



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

|   |   |
|---|---|
| Part A  |   |
| <b>Data of the Institution</b>                |   |
| <b>1. Name of the Institution</b>             | JAI SHRIRAM GROUP OF INSTITUTIONS           |
| Name of the head of the Institution           | Dr.M.Vijayakumar                            |
| Designation                                   | Principal                                   |
| Does the Institution function from own campus | Yes   |
| Phone no/Alternate Phone no.                  | 04212313335                                 |
| Mobile no.                                    | 9047098314                                  |
| Registered Email                              | principal@jayshriram.edu.in                 |
| Alternate Email                               | viceprincipal@jayshriram.edu.in             |
| Address                                       | Dharapuram ROAD, Avinashipalam,<br>Tiruppur |
| City/Town                                     | Tiruppur                                    |
| State/UT                                      | Tamil Nadu                                  |
| Pincode                                       | 638660                                      |

|  |                                       |
|--|---------------------------------------|
| <b>2. Institutional Status</b>         |                                       |
| Affiliated / Constituent               | <b>Affiliated</b>                     |
| Type of Institution                    | <b>Co-education</b>                   |
| Location                               | <b>Rural</b>                          |
| Financial Status                       | <b>Self financed</b>                  |
| Name of the IQAC co-ordinator/Director | <b>A.Gokilavani</b>                   |
| Phone no/Alternate Phone no.           | <b>04212313335</b>                    |
| Mobile no.                             | <b>9942452750</b>                     |
| Registered Email                       | <b>gokilavani@jayshriram.edu.in</b>   |
| Alternate Email                        | <b>lakshmipriya@jayshriram.edu.in</b> |

|  |   |
|--|---|
| <b>3. Website Address</b>  |   |
| Web-link of the AQAR: (Previous Academic Year)                           | <a href="https://www.jayshriram.edu.in/wp-content/uploads/2020/06/AQAR-2018-19.pdf">https://www.jayshriram.edu.in/wp-content/uploads/2020/06/AQAR-2018-19.pdf</a>                           |
| <b>4. Whether Academic Calendar prepared during the year</b>             | <b>Yes</b>  |
| if yes,whether it is uploaded in the institutional website:<br>Weblink : | <a href="https://www.jayshriram.edu.in/wp-content/uploads/2020/10/Academic-Calendar-2019-20.pdf">https://www.jayshriram.edu.in/wp-content/uploads/2020/10/Academic-Calendar-2019-20.pdf</a> |

| <b>5. Accrediation Details</b> |          |             |                      |                    |                    |
|--------------------------------|----------|-------------|----------------------|--------------------|--------------------|
| Cycle                          | Grade    | CGPA        | Year of Accrediation | Validity           |                    |
|                                |          |             |                      | Period From        | Period To          |
| <b>1</b>                       | <b>B</b> | <b>2.24</b> | <b>2016</b>          | <b>11-Jul-2016</b> | <b>10-Jul-2021</b> |

|   |                    |
|---|--------------------|
| <b>6. Date of Establishment of IQAC</b> | <b>11-Jul-2016</b> |
|---|--------------------|

|   |
|---|
| <b>7. Internal Quality Assurance System</b> |
|---|

| 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 |
|   |                 |                                       |

|                                     |                  |     |
|-------------------------------------|------------------|-----|
| Career Orientation Program          | 23-Jul-2019<br>1 | 184 |
| Advanced Technology on Google Tools | 24-Jul-2019<br>1 | 53  |
| Moodle Platform                     | 24-Apr-2020<br>2 | 48  |
| Applied NBA for CSE & ECE           | 08-Aug-2019<br>1 | 2   |
| <a href="#">View File</a>           |                  |     |

**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  |
|---|---|----------------|-----------------------------|---------|
| Electronics and Communication Engineering | Project                                   | TNSCST         | 2020<br>365                 | 7000    |
| Civil Engineering                         | Project                                   | TNSCST         | 2020<br>365                 | 7000    |
| Master of Business Administration         | Skill and Personality Development Program | AICTE          | 2020<br>1095                | 1600000 |
| <a href="#">View File</a>                 |   |                |                             |         |

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

Yes

Upload latest notification of formation of IQAC

[View File](#)

**10. Number of IQAC meetings held during the year :**

3

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

Yes

Upload the minutes of meeting and action taken report

[View File](#)

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

No

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

Industrial Linkage Students Participation Faculty Participation Events Organized MoU Faculty Participations

[View File](#)

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

| Plan of Action                   | Achievements/Outcomes   |
|----------------------------------|---|
| Mentoring system                 | Faculties are allocated as Mentor to every student with the ratio of 1:13 Mentor assist and motivate the students in their academics and all activities by periodical counseling.   |
| Training and placement           | Training and placement department has been created. They solely concentrate on equipping the students with industrial needs.  |
| Plan of Special coaching classes | A special coaching class was scheduled to improve the result. During Coaching class individual care and mentoring has provided to the students to understand the concepts clearly, so that they could improve their academic performance. |
| <a href="#">View File</a>        |   |

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

Yes

| Name of Statutory Body | Meeting Date |
|------------------------|--------------|
| Governing Council      | 20-Jan-2021  |

**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

2020

Date of Submission

07-Feb-2020

**17. Does the Institution have Management Information System ?**

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

All important activities like Academic calendar, Test schedule, performance of Internal exam, University exam performance, Performance of students in

Extracurricular and Cocurricular activities, Placement and Trainings, Research and Consultancy, Publication by faculty, Funding proposal by faculty, Minutes of HoD Meeting, Quality initiatives and Governing council meeting are communicated to Management on regular basis.

## 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

Institute is affiliated to Anna University, Chennai and adopts and delivers the curriculum provided by Anna University for various engineering programs. Institute ensures the effective delivery of curriculum within the framework in order to achieve institute mission. Institute has a structured academic plan, for effective curricular planning and implementation, as per following documented process:

- The academic calendar serves as a source of information and planning document for faculty and students of the department. The academic calendar of the institution is prepared at the beginning of each semester with a clear schedule of reopening dates, examinations, co-curricular and extracurricular activities, other events including a list of holidays. Institution level academic calendar is distributed to each and every department.
- Each department includes its plan of activities such as association activities (Seminars, Workshops, Special lectures, alumni interaction), activities of professional societies and industrial visits in the academic calendar of the institution and prepare department wise academic calendar. All the activities of the department are executed by adherence to the academic calendar.
- Faculty prepares Lesson plan and Laboratory plan as per the syllabus prescribed by the university and academic calendar issued by the department.
- Faculty prepares extensive lecture notes by using university prescribed reference books and other materials like NPTEL. Laboratory manuals are prepared as per the syllabus and also prepared the experiments beyond the syllabus and upgraded, so that students are able to perform experiments in order to understand theoretical concepts with practical applications. Course files are prepared and maintained by respective faculty members, which contain all the information necessary for the effective delivery of the curriculum.

