



Yearly Status Report - 2019-2020

Part A

Data of the Institution

| | | |
|---|--|---|
| 1. Name of the Institution | | ST. MARY'S WOMEN'S ENGINEERING COLLEGE |
| Name of the head of the Institution | | Dr B V S T Sai |
| Designation | | Principal |
| Does the Institution function from own campus | | Yes |
| Phone no/Alternate Phone no. | | 08644254488 |
| Mobile no. | | 9010455598 |
| Registered Email | | stmwprincipal@stmarysgroup.com |
| Alternate Email | | stmw.principal@gmail.com |
| Address | | Budampadu , |
| City/Town | | Guntur |
| State/UT | | Andhra Pradesh |
| Pincode | | 522017 |
| 2. Institutional Status | | |
| Affiliated / Constituent | | Affiliated |
| Type of Institution | | Women |
| Location | | Rural |
| Financial Status | | private |
| Name of the IQAC co-ordinator/Director | | GAJJALA ASHOK |

| | |
|------------------------------|--------------------------------|
| Phone no/Alternate Phone no. | 09494099897 |
| Mobile no. | 7013227891 |
| Registered Email | stmwprincipal@stmarysgroup.com |
| Alternate Email | ashokgajjala@stmarysgroup.com |

3. Website Address

Web-link of the AQAR: (Previous Academic Year)

<https://stmaryswomens.com/aqar/>

4. Whether Academic Calendar prepared during the year

Yes

if yes, whether it is uploaded in the institutional website: Weblink :

<https://stmaryswomens.com/academic-calendar-2019-20/>

5. Accrediation Details

| Cycle | Grade | CGPA | Year of Accrediation | Validity | |
|-------|-------|------|----------------------|-------------|-------------|
| | | | | Period From | Period To |
| 1 | B | 2.05 | 2017 | 12-Sep-2017 | 11-Sep-2022 |

6. Date of Establishment of IQAC

08-Aug-2016

7. Internal Quality Assurance System

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 |
|--|------------------|--------------------------------------|
| Practical Demonstration on Prevention Methods on Fire Safety by CFO Fire Department | 11-Dec-2019 1 | 550 |
| A 2 Day Workshop on PCBDesign | 10-Dec-2019 2 | 350 |
| A Workshop on Signals Image Processing using MATLAB | 07-Dec-2019 1 | 125 |
| Guest Lecture on General Sence of Mathematical aplications | 07-Dec-2019 1 | 250 |
| Parents Meeting to enabling comfortable environment for learning centric Environment | 05-Dec-2019 1 | 300 |

| | | |
|--|------------------|------|
| A Seminar on Education and Career Planning | 28-Nov-2019 1 | 200 |
| Cebrations of Constitution Day to build national Spirt and Legel Awareness | 26-Nov-2019 1 | 850 |
| Freshers Day Celebrations to Induct Quality aspects of education and Intruducing Proesional Envinronment | 20-Sep-2019 1 | 1250 |
| Engineers Day 15th Septembar 2019 to enchace the technical Skills | 14-Sep-2019 1 | 450 |
| Teachers Day Celebrations to build meaning Guru- Shishya Sysems | 05-Sep-2019 1 | 1000 |

L::asset('/', 'public/').'/public/index.php/admin/get_file?
file_path='.encrypt('Postacc/Special_Status/'. \$instdata->upload_special_status)}}}

[View Uploaded File](#)

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 |
|--------------------------------|--------|----------------|-----------------------------|--------|
| NIL | NIL | NIL | 2020 0 | 0 |

No Files Uploaded !!!

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

Yes

Upload latest notification of formation of IQAC

[View Link](#)

10. Number of IQAC meetings held during the year :

33

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 Uploaded 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)

Workshops with Hands on Experience

Technical Paper Writings

Technical fest to Improve multitalented skills

Project Expos to Strengthen the Product development Skills

Cultural Programs and Social Services programs to improve various life skills

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 |
|---|---|
| Practical Demonstration on Prevention Methods on Fire Safety by CFO Fire Department | 1. student have learned how protect in various situation in natural disasters |
| Teachers Day Celebrations to build meaning Guru Shishya Sytems | 1. Students are become too disciplined . 2. Students are too attentative in Classes . |
| " Engineers Day 15th September 2019" to enhance the technical Skills | 1. Presentation Skills Increased . 2. Problem Solving ability improves a lot. |
| Freshers Day Celebrations to Induct Quality aspects of education and Introducing Professional Environment | 1. Students got th clear cut idea about the engineering . 2. Student have feel comfortable to learn |
| Celebrations of " Constitution Day " - to build national Spirt and Legal Awareness | 1. Student are helping needy people in legal advices . 2. They have learned how approach different government bodies to get benefits from governments |
| A Seminar on " Education and Career Planning " | 1.Percentages Placement Increased . 2. Percentage of choosing Higher Education increases |
| " Parents Meeting" to enabling comfortable environment for learning centric Environment | 1.Student to faculty gaps to understand subject are eliminated and hence pass percentage have increased |
| Guest Lecture on " General Sense of Mathematical applications " | 1. Students are learned simple techniques to understand mathematics |

| | |
|---|---|
| | and the understanding of engineering subjects improves allot . |
| A Workshop on " Signals & Image Processing using MATLAB | 1. students have build sample projects on Image processing |
| A 2-Day Workshop on PCB Design | 1. Students have designed PCBs and develops applications on it. |

[View Uploaded File](#)

| | |
|---|-----|
| 14. Whether AQAR was placed before statutory body ? | Yes |
|---|-----|

| Name of Statutory Body | Meeting Date |
|-------------------------------------|--------------|
| GOVERNING COUNCIL OF ST. MARY GROUP | 25-Jan-2020 |

| | |
|---|----|
| 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 | 10-Mar-2020 |
|--------------------|-------------|

| | |
|---|-----|
| 17. Does the Institution have Management Information System ? | Yes |
|---|-----|

| | |
|--|--|
| If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words) | MIS module manages entire information records of students, faculty and employees, Fees scholarship details , transportation details, Library details , Examination Modules, Grievance Cell, Antiragging Cell. we will conduct assignments in online mode using MIS with instant Feedback System. |
|--|--|

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. I words

The curriculum for different subjects taught in the College is set by the JNTUK. As an Affiliated college, it follows the syllabus and curriculum by the JNTUK. In addition, the teachers of the College regularly attend meetings held at the Departments of the University regarding the curriculum setup/ revision. The curriculum is intimated by the University to the College through regular circulars and the University website. The College has put up the entire syllabus and curriculum on its website. The Time Committee of the College designs a master time-table that distributes contact classes, contact/tutorial classes and practical classes in a manner that makes teaching efficient. Special in-house customized software designed for the students of the Department of Computer Science is being used to ensure optimal usage of the available classrooms and design the best suitable table for each department. For transparency and efficiency teacher timetables and class time-tables are prominently displayed on the notice board for students and are also available on the College website. The Department holds monthly meetings to assess the covered curriculum and discuss any difficulties the students and teachers may be facing in the classes. Reports of these meetings are sent to the Principal. Each class has a class representative and it is his or her duty to report to the Teacher-in-charge in case of problems and difficulties being faced in the teaching-learning process. Special attention is given to cater to the needs of both Basic and Advanced learners. During the lockdown, the institution makes use of the faculty members are available to the students through different modes like Microsoft Teams meetings (application), Google meet (meet.google.com) and Google Hangouts for the classes. There was a free flow of knowledge through Microsoft Teams for providing study material, creating quizzes and giving assignments. Teachers shared relevant material from Microsoft Teams, audio video lectures, online links, a link to the library accessing from home, ICT initiatives by MHRD. Audio lectures were sent to students who do not have high internet connectivity. The faculty attended the guidelines, paper setting and evaluation meetings in the online mode during the lockdown.

1.1.2 - Certificate/ Diploma Courses introduced during the academic year

| Certificate | Diploma Courses | Dates of Introduction | Duration | Focus on employability/entrepreneurship | D |
|-------------|-----------------|-----------------------|----------|---|---|
| NIL | NIL | Nil | 0 | NIL | |

1.2 - Academic Flexibility

1.2.1 - New programmes/courses introduced during the academic year

| Programme/Course | Programme Specialization | In |
|------------------|--|----|
| MBA | Master In Business Administration (Agribusiness Management/Entrepreneurship) | 25 |
| MBA | Master In Hospital Administration | 25 |
| MBA | Management (Logistics And Supply Chain Management) | 25 |

No file uploaded.

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

| Name of programmes adopting CBCS | Programme Specialization | Date of implementation CBCS/Elective System |
|----------------------------------|--|--|
| BTech | ECE | 10/06/2019 |
| BTech | CSE | 10/06/2019 |
| Mtech | CSE | 10/06/2019 |
| Mtech | VLSI | 10/06/2019 |
| MBA | Master In Business Administration (Agribusiness Management/Entrepreneurship) | 10/06/2019 |
| MBA | Master In Hospital Administration | 10/06/2019 |
| MBA | Management (Logistics And Supply Chain Management) | 10/06/2019 |

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

| | Certificate | Diploma Courses |
|--------------------|-------------|-----------------|
| Number of Students | 60 | 0 |

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 | |
|---|----------------------|--|
| Engineers Day 15th September 2019 to enhance the technical Skills | 15/09/2019 | |
| A Seminar on Education and Career Planning | 28/11/2019 | |
| Seminar on Personality Development Classes for faculties on Realtime Facts by G Lakshmaiah -DSP Guntur. | 25/01/2020 | |
| Desire -2020 - A Motivational Speech by Mrs.Vijaya Lakshmi | 28/01/2020 | |
| Workshop on Angular JS by Mr. Yetendra and Ms. Kiranmai | 29/02/2020 | |
| Companies Specified Training Program to Exchange Placement Oriented Skills | 03/03/2020 | |

[View Uploaded File](#)

1.3.2 - Field Projects / Internships under taken during the year

| Project/Programme Title | Programme Specialization | No. of students enrolled for Field Projects / Internships |
|-------------------------|--------------------------|---|
| MBA | MBA | 123 |
| BTech | ECE | 22 |
| BTech | CSE | 39 |

[View Uploaded File](#)

1.4 - Feedback System

1.4.1 - Whether structured feedback received from all the stakeholders.

| | |
|-----------|----|
| Students | Ye |
| Teachers | Ye |
| Employers | Ye |
| Alumni | Ye |
| Parents | Ye |

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

Feedback Obtained

The feedback is taken by the statutory Feedback Committee on teaching infrastructure from the students in November and April. The feedback covers the information on pedagogy, discipline and teaching ethics. It also views on infrastructure like college canteen, laboratory facilities, sports facilities. The feedback was analyzed with the help of updated software using statistical tools and graphs. The feedback reports were discussed with the teachers and was also discussed in separate meetings with the Principal. The Feedback Committee reviewed the feedback forms with IQAC and certain modifications were suggested so that precise quantitative and qualitative feedback can be got from the students.

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 |
|-----------------------|--------------------------|---------------------------|--------------------------------|
| BTech | CSE | 240 | 176 |
| BTech | ECE | 240 | 199 |
| MBA | MBA | 120 | 97 |
| MBA | MHA | 60 | 26 |
| MBA | MLSM | 60 | 0 |
| MBA | AGRI BUSINESS MANAGEMENT | 60 | 0 |
| Mtech | CSE | 30 | 20 |
| Mtech | ECE VLSI | 30 | 23 |

[View Uploaded 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 | te |
|------|---|---|---|---|----|
|------|---|---|---|---|----|

| | | | | |
|------|-----|-----|----|----|
| 2019 | 375 | 166 | 91 | 50 |
|------|-----|-----|----|----|

2.3 - Teaching - Learning Process

2.3.1 - Percentage of teachers using ICT for effective teaching with Learning Management System 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-techniques |
|----------------------------|---|-----------------------------------|----------------------------------|----------------------------|--------------|
| 146 | 146 | 10 | 6 | 2 | |

[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)

1. Each department follows the Mentor-Mentee program in which a group of students are assigned to a teacher who mentors them. 2. Students meet their mentor on a frequent basis to iron out any issues they are facing. This helps in counselling and mentoring their personal and academic issues. A proper record of the same is maintained by the teachers and the department. The Mentor-Mentee Program is quite effective in identifying the slow and fast learners. 3. During the Covid-19 Pandemic, when the physical, mental trauma among the students was at peak, all the assigned mentors stayed in constant touch with the assigned group of students. 4. Our college has a professional Clinical Psychologist who visits the students once a week. 5. The personal mobile numbers of the team members were shared with all such students. The team was in constant touch with all these students and interacted with them regularly through WhatsApp and provided counselling (physical, social or emotional). 6. The societies and clubs like NSS, Eco Club, Women development Cell, and 8. Thrust: Entrepreneurship Cell, support students towards environment, gender equality, women empowerment, health, management and social responsibility. 9. The Placement and Career Development Cell of the college organized Personal Development classes for the final year students of the college on weekly basis by the expert faculty. 10. The Departments of the college organize Career Guidance Seminars and Counselling Sessions for the students. The Department of English organized a series of Career-Counselling Sessions for the students on the topics: Media as a Career (Dr.Mahesh), Corporate Communications as a Career (Ms. Sk Nazim), and Tests in Competitive Examinations (Mr.Prasanth) 11. The college has a Fee Concession Committee, an Internal Complaint Committee, an Anti- 12. Ragging Committee, and a Student Grievance Redressal Committee to cater to the needs of the students.

| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee |
|--|-----------------------------|-----------------|
| 1862 | 146 | 1 |

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 new appointments |
|-----------------------------|-------------------------|------------------|--|-------------------------|
| 3 | 3 | 0 | 3 | |

2.4.2 - Honours and recognition received by teachers (received awards, recognition, fellowships 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, International level |
|---------------|---|-------------|---|
| 2019 | nil | Professor | nil |

| | | | |
|------|-----|-----------|-----|
| 2020 | nil | Professor | nil |
|------|-----|-----------|-----|

[View Uploaded File](#)

2.5 - Evaluation Process and Reforms

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

| Programme Name | Programme Code | Semester/ year | Last date of the last semester-end/ year-end examination | Date of declaration semester-end/ year-end examination |
|----------------|----------------|----------------|--|--|
| BTech | ECE | 1-2 | 01/12/2020 | 30/12/2020 |
| BTech | ECE | 2-2 | 01/12/2020 | 30/12/2020 |
| BTech | ECE | 3-2 | 01/12/2020 | 30/12/2020 |
| BTech | ECE | 4-2 | 01/12/2020 | 30/12/2020 |
| BTech | CSE | 1-2 | 01/12/2020 | 30/12/2020 |
| BTech | CSE | 2-2 | 01/12/2020 | 30/12/2020 |
| BTech | CSE | 3-2 | 01/12/2020 | 30/12/2020 |
| BTech | CSE | 4-2 | 01/12/2020 | 30/12/2020 |
| Mtech | CSE AND VLSI | 1-2 | 01/12/2020 | 30/12/2020 |
| MBA | MBA | 1-2 | 01/12/2020 | 30/12/2020 |

No file uploaded.

2.5.2 - Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level

1. We do conduct the unit wise assessment tests to enable the students to know the level of skillset they have acquired. 2. As per the JNTUK Curriculum, students undergo two subjective and two objective, and two assignments can be conducted as the Mid 1 and Mid 2. They will take 20 marks each. 3. 80 best mind and assignments as well. So, all these tests will be conducted for 30 marks as internal, which depends on university regulations. 4. Semester exams will be conducted for 70 marks. 5. Special attention is given to cater to the needs of both the Slow and Advanced learners. 6. Continuous Internal Assessment evaluation of students is done by the faculty through innovative teaching pedagogies and techniques like case studies, group visits/ project works etc. 7. The College has developed software for Student Attendance Management which calculates attendance internal marks on a daily basis which is accessible to the students as well. 8. The college strictly monitors the attendance of the students and the attendance is provided to the students for the end-semester exams provided they fulfill the required minimum attendance. 9. Due to lockdown and pandemic conditions, the internal assessment was only one component for internal assessment, namely the Assignments. 10. Even Semester 2019-20 (January-May 2020) as per JNTUK notification.

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

1. St. Mary's Womens Engineering College being affiliated college of JNTUK follows the Academic Calendar prepared by JNTUK for Admissions and Examinations. 2. However, all the Departments of the college make their own academic calendar for their respective departments.

individual Academic Calendars before the commencement of session for and effective functioning. 3. All the rules regarding Pass Percentage, Promotion Rules, Reappearance 4. for improvements, letter grades and points are available on 5. the website of the college at the weblink <https://stmaryswomens.com/> 6. Due to Covid-19 Pandemic, the Academic for the students of Even Semester 2019-20 (January-May 2020) was revised and students were being promoted to the next higher semester based on the internal assessment and previous year performance and conducted examination 7. A special cell was created in the college to address the concerns and difficulties of the students for the smooth conduct of the exams.

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://www.stmaryswomens.com/about-us/>

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 |
|----------------|----------------|--------------------------|---|---|
| IE | MBA | MBA | 76 | 72 |
| 4 | BTech | 4-2 ECE | 92 | 70 |
| 5 | BTech | 4-2 CSE | 147 | 132 |
| 4 | BTech | 3-2 ECE | 138 | 57 |
| 5 | BTech | 3-2 CSE | 141 | 96 |
| 4 | BTech | 2-2 ECE | 183 | 62 |
| 5 | BTech | 2-2 CSE | 183 | 83 |
| 4 | BTech | 1-2 ECE | 162 | 13 |
| 5 | BTech | 1-2 CSE | 191 | 28 |
| 58 | Mtech | 1-2 M.TECH CSE | 23 | 7 |

[View Uploaded File](#)

2.7 - Student Satisfaction Survey

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

<https://www.stmaryswomens.com/sss/>

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 organizations

| Nature of the Project | Duration | Name of the funding agency | Total grant sanctioned | Amount received in the year |
|-----------------------|----------|----------------------------|------------------------|-----------------------------|
| Any Other (Specify) | 0 | NIL | 0 | 0 |

[View Uploaded File](#)

3.2 - Innovation Ecosystem

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

| Title of workshop/seminar | Name of the Dept. |
|--|-------------------|
| Guest Lecture on General Sense of Mathematical applications | S and H |
| A Workshop on Signals Image Processing using MATLAB | ECE |
| A 2-Day Workshop on PCBDesign | ECE |
| A workshop on IoT Web designing by Lalitha from Hyper Techno Solutions | CSE |
| Guest Lecture on DATA Science by V.G.S Rakesh Kumar from Finnair . | CSE |
| Workshop on Angular JS by Mr. Yetendra and Ms. Kiranmai | CSE |

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 |
|-------------------------|-----------------|-----------------|---------------|
| NIL | NIL | NIL | 01/12/2020 |

[View Uploaded File](#)

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

| Incubation Center | Name | Sponsered By | Name of the Start-up | Nature of Start-up | Date of Cor |
|-------------------|------|--------------|----------------------|--------------------|-------------|
| NIL | NIL | NIL | NIL | NIL | 01/1 |

[View Uploaded File](#)

3.3 - Research Publications and Awards

3.3.1 - Incentive to the teachers who receive recognition/awards

| State | National | International |
|-------|----------|---------------|
| 0 | 0 | 0 |

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

| Name of the Department | Number of PhD's Awarded |
|------------------------|-------------------------|
| NOT APPLICABLE | 0 |

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

| Type | Department | Number of Publication | Average Impact Factor |
|---------------|------------|-----------------------|-----------------------|
| International | CSE | 13 | 2 |
| International | ECE | 1 | 6 |
| International | S and H | 2 | 1.0 |

[View Uploaded File](#)

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

| Department | Number of Publication |
|------------|-----------------------|
| CSE | 1 |

[View Uploaded File](#)

3.3.5 - Bibliometrics of the publications during the last Academic year based on average citation 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 |
|---|------------------------|--|---------------------|----------------|---|
| Is Every Application That Are Using In Mobiles Are Secure | Ashok Gajjala | IJSART - Volume 6 Issue 5 - MAY 2020 | 2020 | 4 | St.Marys Group of Institutions Guntur |
| Hybrid Invasive Weed Optimization with Tabu Search Algorithm for An Energy and Deadline Aware Scheduling in Cloud Computing | pradeep venuthurumilli | International Journal of Advanced Computer Science and Applications | 2020 | 1 | St.Marys Womens Engineering College |
| An Energy and Deadline Aware Scheduling using greedy algorithm for cloud computing | pradeep venuthurumilli | Ingelerle des Systems d Information | 2019 | 1 | St.Marys Womens Engineering College |
| Hybrid Invasive weed optimization with greedy algorithm for an energy and | pradeep venuthurumilli | International Journal of Innovative Technology and Exploring Engineering | 2019 | 1 | St.Marys Womens Engineering College |

| | | | | | |
|--|------------------------|---|------|---|------------------------------------|
| deadline aware scheduling in cloud computing | | | | | |
| An energy and deadline aware scheduling using invasive weed optimization algorithm for cloud computing | pradeep venuthurumilli | Journal of Advanced Research in Dynamical and Control Systems | 2019 | 1 | St.Marys Womens Engineerin College |
| Design Analysis of an Abstraction of Aspect Based System | Latha A | Journal of applied science and computations | 2019 | 1 | St.Marys Womens Engineerin College |

[View Uploaded File](#)

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 | |
|---|----------------|---|---------------------|---------|---|----|
| An Analytic Method for user behaviour Pattern in Multi media social Network | g. jyothrimai | Journal of applied science and computations | 2019 | 1 | 1 | Er |
| Design of user Behaviour in Structured E-Commerce Website | SD Nagul Meera | Journal of applied science and computations | 2019 | 1 | 1 | Er |
| Structural Anaysis of Public Cloud Protocol of Cloud Data | kuldip Chowhan | Journal of applied science and computations | 2019 | 1 | 1 | Er |
| Ananalysis of two layers clustering Model for | k suneel kumar | Journal of applied science and computations | 2019 | 1 | 1 | Er |

| | | | | | | |
|--|------------------------|--|------|---|---|----|
| Mobile Customer | | | | | | |
| Modifications of Heirarchical Attribute-Based Encryption Access Control for Method mobile cloud computing | prasanthi V | Journal of applied science and computations | 2019 | 1 | 1 | E1 |
| Design Analysis of an Abstraction of Aspect Based System | Latha A | Journal of applied science and computations | 2019 | 1 | 1 | E1 |
| An energy and deadline aware scheduling using invasive weed optimization algorithm for cloud computing | pradeep venuthurumilli | Journal of Advanced Research in Dynamical and Control Systems | 2019 | 1 | 1 | E1 |
| Hybrid Invasive weed optimization with greedy algorithm for an energy and deadline aware scheduling in cloud computing | pradeep venuthurumilli | International Journal of Innovative Technology and Exploring Engineering | 2019 | 2 | 2 | E1 |
| An Energy and Deadline Aware Scheduling using greedy algorithm for cloud computing | pradeep venuthurumilli | Ingelerle des Systems d Information | 2019 | 1 | 1 | E1 |
| Hybrid Invasive Weed Optimization with Tabu Search Algorithm for An Energy and Deadline Aware Scheduling in | pradeep venuthurumilli | International Journal of Advanced Computer Science and Applications | 2020 | 1 | 1 | E1 |

Cloud
Computing

[View Uploaded File](#)

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

| Number of Faculty | International | National | St |
|-----------------------------|---------------|----------|----|
| Attended/Seminars/Workshops | 3 | 42 | (|

[View Uploaded File](#)

3.4 - Extension Activities

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

| Title of the activities | Organising unit/agency/ collaborating agency | Number of teachers participated in such activities | Number particip ac |
|--|--|--|--------------------|
| Teachers Day Celebrations to build meaning Guru- Shishya Sytems | NSS | 5 | |
| Cebrations of Constitution Day - to build national Spirt and Legel Awareness | NSS | 10 | |
| Parents Meeting to enabling comfortable environment for learning centric Environment | NSS | 4 | |
| Republic Day Celebrations to bulid sprit of nationalism. | NSS | 4 | |
| Blood Group Donation Camp : Serve Needy | NSS | 5 | |
| Womens Day Celebrations for Gender Equalization | NSS | 6 | |

[View File](#)

3.4.2 - Awards and recognition received for extension activities from Government and other recd bodies during the year

| Name of the activity | Award/Recognition | Awarding Bodies | Number of students |
|----------------------|-------------------|-----------------|--------------------|
| NIL | NIL | NIL | 0 |

[View File](#)

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

| Name of the scheme | Organising unit/Agency/collaborating agency | Name of the activity | Number of teachers participated in such activites | N s part suc |
|--------------------|---|----------------------|---|--------------|
|--------------------|---|----------------------|---|--------------|

| | | | | |
|-----|-----|---|----|--|
| NSS | NSS | Go Green Program :SWACH BHARATH | 50 | |
| NSS | NSS | EVERYDAY SWACHA CAMPUS | 10 | |
| NSS | NSS | Womens Day Celebrations for Gender Equalization | 5 | |

[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 |
|---|-------------|-----------------------------|
| A Seminar on Education and Career Planning | 200 | Institute Sponsored |
| Guest Lecture on General Sense of Mathematical applications | 250 | Institute Sponsored |
| A Workshop on Signals Image Processing using MATLAB | 125 | Institute Sponsored |
| A 2-Day Workshop on PCB Design | 350 | Institute Sponsored |
| Practical Demonstration on Prevention Methods on Fire Safety by CFO Fire Department | 550 | Institute Sponsored |

[View File](#)

3.5.2 - Linkages with institutions/industries for internship, on-the-job training, project work, student 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 |
|-------------------|----------------------|--|---------------|-------------|
| Project Work | Project Work | 1. JOCIL PVT LIMITED 2. BHARATHI CONSUMER CARE PRODUCT PVT LTD 3. SANGAM DAIRY WADLAMUDI 4. VIJAYA DAIRY 5. CRANE BETEL NUT POWDER WORKS 6. ITTAPALLI SPINNERS LTD 7. CCL PRODUCTS 8. VALLABHA PVT LTD 8. VISWATEJA SPINNING | 17/08/2020 | 21/11/2022 |

[View File](#)

3.5.3 - MoUs signed with institutions of national, international importance, other universities, in corporate houses etc. during the year

| Organisation | Date of MoU signed | Purpose/Activities | Number of students/teachers participated in MoUs |
|--------------|--------------------|--------------------|--|
| NILL | 02/12/2020 | NIL | 0 |

No file uploaded.

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 de |
|--|---------------------------------------|
| 402 | 361 |

4.1.2 - Details of augmentation in infrastructure facilities during the year

| Facilities | Exist |
|--|-------|
| Number of important equipments purchased (Greater than 1-0 lakh) during the current year | New |
| Value of the equipment purchased during the year (rs. in lakhs) | New |
| Seminar Halls | New |
| Seminar halls with ICT facilities | New |
| Classrooms with LCD facilities | New |
| Campus Area | New |

[View File](#)

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 patially) | Version | a |
|---------------------------|--|---------------------------------|---|
| New Gen Lib Software | Fully | NewGenLib ILMS V3.1.2 Helium LC | |

4.2.2 - Library Services

| Library Service Type | Existing | | Newly Added | | Tc |
|-----------------------|----------|---------|-------------|------|---------|
| Text Books | 12864 | 4852635 | 8 | 1792 | 12872 |
| Reference Books | 2361 | 851883 | 4 | 896 | 2365 |
| e-Books | 3681282 | 100300 | 0 | 0 | 3681282 |
| Journals | 108 | 406395 | 0 | 0 | 108 |
| e-Journals | 400 | 13487 | 0 | 0 | 400 |
| Digital Database | 3 | 0 | 0 | 0 | 3 |
| CD & Video | 648 | 0 | 0 | 0 | 648 |
| Library Automation | 1 | 59000 | 0 | 0 | 1 |
| Weeding (hard & soft) | 0 | 0 | 0 | 0 | 0 |
| Others (specify) | 0 | 0 | 0 | 0 | 0 |

[View File](#)

4.2.3 - E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala C 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 launch content |
|---------------------|--------------------|---------------------------------------|------------------------|
| NIL | NIL | NIL | 31/12/2020 |

[View File](#)

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) |
|----------|-----------------|--------------|----------|------------------|------------------|--------|-------------|---------------------------------|
| Existing | 432 | 300 | 432 | 20 | 60 | 10 | 20 | 10 |
| Added | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 432 | 300 | 432 | 20 | 60 | 10 | 20 | 10 |

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

100 MBPS/ GBPS

4.3.3 - Facility for e-content

| Name of the e-content development facility | Provide the link of the videos and media centre and facility |
|--|---|
| NIL | https://stmaryswomens.com/ |

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical facilities and academic support facilities 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 |
|--|--|--|--|
| 130 | 126 | 52 | 51 |

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 available in institutional Website, provide link)

1. Our college follows the JNTUK KAKINADA guidelines for general policies and procedures regarding utilization and maintenance of infrastructure facilities. 3. The Staff Council constitutes a number of committee subcommittees like the IT infrastructure Committee, Library Committee, Building Maintenance Committee and the Purchase and verification Committee that oversee and supervise the utilization and maintenance of the support facilities of the college. 4. The schedule of utilization of the labs and classrooms are notified through the official website which is put up on the college website and passed on to individual teachers. 5. Notices regarding the procedures and policies for utilizing physical, academic and support facilities laboratory, library, sports complex, computers, classrooms are issued time to time from the office of the principal and also put up on the website. The Staff Council of the College notifies

Convener of the Library Committee, along with a few more faculties in- charges of all departments as members. The Library Committee also funds for purchase of new books and other requirements of the library. The library acquires the reading resources on the recommendations of the countersigned by the teacher in-charges of the Departments and Convener of the Library Committee. Some of the general and reference resources, needed for the library, are purchased by the Librarian in consultation with the Convener of the Library Committee. 7. The various rules and regulations for the use of the Library and its resources is displayed at various places of the Institution. The Institution constantly upgrades its IT infrastructure as per the requirement from time to time. The Institution also ensures that all the students are provided with adequate IT infrastructure. The review of IT infrastructure and knowledge dissipation is carried out annually. The rules and regulations for the usage of Labs by the students is clearly displayed in the labs. The College provides facilities for the following sports: Athletics Volleyball Table- Tennis Yoga. It also organizes Self-defense classes. 9. The Convener of the Committee make their calendar annually which includes various inter-departmental tournaments, Summer and Winter Camps and the Annual Annual Meet. Maintenance and utilizing of physical, academic and support facilities is an important aspect of the internal and external audits. Review of these assessments and its follow up is initiated.

<https://stmaryswomens.com/>

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 | |
|--------------------------------------|--------------------------|--------------------|--|
| Financial Support from institution | NIL | 0 | |
| Financial Support from Other Sources | | | |
| a) National | NIL | 0 | |
| b) International | NIL | 0 | |

[View File](#)

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 Me

| Name of the capability enhancement scheme | Date of implementation | Number of students enrolled | Agency |
|---|------------------------|-----------------------------|---------|
| Softskills | 19/08/2019 | 210 | Free |
| Personal Counselling | 28/01/2020 | 200 | Mrs. L. |
| Personal Counselling on Women empowerment | 10/03/2020 | 180 | A.Vij |

[View File](#)

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 |
|------|--------------------------|--|--|--|
| 2019 | Placement Training | 0 | 315 | 0 |
| 2019 | Internal PGECET Training | 239 | 0 | 17 |

[View File](#)

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

| Total grievances received | Number of grievances redressed | Avg. number of days for grievance redressal |
|---------------------------|--------------------------------|---|
| 10 | 10 | 2 |

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 |
| Tabs, Wipro, Panasonic, Visionary RCM, HGS, Multiplayer Solutions, Raj Groups, Aliens Group, TCS, Savantis, Raam Groups | 946 | 202 | Edify Skills India | 19 |

No file uploaded.

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 | Number of students progressed to higher education |
|------|--|--------------------------|---------------------------|--|---|
| 2019 | 12 | CSE | CSE | St. Marys womens engineering college | M. Tech |
| 2019 | 5 | ECE | ECE | St. Mary's women's engineering college | M. Tech |

[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 |
|-----------|---|
| Any Other | 17 |

[View File](#)

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

| Activity | Level | N Pa |
|---|---------------|---------|
| A program on Culture Preservation - Sankrathi Sambaralu , towards healthiness | Institutional | |
| Organized Sports on the occasion of Republic Day Celebrations | Institutional | |
| State level Technical fest NIDARSHAN 2K20 | State level | |

[View File](#)

5.3 - Student Participation and Activities

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

| Year | Name of the award/medal | National/ International | Number of awards for Sports | Number of awards for Cultural | Student ID number | N |
|------|-------------------------|----------------------------|-----------------------------|-------------------------------|-------------------|---|
| 2019 | Winner | National | 8 | Nil | 16ND1A0509 | |
| 2019 | RUNNERS | National | 10 | Nil | 18ND1A04E0 | |
| 2019 | WINNERS | National | 10 | Nil | 18ND1A04E0 | |
| 2019 | Winner | National | 8 | Nil | 16ND1A05E0 | |
| 2019 | Winner | National | 1 | Nil | 18ND1A0480 | K |
| 2019 | Runner | National | 1 | Nil | 18ND1A05C9 | 1 |
| 2019 | Second place | National | 1 | Nil | 19ND1A04G3 | v |

[View File](#)

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

Every academic year, a Student council is formed consisting of one representative from various committees of individual Departments. The student council framed one student is selected as Student Chairman every year. The student council plays a vital role in Departmental activities such as organizing hackathon, technology based competition, symposiums, seminars, conferences and workshops. The council members and all the other students deliberately involve themselves in their Department newsletter preparation in the editorial committee. The student representatives also participate in the preparation of the college calendar every year to plan college activities Department wise. Especially the Department symposia are completely

organized and conducted by the students under the supervision of the The students involve themselves in events such as college day, hos Independence Day, Republic day, interacting with alumni, startups an club activities. Each club has several students who take on leaders and organize the events and get very good exposure. They also inv social activities such as visiting villages, creating awareness on social issues. The student representatives also actively participat Sports committee, cultural committee, magazine committee, calendar etc. The college provides ample avenues for developing technical updating knowledge, personality development and service to the socie various Associations and Societies. There is a staff advisor to gu students in the smooth and effective functioning of the Associatio Student's Union is the most important body representing all the stu the College. The student representatives work as office bearers and the Students Union, which works for the general interest and the we all the College students. It brings grievances and the problem of the into the notice of the appropriate authorities and organizes va activities including freshers party, farewell, educational trips, s welfare programmes and cultural activities. Every year student's elections are being held to elect 6 office bearers:1.President 2 President 3.Secretary 4. Joint-Secretary 5. Two central counselo Student's Union is constituted and functions on the guidelines lai JNTUK. Some additional guidelines are annually framed by the College Union Advisory Committee to ensure smooth working.

5.4 - Alumni Engagement

5.4.1 - Whether the institution has registered Alumni Association?

No

5.4.2 - No. of enrolled Alumni:

1000

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

0

5.4.4 - Meetings/activities organized by Alumni Association :

Due to Covid19 We have postponed the Alumni meet in that Academi .However the alumni provided valuable suggestions to IQAC.

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 (maximum 500 words)

1. The administration responsibilities have been well segregated a faculty members and non-teaching staff. 2. At the core of this dece process, is the statutory Staff Council in which the entire teaching are the members. 3. The constitution of various committees and the of authority and responsibilities to the members and Conveners of tl committees ensure a decentralized method of functioning. There are committees which undertake various college activities. Some of the committees of the Staff Council are: i. The Admission Committee, Examination Committee, iii. The Time-Table Committee, iv. The Wo

Committee, v. The Discipline Committee, vi. The Sports Committee, Cultural Committee, viii. The Infrastructure Committee, ix. The Ma: And Supervision Committee, x. The Placement Cell, The Purchase, x: Disposal And Stock Verification Committee, xii. The It Infrastru Committee. 4. Apart from these committees, various other committees formed by the Principal of the College for carrying out any specif: Also, the staff association is consulted for making important dec pertaining to the college. 5. The college also has more than 35 c cells and societies that are actively involved in several programs. ensured that there is all round participation of students and leade organizational activities is encouraged in the societies by givin formal responsibilities. 7. Faculty members are responsible for sup and managing the routine activities of these bodies. The college student union that is proactive in bringing the student issues t concerned authorities and assists in bridging the gap between administration and the students.

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 each):

| Strategy Type | Details |
|--|--|
| Industry Interaction / Collaboration | 1. Formal MOUs are signed with the institutio industries to share the knowledge and resources. objective behind these collaborations is mainly to students employable 3. The eminent speakers from : are invited to conduct seminars or 4. workshop students. The management is helpful and open to p physical infrastructure and technical support req the conduction of such seminars, workshops and t programmes. 5. The College has organized placemer twice in the campus this year Total 32 Compa participated. |
| Human Resource Management | 1. Recruitment Selection: The governing body anal manpower need of the institution at the beginning academic year. A detailed advertisement about th posts is published in the local and national newsp The applications of qualified candidates are inv panel interviews are conducted. 3. The shortl candidates are called for demo lectures and base interview and demo lecture the candidate is select governing body in consultation with principal a principals. 4. Regular Performance Appraisal: T collects feedback about the staff members whic discussed with the management and Principa |
| Library, ICT and Physical Infrastructure / Instrumentation | 1. The IQAC of the college has encouraged the Dep to procure books with new titles to the library c 2. The library has been equipped with reading lo teachers and students separately which are Wi-Fi c 3. Library stack hall has enhanced storing capac addition of foldable almirahs. 4. The library st |

| | |
|-----------------------------------|--|
| | <p>been sent for specific developmental training program to augment their efficiency. 5. The Library page on the College website has been upgraded with new features providing better interface for interface.</p> |
| <p>Research and Development</p> | <p>1. The Research and Development Cell of the college has been provided funds for innovative activities in various fields. 2. For promotion of research environment, the college has instituted St. Mary Achievement Awards for the outstanding research publications and provide financial incentives to the teachers publishing research papers in Scopus, ISI and of Science Journals. 3. The College has advanced various labs, psychology lab, accounting and a media lab to facilitate research and innovative teaching.</p> |
| <p>Examination and Evaluation</p> | <p>1 The JNTUK conducts the semester based examinations for all its affiliated and constituent colleges. 2 As per the directions of the University, standardized practical and semester examinations are followed in the College. 3 Internal Assessment is done through assignments, class tests and class presentations. 4 A special cell was created to address the concerns and difficulties of the students to ensure the smooth conduct of exams. 5 The College conducts Tutorials and internal class tests for aided and unaided programmes as a part of continuous internal evaluation.</p> |
| <p>Teaching and Learning</p> | <p>Every year IQAC of the college organizes professional development programmes for teaching staff of the college to orient them on latest teaching technologies methods and techniques. IQAC of the college monitors the teaching and learning process by collecting students feedback on every semester at the institution. Reports showing the students feedback to their teachers were distributed to all the teachers individually through head of the institution in order to encourage interaction. Principal appreciate teachers having impressive feedback and motivate other teachers to improve upon their weaknesses if any noticed shared by the students through feedback.</p> |
| <p>Curriculum Development</p> | <p>1. The College is affiliated to JNTUK and strictly follows the syllabus of JNTUK for all the Undergraduate and Postgraduate courses. The staff members of the College are appointed on University academic bodies like Board of Studies, Paper setting committees, Syllabus formulation Committees etc. where they actively provide their expertise and guidance for curriculum development. 2. The College runs various certificate courses for which the department staff members provide their valuable insights in developing the curriculum. The departments enthusiastically organize workshops and seminars by inviting eminent speakers from their respective areas.</p> |
| <p>Admission of Students</p> | <p>1. For UG admissions for all the programs institution admits students partially by admitting students through common Admission process and also admits students through National quota. 2. Career Counseling is also a part of admission procedure 3. Every year administrative staff of the institution constitute an admission committee</p> |

complete the admission work efficiently in fair manner. The admission programme for First year is scheduled as per AP higher Education circulars and notifications.

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

| E-governance area | Details |
|-------------------------------|---|
| Planning and Development | 1. We have Microsoft teams used to conduct the e-meetings, which is able to preserve the content what kinds have discussed in the meeting. It has the features to take automatic attendance too. 2. The departments of the College are provided with internet connections with access to emails. 3. Important correspondences related to day to day work are communicated through emails. 4. Every department maintains deposit documents related to the record of the students, staff and the activities and programmes of the department. 5. The departments send the reports or data to the offices of the authorities through email whenever demanded. 6. The MIS system is connected to a server from which the data can be easily extracted whenever needed. 7. The students' feedbacks are collected through E-feedback forms. |
| Administration | 1. Online leave requisition system 2. Notice display system for students and other stakeholders 3. The College makes continuous efforts to go paperless in all its administrative and official works 4. All online and computerized functions are done to practice transparency while sharing information within the college, faculties and departments. |
| Finance and Accounts | 1. The record of fees collected from students is maintained through the software. 2. It incorporates relevant information required for the calculation of fees to be collected from students. 3. The software helps to extract the records of students through excel which cancels the manual work involved in the preparation of roll calls and records of the students. 4. The salaries records of the staff are maintained in excel in the accounts department and the information is shared within the offices through email when needed. |
| Student Admission and Support | All the student details who are seeking admission at the time of admission will be maintained on the database. |
| Examination | The university is maintaining the separate Exam Portal and the P will be distributed in EDEP mode. |

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 |
|------|-----------------|--|--|
| 2019 | NIL | NIL | NIL |

[View File](#)

6.3.2 - Number of professional development / administrative training programmes organized by 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) |
|------|--|---|------------|------------|---|
| 2019 | Hands-on Internal Faculty Development Program on Emerging Trends in CSE | nil | 02/09/2019 | 04/09/2019 | 45 |
| 2019 | FDP on Python Programming | NIL | 23/09/2019 | 25/09/2019 | 55 |
| 2019 | FDP on Data Science using Pandas | NIL | 17/10/2019 | 19/10/2019 | 60 |
| 2019 | FDP on Foundation for Machine Learning | NIL | 28/10/2019 | 29/10/2019 | 50 |

[View File](#)

6.3.3 - No. of teachers attending professional development programmes, viz., Orientation Progr. 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 |
|---|---------------------------------|------------|----------|
| Model Learning Management System | 1 | 27/04/2020 | 02/05/20 |
| Machine learning for Beginners | 1 | 03/05/2020 | 03/05/20 |
| Artificial Intelligence | 1 | 22/05/2020 | 26/05/20 |
| Internet of Things IoT | 1 | 26/12/2020 | 30/12/20 |
| Blockchain | 1 | 15/12/2020 | 19/12/20 |
| Data Sciences | 1 | 04/05/2020 | 08/05/20 |
| Internet of Things IoT | 1 | 30/04/2020 | 04/05/20 |
| Cyber Security | 1 | 01/06/2020 | 05/06/20 |
| Artificial Intelligence | 1 | 08/06/2020 | 12/06/20 |
| Faculty Development Program for Student Induction AICTE | 1 | 10/12/2019 | 16/12/20 |

[View File](#)

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

| Teaching | Non-teaching |
|----------|--------------|
|----------|--------------|

| | | | |
|-----------|-----------|-----------|------|
| Permanent | Full Time | Permanent | Full |
| 0 | 146 | 5 | |

6.3.5 - Welfare schemes for

| Teaching | Non-teaching | Students |
|--|--|---|
| <p>There is a Cooperative Thrift and Credit Society for the teaching and nonteaching staff of the college which provides the loan at a reasonable rate. The college has an in-house fully equipped Medical Room for the staff of the college with a nurse. Also, the college has a professional Clinical Psychologist who visits our college once a week. The college has a quota for admissions of eligible wards of employees. As per the university and central government rules, all the allowances are given to all the employees as per their entitlement without any delay. For attending workshops/ conferences/ seminars, the teachers are provided academic leaves with the financial support. The IQAC has devised awards for teaching staff of the college to provide incentive for their commendable research work/ publications/ innovative teaching/ paper presentations.</p> | <p>There is a Cooperative Thrift and Credit Society for the teaching and nonteaching staff of the college which provides the loan at a reasonable rate. The college has an in-house fully equipped Medical Room for the staff of the college with a nurse. Also, the college has a professional Clinical Psychologist who visits our college once a week. The college has a quota for admissions of eligible wards of employees. As per the university and central government rules, all the allowances are given to all the employees as per their entitlement without any delay. The IQAC has devised ST MARYS Achievement Awards for non-teaching staff of the college to provide incentive for their innovative administrative reforms and good practices.</p> | <p>The college has a fully equipped Room for the students of the with a nurse. Our has a professional Clinical Psychologist who visits our college once a week. We have a Counselling Cell selected teaching students of the I of Applied Psychology our college. The has a Fee Conc Committee, an Complaint Commi Anti-Ragging Cell and a Student Grievance Redressal Cell to the needs of students. ST MARYS believes in acknowledging and appreciating achievements students. The honours its outstanding students for their work and sincerity various category awards and scholarships. The College has offering co-curricular facilities for students to appear in various competitive examinations. The Placement Cell (CAT Learning) to prepare students for management entrance tests.. Each department follows the Ment</p> |

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly (with in 100 words ea

The governance of the institution is reflective of an effective leadership with the vision and mission of the institution. Auditing p

prominent role in the smooth functioning of the Institution's financial performance. The internal audit team is instrumental in setting financial controls and systems since the year of inception, 2008. It brought in a methodical and organized approach to evaluate and control, improve the financial management, devise strategies for compliance with laws and regulations and overall financial control process. The scope of the internal audit programme has encompassed working of various compliance systems and procedures are in place for adherence of institutional physical verification of assets, consumables, stores, inventory, spare parts and other assets, proper books of accounts, vouchers along with supporting documents are maintained, confirmation of balances from debtors, creditors and other parties are obtained periodically at the end of the year. The systems and procedures are in place for internal control at the department levels. A well-planned schedule of regular academic activities, new ventures, scholarships, functions and extracurricular activities are prepared by the academic team comprising of Management Representative, Principal, Deans and Heads of Departments at the start of every year. This enables preparation of budgets as per the requirements and subject to slight modifications at the start of odd and even semesters. It is a regular practice that the expenses of the activities are submitted to the Accounts officer at the closure of the ventures and planned activities. A committee allocated for the specific task of closing the accounts. All the transactions are through online and through other financial instruments. Internal Audit is performed and the reports are obtained before the start of the external audit, after the closure of the accounts. Taking cognizance of these observations, an extensive list of requirements is issued for compliance and submissions to the Statutory Auditor for completion of auditing of the financial statements of the Institute and providing a realistic statement through his audit report that the books of accounts reflect a true and fair view of the operational activities and that the financial position of the Institute for the relevant financial year. External Audit is conducted by the Statutory Auditors after 30th June of the subsequent year. During the Internal Audit, the accounts are regularly obtain confirmation for the credit balances, to collect documentary evidence in respect of payments, compliance of TDS, Statutory Formalities and Reconciliation of unit-wise balances with the Control Accounts and Reconciliations. The copy of the audit report is preserved. External Statutory Audit is conducted and the consolidated reports are submitted to the relevant authorities. Chartered Accountant of the Institute conducts regular accounts audit and certifies its Annual Financial statements. Utilization Certificates are countersigned by the Chartered Accountant.

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

| Name of the non government funding agencies /individuals | Funds/ Grants received in Lakhs |
|--|---------------------------------|
| NIL | 0 |

[View File](#)

6.4.3 - Total corpus fund generated

11367000

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 | |
| Academic | Yes | JNTUK KAKINADA | Yes | |
| Administrative | Yes | JNTUK KAKINADA | Yes | |

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

1. The parent-teacher association meets at least two times in an academic year in order to take stock of students/wards progress regularly. 2. Counselling Sessions for students who lack consistency in learning and performance belonging to First Year with the assistance of PTA. Counselling Sessions for students who lack consistency in learning and performance, belonging to Second Year with the assistance of PTA 3. Active Involvement of parents in the Department Advisory Board (DAB) 4. Internal Quality Assurance Cell involves parents as board members. 5. Curriculum review meeting is conducted periodically. 6. Social relevant activities supported by the parents and entrepreneurial supporting activities facilitated by the parents. Parents valuable feedback for students counselling and supporting their progress.

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

1. Features of Automation software usage for Office Staff 2. Introduction of Library Automation software add on features to Library Staff 3. Development of program on e-administration

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

1. Encourages students to participating in technical events 2. Encourage faculty to attend FDPs, Workshops, Conferences Seminars, Paper Publications 3. Automation Software is introduced for e-governance for paperless administration 4. Personality Development seminars 5. IPR Seminars 6. Internships 7. Setting IIC at active state

6.5.5 - Internal Quality Assurance System Details

| |
|--|
| a) Submission of Data for AISHE portal |
| b) Participation in NIRF |
| c) ISO certification |
| d) NBA or any other quality audit |

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 |
|------|--|-------------------------|---------------|-------------|
| 2019 | Teachers Day Celebrations to build meaning Guru-Shishya Systems | 03/09/2019 | 05/09/2019 | 05/09/2019 |
| 2019 | Engineers Day 15th September 2019 to enhanced the technical Skills | 11/09/2019 | 14/09/2019 | 14/09/2019 |

| | | | | |
|------|--|------------|------------|------------|
| 2019 | A Workshop on Signals Image Processing using MATLAB | 03/12/2019 | 07/12/2020 | 07/12/2020 |
| 2019 | A 2-Day Workshop on PCBDesign | 08/12/2020 | 10/12/2020 | 11/12/2020 |
| 2019 | Guest Lecture on DATA Science by V.G.S Rakesh Kumar from Finnair . | 15/12/2020 | 19/12/2020 | 19/12/2020 |

[View File](#)

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 institu the year)

| Title of the programme | Period from | Period To | Number of Participants |
|---|-------------|------------|------------------------|
| | | | Female |
| Celebrations of Constitution Day - to build national Spirit and Legal Awareness | 26/11/2019 | 26/11/2019 | 8 |
| A Seminar on " Education and Career Planning " | 28/11/2019 | 28/11/2019 | 2 |
| " Parents Meeting" to enabling comfortable environment for learning centric Environment | 05/12/2019 | 05/12/2019 | 3 |
| Practical Demonstrator on Prevention Methods on Fire Safety by CFO Fire Department | 11/12/2019 | 11/12/2019 | 5 |
| Desire -2020 - A Motivational Speech by Mrs.Vijaya Lakshmi | 28/01/2020 | 28/01/2020 | 2 |
| Awareness Program on "Basic Life Support " in Association with Ramesh hospital Guntur | 13/02/2020 | 13/02/2020 | 8 |
| Womens Day Celebrations for Gender Equalization | 07/03/2020 | 07/03/2020 | 10 |
| Women Empowerment session by A.Vijaya Ratnam-Psychologist | 03/03/2020 | 10/03/2020 | 1 |

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

| |
|---|
| