science and Engineering	Selvam College of Technology	M.Tech

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

Items	Number of students selected/ qualifying
<b>GATE</b>	16

Any Other	10
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#### 5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Anna University Inter Zonal Level Fencing Men Women Tournament	Zonal Level	400
Erode Regional Level RDG Sports and Games	Regional Level	182
Anna University Inter Zonal Level Handball Men Tournament	Zonal Level	74
District Level Pre Sports Meet	District Level	230
<a href="#">View File</a>		

### 5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Third	National	1	Nill	16105100	PRIYANKA.A
2019	Second	National	1	Nill	16103013	DHARMENDRA VIJAYA RAJ. G
2019	Gold	National	1	Nill	17103027	SANJUVAR MAN. G
2019	First	National	Nill	1	15201301	S.Ajayku mar
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#### 5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Our college has an active student council with representation from all the programmes. It is a body of students, for the students and works to ensure that every student gets the best possible college experience. The student council helps the students to actively participate in the development of their career, personality and organizational skills through interactive programs with the faculty, administration and society. The goal of the student council is to provide a common platform to students for showcasing their talents and skills through co-curricular and extra-curricular activities. Students are given complete freedom to discuss and express their genuine views on any point which is taken for the discussion regarding academics and non-academics matters. Therefore, various committees are framed for the smooth and efficient functioning of various events and activities. The 6 Committees of our Institution include, Discipline committee, , Health and hygiene committee, Hostel committee, Event management committee, Cultural committee, and Gardening committee. The president and vice-president of each committee were inducted

along with student volunteers who initiate the execution of roles of that particular committee. The members of the committees along with their heads, framed the objectives of their particular committee, the roles and responsibilities of the committee were determined, and ready to execute the task allotted. The review of the committee is being conducted periodically. The committees will have complete autonomy in the performance of their tasks. In order to improve the work efficiency of the various committees, the incharge faculty will make allocations of clerical, infrastructural and supporting staff assistance if and whenever required by the committees. In Class Committee Meeting, Students are held responsible in providing the feedback about teaching-learning process in class committee meeting. Six Students belonging to below average, average and above average category are the members of the class committee. Apart from giving their feedback the students are also involved in the following association bodies of the institution-Department Association - Every department in our institution have their own association through which the students are allowed to organize several events like workshop, seminars, technical contest , symposiums, conference, etc. The students were given responsibility as secretary, joint secretary and treasurer to organize various department functions. Students act as office bearers of the association. In the Board of Studies, Students play a significant role as a stakeholder to provide curriculum feedback in order to modify the syllabi for the upcoming regulations. Apart from these committees and associations, there are various clubs where Students participate and organize various activities in the following clubs: Trekking club, Environmental club photography club, aura and sparism club , Energy club, web development, animation club, programming club, zion club, Data science, IoT club, coders club, English club, Maths forum, Health and hygiene club to develop their technical and soft skills.

## 5.4 – Alumni Engagement

### 5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes, the Alumni association of Paavai Engineering College has been functioning since 2005. The Alumni Association works as an interface for maintaining the relationship with the alumni and to involve them in the development and growth of the institution. The main aim of the Association is to maintain the link between the college and Alumni and share the details of their employment and achievements. It was also formed with a view to keep the silken threads of the attachments between the old students and the Institution. The association endeavors to strengthen the ties among its alumni by addressing the concerns of members with a view to learn and adapt to changes that are necessary. Objectives of the Association are: 1. To maintain the connection of the alumni with the Alma-matter. 2. To foster the relationship between the students of the past and present time of the institution. 3. To keep the old students informed of the growth and development of the institution. 4.To exchange professional knowledge, organize technical conferences, seminars, workshops and training courses.5.To encourage and enhance the Technical and general Knowledge of its members (based on the profession) and to increase the participation of Alumni. 6. To enhance the benevolent nature of the alumni through Nation building activities. The Alumni were helping the final year students in their project work and also about the prospective employment opportunities in their respective organizations in India and abroad. A day is being allotted for alumni every year as a calendar event by the Management to bring the alumni of various departments to celebrate their memories with college and contribute back wisely to the college through support in placement, career guidance for the present students. The alumni members meet for an Annual get-together every year and all the Alumni were taken around the campus. Based on the convenience of the alumni, the special talk, guest lecture, career guidance, workshop and

seminars were organized by the respective departments to bridge the space between the corporate end the institution. It was recorded under, 'Alumni series' of the college. Our alumni represent various committees/cells of the college like IQAC composition of the college, Board of studies of the departments, Academic council which reveal the active participation of our alumni in holistic development of the college. It is our tradition to invite our alumni for important programs of the college viz. Astra-cultural extravaganza.

5.4.2 – No. of registered Alumni:

8567

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

5.42

5.4.4 – Meetings/activities organized by Alumni Association :

- Alumni meet was conducted on 27.04.2019. • Mega Alumni Union (MCA Graduates) conducted on 03.02.2019 . • Alumni Meet ( 2013 2014 Passed out MBA students) was conducted on 17.11.2018. • Alumni Meet (2017 Pass out) was conducted on 17.10.2018. • we have conducted more than 10 alumni guest lecture in this academic year.

## CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 – Institutional Vision and Leadership

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

Practice 1: The Institution supports a development of decentralized control system with proper well defined interrelationships. Each and every department has Department Advisory Committee (DAC) which comprises of HOD as the chair person and 4 or 5 senior faculty members. DAC members have periodic meetings with the department faculty members and initiates necessary steps to formulate and implement strategic plans of the department. The role of the DAC is to review and approve industries or other identified organizations for industrial training, internship or project work for students. They also approve the MOOC courses and one credit courses that a student can undergo and initiate the credit transfer, once the students have completed their courses successfully. The committees also identify the courses offered by industry and ensure the conduct of those courses by the Industry expert. The committee approves the marks obtained after the evaluation done by the industry experts and are submitted to the Coe for credit transfer. Apart from Department Advisory Committee (DAC), there are many sub-committees which look after the Accreditation and MOU process, Class committee, BOS, R D, Departmental Budget, Laboratory Development, Industry Institute Interaction, Training and Placement and Alumni. Each of this committee has a Coordinator. Coordinator is looking after the functionalities of the committee. Faculty members are involved in a small group in different departmental committee and work for the progressive growth of the department and its students. As a part of decentralization, the principal and the HoDs have financial power of sanctioning an considerable amount for the development of the institute and the department respectively.

Practice 2 The institution always supports the culture of participative management by involving faculty members and students in various activities. All decisions of the institution are governed by management. The students and faculty members are free to express their ideas and suggestions to improve the operational activities of the Institute. 1. Strategic Level: Director-Administration, The Principal, Coe, Dean Academics and HODs are involved to define the policies and procedures, making guidelines for rules/regulations

pertaining to admission, academic matters, placement, discipline, grievance, counselling, training and library services etc., Faculty members are also involved in deciding academic activities of the college. 2. Functional Level: At functional level the faculty members participate in sharing the knowledge by discussing on latest trends/technology during faculty meeting. Departmental committee staff members are involved in preparation of annual budget of the department and institute. 3. Operational level: The Principal of the institution and few senior level faculty members of various departments constitute the committee. This committee gives suggestions and monitors the procurement, introduction of new programs and welfare activities. Meetings are conducted in regular intervals by the Head of the Institution with Head of the departments, where policies are framed and decisions are made. These are disseminated to staff by HODs through Periodical meetings.

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

Yes

## 6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	In order to enrich and enhance the quality in curriculum, course of action are being carried out to implement Outcome Based Education (OBE) pattern to improve the student competency to cater global needs. A periodic review and assessment of the CBCS curriculum is done through feedback from all the stakeholders: faculty members, students, alumni, subject experts from reputed institutions, employers and experts from the industry. The suggestions received from them are analysed by the senior faculty members of the department. Constructive suggestions are considered for inclusion in the curriculum. The curriculum and syllabi are revised from time to time. In the process of updating and improving the curriculum, care has been taken to ensure adherence to norms and guidelines prescribed by the Anna University, Chennai, the AICTE and the UGC. The proposed curriculum is subjected to be in the matter of review in the department-wise Board of Studies and the recommendations were put forth at the Academic Council meeting for approval.
Teaching and Learning	Teaching-learning is based on outcome based education. Course plan and lesson plan is outlined at the beginning of the semester. The course plan contains the syllabus mapping with course outcomes, program outcomes, revised blooms taxonomy, assessment components,

pedagogy used for the contents in detail. All the faculty members of the institution are trained in the contemporary and innovative methods of teaching and encouraged to attend various programmes on pedagogy training. The practices followed to achieve quality teaching and learning are ICT enabled, participatory learning, interactive learning, Peer learning, quiz, discussion, seminar, project, laboratory method and on field training etc. Learner friendly approaches adopted by teachers motivate students to learn in a flexible manner. Besides regular teaching and learning process, the students and staff are encouraged to register for NPTEL courses. Course committee meetings and Class committee meetings are conducted with the members constituted from students' representatives to know about their difficulty in classrooms and Laboratories. It is a meeting conducted with the goal to revamp teaching learning process. Apart from the syllabus, students are given opportunity to under go courses in MOOC, SWAYAM and internship.

#### Examination and Evaluation

The progress of the students in various programmes is evaluated by the Office of the Controller of Examinations by conducting Continuous internal assessment and End semester examinations. Three Continuous internal assessment and one End semester examination is conducted for theory courses and for practical courses CIA for all Lab experiments, one model lab and one ESE is being conducted. Question paper (QP) for CIA test is being prepared by internal faculty, whereas ESE QP papers are prepared by External faculty. QPs are scrutinized by the panel of members of each department for CIA and for ESE the QPs are scrutinized by the external experts of the course belonging to reputed institutions. The projects are evaluated both by internal and external experts. The centralized paper evaluation is undertaken and the results are declared after the approval of the results passing board of the college. Some of the features include: Central valuation Question paper vetting by the subject expert before the exams and auditing after the examination, Transparent



Revaluation, Declaration of Results in time and conducting arrear examination for failed students. Further process includes conduct of examinations, publishing results, evaluation/photocopy, printing grade sheets of the students of all UG and PG programmes in both semesters (ODD and EVEN) and recommending award of degrees to the passed students from the Anna University.

#### Research and Development

Research and Development - Four Departments (Mechanical, Electrical and Electronics, Physics and Chemistry ) of our College have been recognized and declared as Ph.D research centres by Anna University. The research and development cell of the college actively engaged and has resulted in receiving grants from organizations like AICTE, UGC, CSIR, TNSCST, Royal academy of Engineering, Ministry of skill development and entrepreneurship, New Delhi, ISTE etc. and also from few industries. The college has a research committee to facilitate, monitor and encourage the research activities. The committee keeps track of the schemes of the UGC and other agencies like CSIR, DST, ICTE, DRDO, ICSSR, ICMR etc. Paavai Engineering College got Most Innovative Award - south zone for registering maximum number of students in internshala and the award was given by AICTE and I nternshala. The teaching faculty members are informed about the various fellowships available and they are encouraged to apply for the same.

The centres of excellence focus primarily on applied research, product development, industrial training, development of multimedia resources and publication. The centers are equipped with advanced equipment and technology.

- Faculty members are primarily involved in research projects that are beneficial to the society. Faculty members are also encourages to publish patents and research papers in the journals of reputation. The seed money support is given to faculty members of various department to carry out their research activities. The faculty members those who complete their Ph.D are given salary hike, the faculty those who go for conference abroad, their travel grant has been provided, the fund has been allocated for lab



investment. Those faculty members who publish patent are given elevation in their appraisal.

Library, ICT and Physical  
Infrastructure / Instrumentation

The Central Library is completely digitalized with Autodisc software. The central library of the college is a repository of a vast number of learning resources including textbooks, reference books, national and international journals, digital resources, online journals, etc., all of which are updated every year and an automated system for book/journal transactions. The college has set up Lecture Capture System and LCD projector in all Classrooms for teaching and learning process . The Wi-Fi facilities and broad band internet facilities are provided in the premises. All the computing laboratories are highly equipped. There are Various Seminar halls and conference rooms for different seating capacity and they are provided with projectors. The College has an in-door and out-door Sports Ground for sports and games activities. Health Center is provided to meet the diagnostic and medical treatment of students and staff. The College has four cafeterias to serve food and refreshments to staff, students and guests. The institution has 250 KVA (2 Nos) generators in addition to UPS backup in various laboratories. Security systems provided in main entrances, corridors and important places of the institution by audio visual department. The transport facility is available for the students and the staff.

Human Resource Management

The human resource is the most important asset of an institution. The human resource of the campus, ie, management, Director administration, Director Admission, Director student affairs, Principal, Deans, HoDs. faculty members, non-teaching staff, Lab assistant and students are properly associated with good relationship for smooth functioning of the college. The hierarchy has been followed at all levels, the information and execution of the work is done with perfect order. The principal along with the team of HoDs govern the academic and administrative functions effectively. The different directions and guidelines

are given to the HoDs for the development of their respective departments. It been The students are given knowledge and skill to meet the industry requirement. The faculty members are updated with the latest knowledge and skill by undergoing FDPs. The management takes initiatives to fill all the vacancies at the earliest. The Management appoints guest lecturer to bridge the gap including non teaching staff vacancies, in case of delay.

#### Industry Interaction / Collaboration

Our Institution has an established Entrepreneur development cell where regular programmes with industries are organized, which brings together professionals from leading Enterprises, entrepreneurs, business leaders, alumni, industry experts, domain experts and strategic thinkers to deliberate the changing role of human capital in reshaping the career growth, opportunities and leadership roles for the students. The spears of industry connect begins with vetting the syllabus, Guest lectures, visiting faculty, examiners for project, mentor for projects, internships, industrial training, field visits, Research and placements. The college has industry driven curriculum. The Expectations of the corporate is received and the syllabus are updated accordingly. The MoU signed with Indian and Foreign institutions and industries are benefitting our students for placement and internship. Experts from industry are also included as members in the board of studies/academic council to share their views. Our Institution has MoUs with the corporate and Industries. All students are registered for internshala, this has been made mandatory, so that all students gets an opportunity to under go course in internshala.

#### Admission of Students

Admission process for UG and PG programme in Engineering is done according to the guidelines mentioned by Tamil-Nadu State Government. The TNEA counseling is conducted by Tamilnadu government every year to fill the seats allotted for engineering colleges through which the students can be admitted on merit cum reservation basis. For Management quota, an

admission committee constituted by the college management and the principal as per the guidelines of the institution and the rank list of self - financing colleges, the team will select the candidates. The selection is purely provisional and always subject to the confirmation from Anna University / Directorate of Technical Education, Chennai. The admission committee will abide by the specific norms and guidelines mentioned by government and Anna University for selecting candidates for admission to various programmes offered by the institution. A separate committee chaired by the Principal will look after the admission of candidates under special categories such as differently abled, sports persons and fee concession is being given to the deserving candidates who got the marks above 160.

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

E-governance area	Details
Administration	<p>The over-all administration of the college is monitored by Director Administration. The academic administration work is carried out by the principal. Both the principal and Director administration collaborate together for progressive administration and for better decision making. The hierarchy and protocol of relationship is maintained. The college communication is facilitated with cloud based email solution for faculty members and students through Microsoft and Google. Biometric attendance for teaching and nonteaching staff is advocated. Database has been maintained in each department for educational qualification, designation, work experience, appraisal form, timetable, course handling details, result of the course in which the faculty handled, FDP details, publications, patent, conference presentation and research work of the faculty members. Similarly, a data base has been maintained for the students' attendance, internal marks, project, paper presentation, internships, NPTEL courses, industrial training, one credit courses, placement and overall performance of the students.</p>
Planning and Development	Planning and development is an

	<p>important criteria and it is the first step for any successful institution.</p> <p>Our college has a Planning and Development committee which looks after the academic and non academic activities. This committee is reporting the progress to principal. At the commencement of the academic year, the academic calendar and examination schedule has been prepared and communicated to the department through the mail. At the beginning of the semester, the following list of modules have been prepared and used , learning management system, course handling details of the faculty, faculty attended FDP, Online Job Application, Faculty report, student details of each semester, course details, number of hours required, course code, branch and other details of the course. The facilities and infrastructure for each department has been planned. To monitor and plan for the functioning of hostel, transport, student welfare, faculty welfare, e task.a separate team of faculty members are given responsibility to execute the above.</p>
Finance and Accounts	<p>Our college is using Tally ERP 9.0 for maintaining the transparent functioning of all Accounts of the college. Consolidated Day Book, Voucher printing, Cheque printing, Cheque slip printing, Bank Re-conciliation statement, Ledger, Trail Balance, Balance sheet and Income Expenditure statement are generated through Tally Finance and Accounts team taking care of all monetary related things. The college provided separate space for Union bank(erstwhile) Corp bank. It is functioning inside the campus for student's assistance .The remittance of tuition fees and exam fees will be paid through banking transactions. The following are the list of modules used for Finance and Accounts: 1. Fee Module Students can pay their fees through this module. 2. GST Calculation 3. Scholarships Better tracking of scholarship beneficiaries.</p>
Student Admission and Support	<p>The software is developed so as to fulfill the need of Student admission and Support. As the admission process is online, Student Admission Form are also provided. Students submit printouts and required documents at</p>

	<p>respected counters. The software is also used for student support like Biodata of the student , and Issue of Bus Cards Online Fee payment, Import Bulk receipt who pay the fee through online, Student Bonafide, Student Contact, Students address report, Student Subject Feedback, Feedback submission by students.</p>
Examination	<p>The centralized examination cell is established to carry out the examinations and evaluations. The software is being used for entering students nominal roll, name, branch, attendance semester wise, internal marks, course registration details, Timetable generation for End Semester Examination and published in the COE website, preparation of course list for question paper setting based on the registered students, Updating the details like shortage of attendance, details of students under go fast track mode, Course withdrawal for the current semester, Generating day wise details with exam date and session. The office of the COE cell held responsible for data preparation for the result Passing Board Meeting, Processing the data for the result publication. Publication of results in the COE website, updating details of the revaluation courses and publishing the revaluation results, Printing of the grade sheet and consolidated grade sheet Generating the list of students who are eligible for the award of degree to be submitted to the Anna University.</p>

### 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
2018	Mrs.M.Babylatha	G-Suite for Education	ISTE	1500
2018	B Venkatesan	Data Analytics Using RapidMiner tool	ISTE	2000
2018	S.Saravana Kumar	Data Analytics Using RapidMiner tool	ISTE	2000
2018	S.Sakthivel	Infosys	Infosys	3500

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Faculty Development Programme	Nill	28/05/2018	01/06/2018	42	Nill
2018	Faculty Development Programme	Nill	18/06/2018	22/06/2018	42	Nill
2018	Faculty Development Programme -G Suite for Education	Nill	24/09/2018	25/09/2018	36	Nill
2018	G Suite for Education	Nill	24/09/2018	25/09/2018	Nill	6
2018	Faculty Revalidation Programme	Nill	19/11/2018	30/11/2018	54	Nill

[View File](#)

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Faculty Development Programme On Methodologies Practices for Profitable Research through Patents IPR	4	22/11/2018	23/11/2018	2
Faculty Enablement Program-Foundation	2	06/08/2018	10/08/2018	5

programme 5.0				
Faculty Development Programme On Resent Trends in Signal and Image Processing Using LABVIEW	4	31/10/2018	02/11/2018	3
STTP-VLSI and Embedded Systems for IoT Applications	4	30/10/2018	03/11/2018	5
Short term Course - 5G Technology and Applications	3	28/05/2018	03/06/2018	7
<a href="#">View File</a>				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
52	52	14	14

#### 6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> <li>• Parental Pension Scheme for ten year experienced faculty and special pension scheme (Both parents or Spouse/Husband) for 15 years experienced faculty</li> <li>• 100 fee concession if the faculty is deputed for deputy warden.</li> <li>• 30 fee concession for their wards if they study in this group of Institutions.</li> <li>• 06 months Maternity leave for female faculty members.</li> <li>• 10 days Special Leave for Marriage Occasion</li> <li>• 12 Causal leave 24 Vacation leave.</li> <li>• Recommendation for getting personal loan from the bank at lowest interest rates.</li> <li>• Free bachelor accommodation and boarding. Free transport and medical insurance.</li> </ul>	<ul style="list-style-type: none"> <li>? Parental Pension Scheme for ten year experienced faculty and special pension scheme (Both parents or Spouse/Husband)for15 years experienced faculty</li> <li>? 100fee concession if the faculty is deputed for deputywarden. ? 30feeconcession fo their wards if they studying this group of Institutions. ? 06 months Maternity leave for female faculty members. ? 10 days Special Leave for Marriage Occasion ? 12 Causal leave 12 Vacation leave. ? Recommendation for getting personal loan from the bank at lowest interest rates. ? Free bachelor accommodation and boarding. Free transport and medical insurance.</li> </ul>	<ul style="list-style-type: none"> <li>Awards for achievers in co-curricular activities and extracurricular activities Best outgoing student award. Group Insurance scheme for all the students PVET Scholarships for cut-off Marks Above 190 - 100 fee free 185-189.75 - 75 fee concession 180-184. - 50 fee concession For Sports Students -100 Fee free (Including accommodation and boarding)</li> <li>Psychological counselling</li> <li>• Yoga counselling for mental wellbeing</li> </ul>

#### 6.4 – Financial Management and Resource Mobilization



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

Yes, the institution has a well defined internal-external audit system that is suitable and commensurate with the size and nature of its activities. 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. The institution has appointed a Qualified Internal Auditors from external resources to do thorough check and verification of all vouchers of the transactions for each financial year. It is being done on monthly basis. Likewise, an external audit is also carried out on an elaborate way on annual basis. The institutional accounts are audited regularly by both Internal and statutory audits. So far, there have been no major findings / objections. Minor errors of 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 institution regularly follows the Internal external financial audit system. During the course of Internal audit, all required steps are taken to regularize the accounts and to obtain confirmations for the credit balances, to collect documentary evidences wherever inadequate in respect of payments, compliances of T.D.S and statutory formalities and reconciliation of unit wise balances with the control accounts and banks reconciliations. The copy of the Internal audit report covering all matters related to maintenance of accounts, availability of documentary evidences, documentation, compliances,etc., is preserved. Subsequently, external statutory audit is conducted by the auditors and the final audit report with audit findings are submitted to the management. The consolidation of the findings of the Institutions with trust central office has been completed and the annual returns have been submitted to Income tax authorities.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Paavai Varam Educational Trust (Management)	22308500	Merit and Economically Poor students Scholarship and Sports Scholarship
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6.4.3 – Total corpus fund generated

50000000
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**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	Eminent Professor from Autonomous Engineering Colleges	Yes	IQAC
Administrative	Yes	Chartered Accountant	Yes	IQAC

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

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Parent -Teacher meeting is being conducted by individual departments at least twice in a year. 1.Achievements and Events of the institution is being shared with the parents. During parent's teachers meeting feedback regarding curriculum development, Placement opportunities, co-curricular and extracurricular aspects are collected from parents and also discussed the performance of their wards in the CIA Test and other activities. 2. Parents are invited during the NBA , NAAC and other committee visits to give their feedback and suggestions. 3.Tutors contact with the parents to discuss the academic activities. Attendance report and CIE test performance of the students are sent through SMS to their parents. Systematic academic review meetings are conducted with parents to discuss the academic performance and discipline of the students and intend to provide timely counseling, encouragement and motivation to the students.

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

Programs have been conducted in the area of maintenance and upkeep facilities available in the Institution.1.Yoga classes were arranged for the interested staff members to maintain their health. 2.The basic computer training on MS office was conducted to improve the computer skills.3. Spoken English class is being conducted for the supporting staff to improve their communications. 4.Hands on training for Servicing and Maintenance of Equipment. 5. Training Programme for First Aid. 6. Industry personals conduct live demos of their products supplied to laboratories to nonteaching faculty.

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

- Research Projects and Patents • .Industry offered Credit Courses. • .. MoU's with foreign universities and with 40 industries. • . Internship has made mandatory for the students to register

#### 6.5.5 – Internal Quality Assurance System Details

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

#### 6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Induction Programme for First year students	09/07/2018	22/09/2018	Nil	823
2018	Academic Audit Details	21/06/2018	21/06/2018	23/06/2018	25
2018	Pedagogy Training Programme	19/11/2018	19/11/2018	30/11/2018	125
2018	AUTOCAD Software classes for students	11/07/2018	11/07/2018	30/09/2018	41

2018	Soil Testing concept for Technicians	29/01/2019	29/01/2019	30/01/2019	2
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## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
NSS Camp	20/03/2019	26/03/2019	82	23
International Women's Day Celebration	08/03/2019	08/03/2019	856	Nill
Paavai Mission on Women Empowerment Series	24/10/2018	24/10/2018	783	32
Youth Empowerment and Leadership	13/10/2018	13/10/2018	720	1100
Blood Donation Camp	18/08/2018	18/08/2018	41	116
NSS General Orientation Programme	07/09/2018	07/09/2018	40	60
A one day workshop on First Aid-Awareness Programme	10/08/2018	10/08/2018	50	50
Systematic Voters' Education and Electoral Participation program {SVEEP Activity}	23/02/2019	23/02/2019	30	50
International Yoga Day Awareness and Celebration	21/06/2018	21/06/2018	100	100
Spiritual Orientation Programme	20/12/2018	20/12/2018	100	100

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

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

3.2

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Provision for lift	Yes	2
Ramp/Rails	Yes	2
Braille Software/facilities	No	Nil
Rest Rooms	Yes	2
Scribes for examination	Yes	Nil
Special skill development for differently abled students	Yes	2
Any other similar facility	Yes	86

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	2	2	28/03/2019	2	"Swachh Bharat Abhiyan" (Clean India Mission)	To give the awareness about effects of plastic usage for human health and environment to the public.	23
2019	2	2	23/02/2019	2	Voter Awareness Program:	To tell the responsibility of Indian citizens 80 id by giving vote	85
2019	1	1	08/03/2019	1	Women's Day Celeb	Importance of pr	763

					ration1	otecting girl babies and women security	
2018	1	1	18/08/2018	1	Blood Donation Camp	To donate blood and its importance for the people in need.	25
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#### 7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Academic Calendar	13/06/2018	Academic Calendar comprising Quality Policy, Rules and Regulations, IPR Policy and Various Cells and Clubs and Students Disciplinary Requirements

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Navaladiyan Kovil Kumbhaseikam Volunteer ship	16/06/2018	16/06/2018	100
International Yoga Day Awareness and Celebration	21/06/2018	21/06/2018	200
A one day workshop on First Aid- Awareness Programme	10/08/2018	10/08/2018	100
INDO-TAIWAN SUMMIT Volunteer ship	25/02/2019	26/02/2019	75
Lok Sabha Election Volunteer ship	18/04/2019	18/04/2019	25
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#### 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Initiatives were taken to create healthy ambience in and around the campus. They are: Tree plantation, Water management. Sewage treatment ,Use of biogas, Use of vegetables from organic farming in Hostel mess, Reduced usage of papers by automation, Vermicomposting for waste disposal, Rain water harvesting, Energy efficient lighting is adopted. Energy audit is carried out and Plastic free campus

## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

The Institution aims at faculty development in terms of their pedagogy, research initiatives and project proposal submission so as to benefit for the student community. To achieve, a separate department known as Faculty Development Department is established to look into the matters of teaching skills, communication skills, research skills, use of ICT, of the faculty members like class room teaching, research efforts and paper presentations. The performance of the faculty is constantly validated and revalidated for further enhancement of knowledge, skill, expertise and attitude. As the faculty is the asset of an institution the performance is periodically strengthened. To ensure the same professionalism of the faculty, different training and orientation programmes are conducted. Pre-service training courses are organized to benefit those who joined as freshers to the service. The Faculty Revalidation Programme is being conducted annually, where all the faculty members present their teaching skill by taking class on any content of the subject that they are handled in the current semester. They are being evaluated with seven components of teaching criteria such as subject knowledge, communication skill, and eye contact, method of teaching, teaching aids, voice and interaction by the panel of subject experts. Feedback and remedial measures are given to the faculty then and there itself, to improve their efficiency of knowledge updation and teaching skills. The teachers are asked to present and publish research papers in the International Journals. This kind of practice has a tremendous effect on the academic performance of classroom teaching. This ensures quality in teaching and learning process. This practice has made an impact on teachers to be effective on their pedagogical skills and professionalism. This kind of input mechanism trains the teachers in their teaching and contribute the quality learning process to the students community. Best Practices-II: Programs enabling the holistic personality of the students The main objective of an institution is to mould the personality of a student holistically and professionally for better future of the society. The student should be shaped physically, mentally, morally, ethically, technically and socially sound. As our culture insists upon, Mathru devo bhava, Pithru Devo bhava, Acharys devo bhava and Athiti devo bhava. In order to inculcate this, Value Oriented practices such as Padha Pooja to parents during Induction programme and salutation to the teachers in the form of Padha Pooja on Teacher's day are encouraged. It is said that the parents are the first teachers and teachers are considered to be the second parents. By practicing this, the students naturally inculcate the value of gratefulness and respect towards their parents and teachers. This practice has a great effect on students to know about the great culture and tradition of our country. This gives an insight into the act of being human and the importance of adherence to Human Values. Similarly, the institution provides various orientation programme through International trainers on "Goal setting" and "Time-management" to the first year students to develop and achieve short term and long term goal. This is being followed by Review and review programme, for the second, third and final year students so as to achieve the goal with in stipulated time. This practice paves the way to set the goal and the strategy to achieve it. Beside these, there is an opportunity for all the students to register in the internshala to do online course, which gives the students an outline about various updates in the industry. The maximum number of students register in the internshala is from our college. Paavai Engineering College stands first in South zone and got Most Innovative award from AICTE and Internshala. The students' personality is thus developed by making them emerge as technically and professionally competent and socially responsible citizen of the country.

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

institution website, provide the link

<https://pec.paavai.edu.in/igac/igac-pdf/best-practices/>

### 7.3 – Institutional Distinctiveness

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

Paavai Engineering college is striving to become an internationally reputed technical college, that shall groom the students professionally competent, socially responsible and culturally sensitive. The vision of the college is to provide affordable quality higher education to the rural youth. In the process of attaining the vision, short term and long term strategic plans have been drawn. Emphasis is being given to initiate various quality measures such as augmentation of infrastructure, quality of teaching staff, increase in need based new programmes, quality certification, interaction with other institutions, placement and emerge as an institute of excellence on par with other reputed institutions. To provide an affordable quality higher education to all at all times is the functioning strength, formulating morale and formatting spirit of our college. The accolades of the college are :Our institution is securing Platinum position in AICTE - CII 2018 consecutively for past Two years. Paavai has been awarded "Champion of Champions Trophy" consecutively for three years in the Anna University Sports and Games Competitions Our college has received Most innovative award south zone -Record during Internship day on 25.8.2018 jointly organised by AICTE and Internshala Paavai Engineering College is always the most preferred educational institution for the Industries to collaborate and to involve the industry in its all-academic, research and consultancy activities. In the way of promotion of research culture, the college houses various centers of excellence such as Paavaisoft Innovation Centre, Texas Instruments, Advanced Vertical Machining Centre, TVS Haritha core Engineering Research lab,, Entrepreneurship Development Cell, Institute Innovation Council (IIC) under MHRD and MSME Incubation Centre to promote research activities of the faculty and to enhance the research skills of the students. The students in the campus have opportunities to learn and practice skill sets of global standards in these centers. These skill sets provide an edge for the students in their career prospects. These centers are also used to train youth from various walks of life on specific skills. An innovation centre for tech enthusiasts to convert their ideas in to projects and further enhance to produce commercially viable product and technically challenging prototypes. The college constantly augments its infrastructure, catering to the needs of all levels of academic programmes. The outcome of quality education is career readiness and a lucrative placement. This cell offers pre campus training, conducts oncampus placement drives and effectively bridges the gap between the demands of the industries and institute by training the students in a technically competent and professionally skilled students. Every year, the number of students getting placed through on and off campus interviews increases with a reasonable median salary. The student NSS wing is active in order to imbibe strong social values in our students..For the past three consecutive years, our students participated in the republic day parade, New Delhi. Various personality development and motivational programs and health checkups camps are organized. The institute ensures an inclusive workplace by fostering a community spirit at work. The EDC cell functioning in the institutes help students to convert their ideas.

Provide the weblink of the institution

<https://pec.paavai.edu.in/igac/igac-pdf/institutions-distinctiveness/>

### 8.Future Plans of Actions for Next Academic Year

future plans of Paavai Engineering college for the academic year 2019- 20 are listed below: It has been planned to conduct Board of studies meeting once in a year for each department. The institution has planned to conduct Academic council meeting, Governing council meeting once in every academic year. 3 Class committee meetings per class for each semester has been planned. 5 department staff meeting per semester . Value added courses have been planned by various academic departments during the AY 2019 20. Special programs (remedial programs} per class per semester for slow learners. Mentor periods per week per class have been allotted to address academic and stress related issues. All faculty members must use ICT tools for teaching learning process. The following are the future plans to improve research and development activities during the academic year 19-20. All departments are encouraged to apply for National Board of Accreditation. An initiation to apply for ARIIA ATAL Ranking. Around 100 research proposals are planned to be sent to various funding agencies by the faculty members of various academic departments. • Around 100 publications are to be published in UGC notified peer reviewed journals by the faculty members of various academic departments. Around 10 patents are to be filed during the AY 19-20. • Around 50 papers are to be published in national/international conference proceedings by the faculty members of various academic departments. • Around 15 books and chapters in edited volumes / books are to be published. Industry colloboration Programme (ICP) coordinators will visit around 50 nearby industries to popularize the expertise available in the institution. • Around 40 Consultancy projects across various academic departments. Around 25 collaborative activities have been planned with industries for research, faculty exchange, student exchange. Around 70 seminars/workshops/conferences will be conducted by various academic departments. Around 100 events will be conducted through various department associations. Around 20 guest lectures have been planned jointly with Alumni association during the AY 2019 20. Around 20 extension and outreach activities have been planned. Other plans: It has been planned to enroll around 1200 students in Value Added Courses during the AY 2019 20. All eligible students must be undergone internship/field projects. It has been planned to be champions in the Anna University sports board. Structured API: Our college follows a comprehensive appraisal system taking into consideration the following 3 criteria: (i) Teaching Learning Process (ii) Research (iii) Outreach activities. Every faculty and the department as a whole is assessed at the end of each academic year based on the above for the performance and suitably rewarded. Placement: Each Department Training and Placement division will be getting connected to Tier 1 companies to improve the dream company placements in Core companies. The college will establish more number of UG programs. The college has planned to have more number of membership with professional bodies so as to facilitate the students for internship and placement. It has been planned to establish skill development centre for the benefit of students.