Student's attendance and academic progress for individual course is continuously monitored through teaching plan along with continuous monitoring.

- Internal tests are conducted for theory subjects and mock examination for practical / oral. The remedial classes are conducted for the students having poor performance in these evaluations.
- The institute follows scheme of Mentoring System [MS]. A group of around 10-15 students are allotted to a teacher who work as mentor for them. The role of Mentor is to conduct a meeting every week, to discuss the students and provide guidance for academic improvement.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

| Certificate    | Diploma Courses | Dates of Introduction | Duration | Focus on employ ability/entrepreneurship | Skill Development |
|----------------|-----------------|-----------------------|----------|--|-------------------|
| AUTO CADD (3D) | Nil             | 09/12/2019            | 5        | Entrepreneurship                         | Skill Development |

|  |     |            |   |                  |                   |
|--|-----|------------|---|------------------|-------------------|
| Machine Learning using Python                | Nil | 18/07/2019 | 3 | Entrepreneurship | Skill Development |
| Cloud based machine learning for IoT devices | Nil | 22/07/2019 | 3 | Entrepreneurship | Skill Development |
| Embedded Systems and IoT                     | Nil | 09/08/2019 | 2 | Entrepreneurship | Skill Development |

## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the academic year

| Programme/Course          | Programme Specialization | Dates of Introduction |
|---------------------------|--------------------------|-----------------------|
| BTech                     | Fashion Technology       | 01/07/2020            |
| <a href="#">View File</a> |                          |                       |

### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

| Name of programmes adopting CBCS | Programme Specialization                  | Date of implementation of CBCS/Elective Course System |
|----------------------------------|---|---|
| BE                               | Civil Engineering                         | 01/07/2019  |
| BE                               | Computer Science and Engineering          | 01/07/2019  |
| BE                               | Electrical and Electronics Engineering    | 01/07/2019  |
| BE                               | Electronics and Communication Engineering | 01/07/2019  |
| BE                               | Mechanical Engineering                    | 01/07/2019  |
| MBA                              | Finance and HR                            | 01/07/2019  |

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

|                    | Certificate | Diploma Course |
|--------------------|-------------|----------------|
| Number of Students | 103         | 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 |
|--|----------------------|-----------------------------|
| AUTO CADD (3D)                         | 09/12/2019           | 13                          |
| Fundamentals of C and .Net Programming | 02/12/2019           | 48                          |
| Fundamentals of R Programming          | 02/12/2019           | 42                          |
| ANFIS and Adaptive Neural Networks     | 04/12/2019           | 19                          |
| Solid Works                            | 11/01/2020           | 26                          |
| TALLY                                  | 29/07/2019           | 45                          |

|                               |            |    |
|-------------------------------|------------|----|
| PCB Designing                 | 04/08/2019 | 32 |
| Robotics and Automation       | 07/02/2020 | 37 |
| ANSYS                         | 11/01/2020 | 26 |
| Programmable Logic Controller | 31/08/2020 | 32 |
| <a href="#">View File</a>     |            |    |

### 1.3.2 – Field Projects / Internships undertaken during the year

| Project/Programme Title   | Programme Specialization                  | No. of students enrolled for Field Projects / Internships |
|---------------------------|---|---|
| BE                        | Civil Engineering                         | 3   |
| BE                        | Mechanical Engineering                    | 13  |
| BE                        | Electronics and Communication Engineering | 4   |
| BE                        | Terrorism Analysis using Python           | 1   |
| <a href="#">View File</a> |   |   |

## 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  |
|--|
| <ul style="list-style-type: none"> <li>• Feedback collection regarding teaching and learning process through printed form is done during the middle of the semester.</li> <li>• In student's feedback, student's opinion about course handling faculty on various aspects of teaching learning process is obtained. The percentage of feedback received is calculated for each item given in the feedback form. If the feedback value falls below 60, corrective actions are taken like counseling the concerned faculty member and deputing the faculty to attend training programs. If feedback related to general nature, the same is submitted to the principal for necessary action.</li> <li>• The HOD is responsible to check for the effectiveness of the action taken on student's feedback.</li> <li>• Three class committee meetings are conducted for all classes at regular intervals during every semester.</li> <li>• The meeting is chaired by a senior faculty member who is not handling any course for that particular class. All the faculty members who are handling courses for that particular class along with selected student representatives (combination of bright students, average students and weak students) attend the meeting.</li> <li>• The consolidated feedback is submitted to HOD / Principal for taking necessary action.</li> <li>• Feedback from parents is collected in every parents meeting and suggestions are taken for consideration immediately.</li> <li>• Feedbacks from alumni are collected during alumni meet and suggestions are taken for implementation.</li> <li>• Employer feedback is collected in a prescribed format and suggestions are taken for improvement.</li> <li>• Based on the feedback, various aspects such as workshops, seminars, parents teachers meeting, industrial visit, in plant training are arranged.</li> </ul> |

**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 |
|-----------------------|---|---------------------------|--------------------------------|-------------------|
| BE                    | Civil Engineering                         | 60                        | 30                             | 7                 |
| BE                    | Computer Science and Engineering          | 60                        | 58                             | 34                |
| BE                    | Electronics and Communication Engineering | 120                       | 54                             | 22                |
| BE                    | Electrical and Electronics Engineering    | 60                        | 23                             | 9                 |
| BE                    | Mechanical Engineering                    | 120                       | 39                             | 19                |
| ME                    | Applied Electronics                       | 18                        | 5                              | 1                 |
| ME                    | Computer science and Engineering          | 18                        | 5                              | 1                 |
| ME                    | Structural engineering                    | 18                        | 13                             | 8                 |
| MBA                   | Master of Business Administration         | 60                        | 41                             | 26                |

[View File](#)**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 |
|------|---|---|---|---|--|
| 2019 | 787   | 69  | 97  | 8   | 9  |

**2.3 – Teaching - Learning Process**

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

| Number of Teachers on Roll | Number of teachers using ICT (LMS, e-Resources) | ICT Tools and resources available | Number of ICT enabled Classrooms | Number of smart classrooms | E-resources and techniques used |
|----------------------------|---|-----------------------------------|----------------------------------|----------------------------|---------------------------------|
| 105                        | 105   | 34                                | 13                               | 14                         | 10                              |



[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

Student mentoring scheme is available in the institution. Based on the student strength in the class around 10-13 mentees are allotted to every faculty. The following parameters are monitored by mentor. ? Attendance ? Academics ? Extra and Co-curricular ? Participation for placement ? Discipline Issues • Mentoring is done once a week after regular class. During mentoring, mentors meet the mentees to discuss academics as well as other activities. Mentees are allowed to discuss their personal problems and mentor counsel them to get rid of their problems and make the mentees to concentrate their studies. Parents are also called for counseling if necessary.

| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
|--|-----------------------------|-----------------------|
| 856  | 105                         | 1:8                   |

## 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 |
|-----------------------------|-------------------------|------------------|--|--------------------------|
| 105                         | 105                     | Nil              | 14                                       | 6                        |

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

| Year of Award | Name of full time teachers receiving awards from state level, national level, international level | Designation         | Name of the award, fellowship, received from Government or recognized bodies |
|---------------|---|---------------------|--|
| 2020          | Dr.J.Nandhini   | Vice Principal      | Best Woman Faculty Award   |
| 2020          | Mr.S.K.Kabilesh   | Assistant Professor | Mentor Award from NPTEL  |
| 2020          | Mr.S.K.Kabilesh   | Assistant Professor | NPTEL -Elite -Introduction to Embedded System Design                         |
| 2020          | Mr.R.Mahendran  | Assistant Professor | NPTEL -EliteSilver -Product Design and Development                           |
| 2020          | Mr.S.Karthikeyan  | Assistant Professor | NPTEL -EliteSilver -Product Design and Development                           |
| 2020          | Mr.P.Rajkumar   | Assistant Professor | NPTEL -EliteGold -Product Design and Development                             |
| 2020          | Mr.S.Ramasami   | Assistant Professor | NPTEL -Elite -Phython For Data Science                                       |
| 2020          | Mrs.A.Gokilavani  | Assistant Professor | NPTEL -Elite -Phython For Data Science                                       |

|                           |               |                     |  |
|---------------------------|---------------|---------------------|--|
| 2020                      | Mrs.S.Revathi | Assistant Professor | NPTEL -EliteSilver -Phython For Data Science |
| 2020                      | Mrs.K.Saranya | Assistant Professor | NPTEL -Elite -Phython For Data Science       |
| <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 |
|-------------------|----------------|----------------|--|---|
| BE                | 106            | 8/4            | 29/09/2020   | 28/10/2020  |
| BE                | 104            | 8/4            | 29/09/2020   | 28/10/2020  |
| BE                | 105            | 8/4            | 29/09/2020   | 28/10/2020  |
| BE                | 106            | 8/4            | 29/09/2020   | 28/10/2020  |
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Three Internal Tests per semester are conducted by the college through centralized examination cell. The question paper is prepared well in advance by the course coordinator and it is verified and approved by the HOD. The first and second units are planned to cover Internal Test 1, third and fourth unit are planned to cover the Internal Tests 2, fifth unit cover the Internal test 3. There by addressing the attainment of Course Outcomes 1 and 2 in the first Internal Test, Course Outcomes 3 and 4 in the second Internal Test and 5th Course Outcome in the third Internal Test. The approved question papers are submitted to the examination cell through department examination cell coordinator. The examination cell takes care of hall allocation schedule and allotment of invigilation duty schedule. The Internal Test answer scripts are evaluated by the concerned course handling faculty members within next three working days.

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

Before the beginning of each semester, the head of the department discusses and prepares the college academic calendar in concurrence with the University calendar and gets the approval from principal. The academic calendar contains the details of reopening and last working day of the semester, working days, holidays, unit completion dates, cycle test, internal test, model exam, inauguration of department associations activities and cells/clubs activities. The calendar is circulated to all the faculty members before the commencement of the semester. Lesson plans are then prepared based on the academic calendar. Students are then informed about time table and academic calendar by displaying in class notice board.

## 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)

## 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 |
|----------------|----------------|--------------------------|---|---|-----------------|
| 631            | MBA            | HR and Finance           | 43  | 26  | 60              |
| 413            | ME             | SE                       | 15  | 2   | 13              |
| 405            | ME             | CSE                      | 3   | 1   | 33              |
| 401            | ME             | AE                       | 3   | 1   | 33              |
| 114            | BE             | MECH                     | 61  | 56  | 92              |
| 106            | BE             | ECE                      | 57  | 57  | 100             |
| 105            | BE             | EEE                      | 31  | 30  | 98              |
| 104            | BE             | CSE                      | 57  | 54  | 94.7            |
| 631            | BE             | HR and Finance           | 43  | 26  | 60              |

[View File](#)

## 2.7 – Student Satisfaction Survey

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

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

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

| Nature of the Project  | Duration | Name of the funding agency | Total grant sanctioned | Amount received during the year |
|--|----------|----------------------------|------------------------|---------------------------------|
| Any Other (Specify)  | 1095     | AICTE                      | 16                     | 8                               |
| Any Other (Specify)  | 1        | NABARD                     | 0.5                    | 0.5                             |
| Students Research Projects (Other than compulsory by the University) | 365      | TANSCST                    | 0.07                   | 0.07                            |
| Students Research Projects (Other than compulsory by the University) | 365      | TANSCST                    | 0.07                   | 0.07                            |

[View File](#)

### 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       |
|---|---------------------------------------|------------|
| Cloud based machine learning for IOT devices                    | Computer Science Engineering          | 19/07/2019 |
| Workshop on Open source Content management System for web Pages | Electronics Communication Engineering | 23/01/2020 |
| Hands on Training on Industrial Robotics                        | Electrical Electronics Engineering    | 08/07/2019 |
| Guest Lecture on Industry Readiness and Employable Skills       | Mechanical Engineering                | 06/07/2019 |
| Guest Lecture On Strength Of Materials                          | Civil Engineering                     | 08/08/2019 |

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

| Title of the innovation | Name of Awardee | Awarding Agency | Date of award | Category            |
|-------------------------|-----------------|-----------------|---------------|---------------------|
| District Level Winner   | Ms.S.Dharani    | Skill India     | 22/01/2020    | Electronics Trade   |
| Best Student            | Ms.Sathya       | ISTE            | 22/12/2020    | Student Empowerment |

[View File](#)

3.2.3 – 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 |
|---|------|--------------|----------------------|--------------------|----------------------|
| <b>No Data Entered/Not Applicable !!!</b> |      |              |                      |                    |                      |
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### 3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

| State | National | International |
|-------|----------|---------------|
| 7     |          |               |

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

| Name of the Department                    | Number of PhD's Awarded |
|---|-------------------------|
| <b>No Data Entered/Not Applicable !!!</b> |                         |

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

| Type          | Department | Number of Publication | Average Impact Factor (if any) |
|---------------|------------|-----------------------|--------------------------------|
| National      | MBA        | 2                     | 4.5                            |
| International | MBA        | 3                     | 5.5                            |
| International | ECE        | 9                     | 5.8                            |
| International | MECH       | 1                     | Nill                           |

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

| Department        | Number of Publication |
|-------------------|-----------------------|
| Civil             | 6                     |
| CSE               | 2                     |
| ECE               | 5                     |
| EEE               | 3                     |
| MECH              | 1                     |
| MBA               | 4                     |
| ENGLISH           | 2                     |
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

| Title of the Paper   | Name of Author                                | Title of journal   | Year of publication | Citation Index | Institutional affiliation as mentioned in the publication | Number of citations excluding self citation |
|--|---|--|---------------------|----------------|---|---|
| Shear Resistance of portal Frame Reinforced with Bamboo and Steel Rebar: Experimental and Numerical Evaluation | S.Karthik                                     | international journal of recent technology and engineering | 2019                | 18             | Associate Professor                                       | Nil   |
| Design and analysis PLC based asymmetric multilevel inverter   | S.Karthikumar                                 | Indian Journals  | 2019                | Nil            | Assistant Professor                                       | Nil   |
| Measurement of Temperature and Humidity using DHT11 Sensor   | Ms.S.Menaga                                   | HBRP Publication   | 2019                | Nil            | Assistant Professor                                       | Nil   |
| Energy efficient and authenticated routing In Manet for  | Dr.J.Nandhini,Ms.A.S.Narmadha Ms. G.Kalairasi | Journal of Mechanics of Continua And Mathem                | 2019                | Nil            | Professor   | Nil   |

|  |                 |   |      |     |           |     |
|--|-----------------|---|------|-----|-----------|-----|
| emergency rescue operations  |                 | atical Sciences   |      |     |           |     |
| A Study of financial health of state bank of India using Z-Score model | DR.P.Megaladevi | International journal of research and analytical review | 2019 | Nil | Professor | Nil |
| <a href="#">View File</a>  |                 |   |      |     |           |     |

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

| Title of the Paper                        | Name of Author | Title of journal | Year of publication | h-index | Number of citations excluding self citation | Institutional affiliation as mentioned in the publication |
|---|----------------|------------------|---------------------|---------|---|---|
| <b>No Data Entered/Not Applicable !!!</b> |                |                  |                     |         |   |   |
| No file uploaded.                         |                |                  |                     |         |   |   |

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

| Number of Faculty           | International | National | State | Local |
|-----------------------------|---------------|----------|-------|-------|
| Resource persons            | Nil           | 3        | Nil   | Nil   |
| Attended/Seminars/Workshops | Nil           | 165      | Nil   | Nil   |
| <a href="#">View File</a>   |               |          |       |       |

## 3.4 – Extension Activities

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

| Title of the activities                  | Organising unit/agency/ collaborating agency        | Number of teachers participated in such activities | Number of students participated in such activities |
|--|---|--|--|
| ADS Mosquito Covid 19 Awareness Campaign | Health Family Welfare Department, Pongalur, Tirupur | 2  | 100  |
| leprosy Awareness Campaign               | Health Family Welfare Department, Pongalur, Tirupur | 1  | 150  |
| Blood donation camp                      | Rainbow blood bank                                  | 2  | 100  |
| Eye camp                                 | Vasan eye care, Tiruppur                            | 1  | 200  |
| General health Awareness Program         | AMC Hospital, Tiruppur                              | 1  | 100  |
| <a href="#">View File</a>                |   |  |  |

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

| Name of the activity                    | Award/Recognition           | Awarding Bodies                                     | Number of students Benefited |
|---|-----------------------------|---|------------------------------|
| Student Volunteer                       | Certificate of Appreciation | Sabarimalai Seva Sangam, Tirupur                    | 20                           |
| Eye Camp                                | Certificate of Appreciation | Vasan Eye Care Hospital                             | 543                          |
| Sanitizer and Mask distribution         | Certificate of Appreciation | Rotary Club, Dharapuram                             | 20                           |
| Awarenes program on water conservation  | Certificate of Appreciation | Vanam Foundation, Tirupur.                          | 56                           |
| ADS Mosquito Covid 19 Awareness Campign | Certificate of Appreciation | Health Family Welfare Department, Pongalur, Tirupur | 67                           |
| leprosy Awareness Campign               | Certificate of Appreciation | Health Family Welfare Department, Pongalur, Tirupur | 25                           |
| Blood donation camp                     | Certificate of Appreciation | Rainbow blood bank                                  | 105                          |
| <a href="#">View File</a>               |                             |   |                              |

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

| Name of the scheme                      | Organising unit/Agency/collaborating agency           | Name of the activity            | Number of teachers participated in such activites | Number of students participated in such activites |
|---|---|---------------------------------|---|---|
| Student Volunteer                       | Sabarimalai Seva Sangam, Tirupur                      | Service to the people           | 1   | 20  |
| Eye Camp                                | Vasan Eye Care Hospital                               | Eye Camp                        | 5   | 543   |
| Blood Donation Camp                     | AMC Hospital  | Blood Donation Camp             | 5   | 467   |
| Sanitizer and Mask distribution         | Rotary Club, Dharapuram                               | Sanitizer and Mask distribution | 2   | 20  |
| Awarenes program on water conservation  | Vanam Foundat ion, Tirupur.                           | Tree Plantation                 | 4   | 101   |
| ADS Mosquito Covid 19 Awareness Campign | Health Family Welfare Departm ent, Pongalur, Ti rupur | Awareness Campign               | 3   | 67  |
| leprosy Awareness Campign               | Health Family Welfare Departm ent, Pongalur, Ti rupur | Awareness Campign               | 2   | 25  |
| Blood donation camp                     | Rainbow blood bank                                    | Blood donation camp             | 4   | 105   |

[View File](#)

### 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 |
|--------------------|-------------|-----------------------------|----------|
| Inplant Training   | 62          | -                           | 7        |
| Field Trip         | 853         | -                           | 4        |
| Internship         | 25          | -                           | 90       |

No file uploaded.

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

| Nature of linkage | Title of the linkage | Name of the partnering institution/ industry /research lab with contact details | Duration From | Duration To | Participant |
|-------------------|----------------------|---|---------------|-------------|-------------|
| Industry          | On the job Training  | Idea Property Developers  | 25/11/2019    | 29/11/2019  | 8           |
| Industry          | On the job Training  | Sivam Builders  | 04/12/2019    | 06/12/2019  | 9           |
| Industry          | On the job Training  | Annai Poongodi Constructions  | 01/12/2019    | 10/12/2019  | 5           |
| Industry          | Internship           | KICE Infosystems, 2nd floor-RP complex, palladam road, Tirupur-641604           | 03/02/2020    | 01/03/2020  | 1           |
| Industry          | Internship           | Axis Global Automation  | 28/11/2019    | 12/12/2019  | 7           |
| Industry          | On the job Training  | SMC Smart cool Voltas Authorized Centre   | 05/12/2019    | 06/12/2020  | 4           |
| Industry          | On-the-job training  | Barani Ferrocas Pvt Ltd   | 26/11/2019    | 30/11/2019  | 5           |

[View File](#)

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

| Organisation    | Date of MoU signed | Purpose/Activities | Number of students/teachers participated under MoUs |
|-----------------|--------------------|--------------------|---|
| XPLORE IT CORP, | 23/12/2019         | 1. Internship      | 50  |



|   |            |  |     |
|---|------------|--|-----|
| Coimbatore                                    |            | opportunities for students. 2. Organising Workshop and Seminar for Students Activity: Hands on Training on IOT using Raspberry Pi (10.03.2020) |     |
| Adroit Power Systems India Pvt Ltd Coimbatore | 20/09/2019 | Industry Projects  | 5   |
| Mas solar System Pvt Ltd, Coimbatore          | 07/12/2020 | Conducted Seminar, Industrial Visit  | 50  |
| CADD Centre                                   | 16/07/2019 | CAD Training to Ist Year students and Mechanical Students  | 250 |
| Sunshiv Electronics Solutions, Coimbatore     | 20/09/2019 | Industrial Seminar   | 358 |
| SMR   | 30/12/2020 | Professional Growth  | 59  |
| <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 |
| 3500000  | 1694025  |

4.1.2 – Details of augmentation in infrastructure facilities during the year

| Facilities   | Existing or Newly Added |
|--|-------------------------|
| Campus Area  | Existing                |
| Class rooms  | Existing                |
| Laboratories   | Existing                |
| Seminar Halls  | Existing                |
| Classrooms with LCD facilities   | Newly Added             |
| Seminar halls with ICT facilities  | Existing                |
| Video Centre   | Existing                |
| Number of important equipments purchased (Greater than 1-0 lakh) during the current year | Existing                |
| Classrooms with Wi-Fi OR LAN   | 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 |
|---------------------------|---|---------|--------------------|
| Campegi lib               | Fully                                     | 5.87    | 2021               |

#### 4.2.2 – Library Services

| Library Service Type      | Existing |         | Newly Added |        | Total |         |
|---------------------------|----------|---------|-------------|--------|-------|---------|
|                           |          |         |             |        |       |         |
| Text Books                | 26333    | 8221795 | 1415        | 467622 | 27748 | 8689417 |
| Reference Books           | 2176     | 709959  | Nil         | Nil    | 2176  | 709959  |
| e-Books                   | 488      | Nil     | Nil         | Nil    | 488   | Nil     |
| Journals                  | 793      | 1762531 | Nil         | Nil    | 793   | 1762531 |
| e-Journals                | 6626     | 86922   | 950         | 13570  | 7576  | 100492  |
| <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 |
|---|--------------------|---------------------------------------|-----------------------------|
| <b>No Data Entered/Not Applicable !!!</b> |                    |                                       |                             |
| No file uploaded.                         |                    |                                       |                             |

#### 4.3 – IT Infrastructure

##### 4.3.1 – Technology Upgradation (overall)

| Type     | Total Computers | Computer Lab | Internet | Browsing centers | Computer Centers | Office | Departments | Available Bandwidth (MBPS/GBPS) | Others |
|----------|-----------------|--------------|----------|------------------|------------------|--------|-------------|---------------------------------|--------|
| Existing | 555             | 9            | 0        | 1                | 1                | 15     | 76          | 64                              | 0      |
| Added    | 0               | 0            | 0        | 0                | 0                | 0      | 0           | 0                               | 0      |
| Total    | 555             | 9            | 0        | 1                | 1                | 15     | 76          | 64                              | 0      |

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

|               |
|---------------|
| 64 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      |
|--|---|
| Yamaha MG 16XU Mixer FP 2104 110 Two-way Active FRAGILE MR 515 handled microphone (Wireless MIC) AKG CGN 99 Gooseneck Podium MIC MK-10, 110 Two-way Speaker 200W @ 80 ML-1.5, 4X 800W RMS@ 40ohms 2V Power Amplifier Ahuja AWM-520 | <a href="https://www.jayshriram.edu.in/">https://www.jayshriram.edu.in/</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 academic facilities | Expenditure incurred on maintenance of academic facilities | Assigned budget on physical facilities | Expenditure incurred on maintenance of physical facilities |
|--|--|--|--|
| 18000000                               | 12658798   | 4250000                                | 3425557  |

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)

Individual person maintains the infrastructure by maintaining the building, transport and Furniture repair and requirements. Administrative officer monitors the supervisor who is in charge of maintenance. He organizes the work and complete the work in time. Classrooms, Faculty cabin, Laboratories, conference hall and seminar hall are cleaned and maintained regularly by house keeping and non teaching staff. Dustbins are placed in required places and dusts are removed from the bin regularly. System Administrator maintain the computer and accessories with the help of computer lab technicians. The campus is monitored through CCTV Cameras. Stock verification audit takes place annually to verify the stocks and report is given to the HoDS.

[www.jayshriram.edu.in](http://www.jayshriram.edu.in)

**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   | Institutional Scholarship | 455                | 6952795          |
| Financial Support from Other Sources |                           |                    |                  |
| a) National                          | Government Scholarship    | 603                | 24185000         |
| b) International                     | Nil                       | Nil                | Nil              |
| <a href="#">View File</a>            |                           |                    |                  |

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 |
|---|------------------------|-----------------------------|-------------------|
| YOGA                                      | 08/07/2019             | 73                          | JSREC             |
| No file uploaded.                         |                        |                             |                   |

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

| Year | Name of the scheme | Number of benefited students for competitive examination | Number of benefited students by career counseling | Number of students who have passed in the comp. exam | Number of students placed |
|------|--------------------|--|---|--|---------------------------|
|------|--------------------|--|---|--|---------------------------|

|                           |                                    |     |            |     |     |
|---------------------------|------------------------------------|-----|------------|-----|-----|
|                           |                                    |     | activities |     |     |
| 2019                      | Awareness on Higher Education      | Nil | 52         | Nil | 240 |
| 2019                      | Higher Education 1 in next by step | Nil | 87         | Nil | 240 |
| <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 |
| <b>No Data Entered/Not Applicable !!!</b> |                                |   |

## 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 |
| Sakthi Auto Components        | 50                              | 38                        | CTS                           | 78                              | 2                         |
| <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 | Department graduated from                               | Name of institution joined               | Name of programme admitted to |
|------|--|--------------------------|---|--|-------------------------------|
| 2020 | 3  | B.E                      | Department of Electronics and Communication Engineering | MIT-ADT Pune university                  | ME-Telecommunication          |
| 2020 | 3  | B.E                      | Department of Electronics and Communication Engineering | Jai Shriram Engineering College, Tirupur | ME-Applied Electronics        |
| 2020 | 3  | B.E                      | Department of Electronics and Communication Engineering | Jai Shriram Engineering College, Tirupur | MBA-Finance & HR              |
| 2020 | 1  | B.E                      | Department of Computer                                  | CIT, Coimbatore                          | MBA                           |

[View File](#)

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

| Items                                     | Number of students selected/ qualifying |
|---|---|
| <b>No Data Entered/Not Applicable !!!</b> |   |
| No file uploaded.                         |   |

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

| Activity  | Level              | Number of Participants |
|---|--------------------|------------------------|
| Logo Design Contest   | Institution Level  | 30                     |
| Jai Diwas Celebration- Painting, Poster Designing and Poetry                    | Institution Level  | 63                     |
| Speech and Poetry Competition conducted by Tamil Valarchithurai                 | District Level     | 3                      |
| Essay writing, Poem Writing, Drawing conducted by Kaviarasar Kalai Tamil Sangam | District Level     | 50                     |
| Speech and Poetry Competition   | Institution Level  | 65                     |
| Tamil Debate on Atchi Mozhi Tamil   | Institution Level  | 20                     |
| Yoga Day  | Intitutional level | 10                     |
| 7s Cricket Tournament   | Intitutional level | 329                    |
| 5s Men Open Foot Ball Tournament  | Intitutional level | 210                    |
| Annual Sports Day   | Intitutional level | 600                    |
| <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 |
|---|-------------------------|------------------------|-----------------------------|-------------------------------|-------------------|---------------------|
| <b>No Data Entered/Not Applicable !!!</b> |                         |                        |                             |                               |                   |                     |
| No file uploaded.                         |                         |                        |                             |                               |                   |                     |

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

The following council bodies/committees is functioning in our institution forthe improvement • Students involve in all academic and administrative bodies of the institution.Students act as representative in all cells. • Students are members in Internal Quality Assurance Cell. Before the conduction of meeting,agenda is circulated among the student members. Meetings are conducted

periodically and any suggestions and feedback from the students are addressed then and there. • Students are members in various Associations, clubs and cells of the institution. Each student should have atleast one membership in any one of the clubs and cells.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

3687

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

123000

5.4.4 – Meetings/activities organized by Alumni Association :

34

### 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)

The institute has well decentralised of working atmosphere by keeping policies. Administration of the institution is carried out by the Principal with the assistance of HoDs and faculty members. The institute split the responsibilities as per the organization chart of the institution for effective decision making. Faculty members are given responsibilities for the well functioning of the academics. Individual responsibility is taken by HoD to enhance the teaching learning process for improving student Quality. Value added course is arranged to improve technical domain. Industrial training is planned for faculty and students to upgrade their skills in advanced technology. Subjects are allocated based on the willingness given by Faculty. Faculty are given responsibility to prepare effective lecture and lab plan, set question papers and do effective evaluation with proper answer key. Students can express their views through feedback system and necessary action is taken for valuable feedback. Faculty members and students are given opportunities for giving their requirements like laboratoty development, increasing books in library, curriculam enrichment, support for research activities through proper channel. Various clubs and cells are functioning very well to develop the students co-curricular activities.

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

Partial

#### 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   |
|-----------------------|---|
| Admission of Students | Admissions are done as per the prevailing norms of Government of Tamilnadu. However the college takes initiatives to promote the institution among public through various programs. |

|   |   |
|---|---|
| <p>Industry Interaction / Collaboration</p>                       | <p>Faculty members and students are given ample scope for study tour, to visit the nearby industries for better exposure through close interaction. It understands the need of industry and accordingly offers the additional programs as value added courses for students.</p>   |
| <p>Human Resource Management</p>                                  | <p>Institution has mechanism of notification of regular posts and conducts the interviews. The institution recruits faculty members and staff based on the guidelines provided by the affiliated university. Adequate number of qualified teaching and supporting staff are appointed through codified procedures of open advertisement, demonstration interview by Expert committee. Apart from this whenever deserving candidate approaches the Institute, it conducts interviews and offers suitable position. The recruited faculties are deputed to undergo faculty development program to enhance the Teaching Learning Process.</p>  |
| <p>Library, ICT and Physical Infrastructure / Instrumentation</p> | <ul style="list-style-type: none"> <li>• Students can use the institution as well as department library for reference. The library functions from 8.00 am to 7.00 pm in the working days and from 8.00 am to 5.00 pm on Sunday.</li> <li>• The digital library is provided for the students through which they can refer journals and other available materials. Internet and language lab facility are extended to all students.</li> <li>• NPTEL videos are available for students and faculties for all the courses. The institution is endowed with excellent physical infrastructural facilities to support the advanced teaching-learning process. Our College has spacious seminar/conference halls, adequate number of classrooms, well equipped laboratories, chambers for the faculty members and discussion rooms are available to facilitate the academic programs. The Central Library, with adequate space, large number of books and journals, Internet and other support facilities is located at the central place. The infrastructure involves spacious class rooms, proper lighting and ventilation, seating arrangement with proper visibility for both students and lecturers. There is a cafeteria for the students and faculty members. The details of the facilities</li> </ul> |

available with the institution are as under: i) Class Rooms: Our institution has 41 spacious class rooms with proper light arrangement, ventilation and podium. ii) Technology enabled learning facility: Our institution has ICT Class rooms where the provision of LCD Projectors, Wi-Fi connectivity and internet access are given. iii) Seminar Hall: Each department has equipped with one seminar hall to conduct Programs. LCD projectors, OHP and Public Addressing Systems are available to enhance the students learning skills. This hall is regularly used for conducting seminars, workshops and conferences at various levels. The students are regularly promoted for active involvement in paper presentations and group discussions. iv) Laboratories/Workshops: Our Institution has well equipped laboratories with state of the art laboratory equipment. The following laboratories are utilized for students to do their projects and sound knowledge development.

**Research and Development**

Faculty members are encouraged to pursue research by providing them the facilities like individual system, Wi-Fi connection, digital library, equipments and laboratory. Faculty members are allowed to avail special leave to attend the seminars, research activities etc. Most of the faculty members are engaged for Ph.D publication of research articles in National International Journals. Institute encourages the innovations among the students by providing them incubation facilities

**Examination and Evaluation**

- The evaluation system of the institution greatly supports to collect the complete data of the student's academic performance in cycle test, periodical test, model exams and university exams. Based on the collected data, HODs, class advisors and staff members identifies the slow learner category students. To improve their performance remedial actions are taken.
- Question bank is prepared for all the subjects and given to the slow learners. The previous year question papers are given to them. The faculty members prepare answer key for the internal test and discussed it in the



classes. Special care is taken for the failures in the internal exams by conducting evening classes. Assignments are also given for these students. • Economically weak sections are supported by the management to obtain different scholarships from government and various trusts. The institution provides facility to students to pay their fees in installments. The management also provides fee concession to deserving economically weaker students. ? Special classes are conducted for the slow learners and arrear students. ? No candidates were discontinued their studies due to lack of supports.

Teaching and Learning

The institution vision is to transform the education environment in to Outcome Based Education. Major aspect considered in the above task is the faculty development is to achieve the objective. Policies and Strategies are devised in making it and so the accreditation documents and institution readiness for NBA are reflected the above aspect.

Curriculum Development

The Curriculum has framed by the Anna University. At the delivery point, our institution has implemented the practice of keeping track of the coverage of the portions, time taken for completing the syllabus, teaching aids used and evaluation done, etc. in the form of log book and work diary inspected and signed by the stake holders. It is available for inspection at any time and at the end of the academic year, these records are submitted to the Principal. Feedback collected from the students about the teachers' performance and their opinion on the infrastructure provided is analyzed and steps to improve them are worked out. Based on the analysis of the feedback, the faculty members are asked to improve if necessary. Performance of the students in the examinations has been watched and the same is sent to the parents to draw their attention towards the mark and attendance details. Students having difficulties and deficiencies were identified and counseled separately and their problems are sorted out and this reveals the effort of the institution towards providing a quality education.

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

| E-governance area    | Details      |
|----------------------|--------------|
| Administration       | Smart Office |
| Finance and Accounts | Tally ERP    |

## 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/<br>workshop attended<br>for which financial<br>support provided   | Name of the<br>professional body for<br>which membership<br>fee is provided | Amount of support |
|------|-----------------|---|---|-------------------|
| 2019 | Ms.A.S.Narmadha | Introduction<br>to Internet of<br>Things  | Nill  | 1000              |
| 2019 | Ms.A.S.Narmadha | Two days<br>Workshop on IoT<br>using Raspberry<br>pi Python<br>Programming            | Nill  | 750               |
| 2019 | Ms.G.Kalaiarasi | Introduction<br>to Embedded<br>system design  | Nill  | 1000              |
| 2019 | Ms.G.Kalaiarasi | Digital Image<br>Processing   | Nill  | 1000              |
| 2019 | Dr.J.Nandhini   | Advancements<br>in 5G and IoT,<br>Latest trends<br>in RF Microwave                    | Nill  | 2000              |
| 2020 | Mr.P.Sussendhar | ICTAMDEMES<br>Iot In Cad 4.0<br>With Augumented<br>Reality Glass                      | Nill  | 3000              |
| 2019 | Ms.N.Gomathi    | A Study<br>depicting the<br>advent of<br>Artificial<br>Intelligence in<br>Health Care | Nill  | 3500              |
| 2019 | Mr.K.Kathiresan | Visualization<br>of virtual<br>environment<br>through labView<br>platform             | Nill  | 2500              |
| 2019 | Ms.A.Gokilavani | Sales<br>Forecasting<br>Using<br>prediction<br>Analytics<br>Algorithm                 | Nill  | 2800              |
| 2019 | Ms.S.Menaga     | Two days  | Nill  | 750               |

Workshop on IoT  
Using  
Raspberrpi  
Python  
Programming

[View File](#)

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

| Year | Title of the professional development programme organised for teaching staff | Title of the administrative training programme organised for non-teaching staff | From date  | To Date | Number of participants (Teaching staff) | Number of participants (non-teaching staff) |
|------|--|---|------------|---------|---|---|
| 2019 | Advanced Technologies on Google Tools  | Nil   | 23/07/2019 | Nil     | 53                                      | Nil   |
| 2019 | Recent Developments and Innovations in CSIR                                  | Nil   | 06/08/2019 | Nil     | 61                                      | Nil   |
| 2019 | Power to conserve Energy   | Nil   | 13/09/2020 | Nil     | 60                                      | Nil   |
| 2020 | Research methodologies and perspectives                                      | Nil   | 19/06/2020 | Nil     | 49                                      | Nil   |

[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 |
|---|---------------------------------|------------|------------|----------|
| Hands on Training On Motor And Power Control -Design And Verification Using Matlab Simulink | 1                               | 23/09/2019 | 27/09/2019 | 5        |
| FDP on Internet On Things   | 1                               | 29/10/2019 | 02/11/2019 | 5        |
| ATAL academy FDP on recent  | 2                               | 23/09/2020 | 27/09/2020 | 5        |

|   |   |            |            |   |
|---|---|------------|------------|---|
| advances in signal processing,RF wireless communication               |   |            |            |   |
| Five day Faculty development program on advances in civil engineering | 1 | 26/05/2020 | 30/05/2020 | 5 |
| <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 |
| 105       | 105       | 13           | 13        |

6.3.5 – Welfare schemes for

| Teaching   | Non-teaching  | Students   |
|--|---|--|
| Group Insurance Policy PF Marriage leave Hostel accommodation Periodic revision of pay scales of the staff. Free bus facility Sanction of Maternity leave Casual leave / Medical leave. Sabbatical leave Duty leaves facility wherever applicable. Honorarium for publication of articles. Annual Gift | Periodic revision of pay scales of the staff. Free bus facility. Sanction of Maternity leave with salary Casual leave / Medical leave. Contribution to EPF. Group Insurance Policy Salary advance facilities are provided Free food | Training for placement On campus Interview Bank loan arrangement Management scholarship Sponsorship from industrialists Group insurance Fees waiver for poor student, single parent students Accidental Benefit Schemes, Government Scholarships |

## 6.4 – Financial Management and Resource Mobilization

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

|  |
|--|
| The institution conducts internal and external financial audits regularly and the records are maintained properly. |
|--|

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 |
|--|-------------------------------|---------|
| <b>No Data Entered/Not Applicable !!!</b>                |                               |         |
| No file uploaded.  |                               |         |

6.4.3 – Total corpus fund generated

|   |
|---|
| <b>No Data Entered/Not Applicable !!!</b> |
|---|

## 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       | Nil    | Nil    | Yes    | HoD       |
| Administrative | Nil    | Nil    | Yes    | Principal |

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

Letters sent to Parents (attendance and continuous internal assessment exams) about their wards. • Parents participation in Graduation Day Function. • Parents in Offer of Appointment Letter Distribution. • Parents Feedback recorded by the respective departments. • Parent teacher meets at the commencement of the academic year in which all the developmental activities done in the college are explained. • Parents participation in Annual Day Function.

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

Individual training for faculty members Research methodologies and perspective for faculty members Learning Management Systems workshop for faculty members

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

MoU Signed with Industries Placement training NBA initiatives for ECE and CSE Department

6.5.5 – Internal Quality Assurance System Details

|  |     |
|--|-----|
| a) Submission of Data for AISHE portal | Yes |
| b) Participation in NIRF               | No  |
| c) ISO certification                   | No  |
| d) NBA or any other quality audit      | 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 |
|---|------------------------------------|-------------------------|---------------|-------------|------------------------|
| <b>No Data Entered/Not Applicable !!!</b> |                                    |                         |               |             |                        |
| <a href="#">View File</a>                 |                                    |                         |               |             |                        |

**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 |
| Women Development Cell | 08/03/2019  | 08/03/2019 | 153                    | Nil  |
| Human Trafficking      | 21/12/2020  | 21/12/2020 | 95                     | 123  |
| Online Safety          | 17/08/2020  | 17/08/2020 | 86                     | 132  |

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

**No Data Entered/Not Applicable !!!**

### 7.1.3 – Differently abled (Divyangjan) friendliness

| Item facilities     | Yes/No | Number of beneficiaries |
|---------------------|--------|-------------------------|
| Physical facilities | Yes    | Nil                     |
| Provision for lift  | Yes    | Nil                     |
| Ramp/Rails          | Yes    | Nil                     |
| Rest Rooms          | Yes    | Nil                     |

### 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              | Nil  | Nil  | Nil  | Nil      | Nil                | Nil              | Nil  |
| No file uploaded. |  |  |      |          |                    |                  |  |

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

| Title           | Date of publication | Follow up(max 100 words)  |
|-----------------|---------------------|---|
| Hand Book 19-20 | 26/06/2019          | <a href="https://www.jayshriram.edu.in/handbook">https://www.jayshriram.edu.in/handbook</a> |

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

| Activity          | Duration From | Duration To | Number of participants |
|-------------------|---------------|-------------|------------------------|
| Independence Day  | 15/08/2019    | 15/08/2019  | 84                     |
| Republic Day      | 26/01/2020    | 26/01/2020  | 117                    |
| No file uploaded. |               |             |                        |

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

**Energy Conservation** • The UPS batteries are maintained in good condition which reduces electric energy for charging of batteries. • Energy conserving lights such as Compact Fluorescent Lamp (CFL) and LEDs are used in the Institution's campus and hostels. • The solar water heaters are used in hostels. **Plant Saplings** • Saplings plantation as well as Environmental Awareness programs are conducted by NSS and ECO Club. • Campus enriched with various types of plants. **Quality of drinking water** • In campus, Reverse Osmosis (RO) purified water plant supplies safe drinking water in the college campus and both hostels. • 5000 litres of clean and healthy drinking water supply per day is provided through this treatment plant. **Rain water Harvesting** • Each block is provided with Rain water harvesting facility and the rain water is allowed to percolate underground through the structures in order to maintain and improve the groundwater table. **Solid Waste management** • In the campus, various types of solid wastes are generated. These wastes are collected together and separated properly to an external recycling agency. **Waste water management** • Waste water produced from college and hostel are drained properly.

## 7.2 – Best Practices

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

1. Title of the Practice Industry Institute Interaction 2. Objectives of the

Practice 1. Faculty and students are motivated to enhance their knowledge in advanced industrial technologies. 2. Industry persons are invited as resource persons for sharing their knowledge 3. Students have undergone inplant training. 4. Faculties are involved in consulting activities. 5. Faculty and students have been presented and published their innovative research papers in various national and international conferences. 3. The Context Students feel difficult to apply theoretical concepts in industries when they go for work. It is mandatory for every student to undergo in plant training and also for faculty members to improve their practical knowledge, industrial training is mandatory. Faculty members and students will get an opportunities to interact with industrialist and upate their skills. 4. The Practice Industry Institute Interaction process is having the following activities which have been practiced. 1. All faculties must visit industries twice in a year. 2. All faculties must expand their industrial interaction. 3. Students should undergo in plant training during semester holidays. 4. Students have to prepare report and present PPT for what they have learned during the in plant training period. 5. Students have to do their final year projects in any one reputed industries. 5. Evidence of Success More number of students has undergone in plant training and improving placement in core industries. 6. Problems Encountered and Resources Required Problems Encountered: 1. Faculty members find difficult to balance the regular academics and industrial training. 2. Most of the core industries allow the students for payments. Resources Required: 1. Additional efforts and commitments required from the faculty members. 2. MOU signed with well advanced industries at the maximum level. 1. Title of the practice Placement Training 2. Objectives of the Practice To provide placement training for all placement willing students To provide better placement opportunities To enrich the students knowledge to meet the industrial requirements To make the students as an employable engineer. 3. The Context There is gap between skilled engineers and industrial requirements. Because of rural area, communication skill is laggin 4. The Practice Soft skill training is given by placement team Technical training is provided by all departments. Value added courses are conducted to meet the industrial needs. 5. Evidence of Success More number of students are placed in both core and MNC .240 offers are provided to the students. 6. . Problems Encountered and Resources Required Problems Encountered Due to rural background students, communication skill training needs more attention. Resources Required Segregate the students from first onwards, Specific training is provided for needed students. More number of resource persons should be from industries to improve the core placement. Need to concentrate in internship come job offers.

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

<https://www.jayshriram.edu.in>

### 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

Jai Shriram Engineering College is promoted by Shenthil Velevan Charitable Trust with a motive of promoting higher education to the rural community students. Institute has a strong Industry collaboration as its trust members have 3 major manufacturing divisions in Coimbatore with international reputation. College is renowned for its Industry Academia Interaction. The Academic Council and Governing Council of the institute are constituted by Industry and academic personals from reputed organizations. Their input in terms of student centric learning and Innovative teaching methodologies enhance the student knowledge and produces good academic results in university examinations. With the motive of promoting rural students, various teaching

learning methodologies such as Activity based learning, Collaborative learning, Experiential learning, ICT based teaching and model based content delivery supports in increasing the creativity among student minds. Resource persons are invited from industries for Seminars/ Guest Lectures/ Webinars/ Symposia/ Conferences and organized various trainings like Value Adding Courses / Certificate courses. MoUs signed with Industries provide opportunities for Industrial training, In-plant training and Internship opportunities. This provides a platform for improving the student as Industry ready graduates. Research and development cell of the institute organizes various events and competitions every year for the students to bring out the innovations in terms of Project Expo (NOVA). Real time and society oriented problems are addressed and the best projects are awarded every year. Research development programmes are organized for the Faculty to motivate them to publish papers in reputed journals, file and publish patents and undertake sponsored research in industries and organizations. To uphold research activities among the faculty and students, Institute has established various centres like • Centre of Innovations in Industrial applications • Centre for Internet of Things • Centre for Embedded Systems Research oriented competitiveness are developed by Innovative projects designed by the student using these centres. Students showcase their talents by participating in the project contest organized by various institutions and won prizes. Institute has established Institute Innovation Council (IIC) in association with Ministry of Education (MoE) to foster the culture of Innovation. Various events are organized including Webinars, Workshops and Competitions and motivated the students to apply for project awards.

Provide the weblink of the institution

<https://www.jayshriram.edu.in>

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

National accreditation of accreditation for ECE and CSE Engineering MoU with corporate and MNC'S Short term and Long term Internship for students and faculty members. Launching and creating modernized Lab facilities for B.Tech Fashion Technology Advanced Lab Facilities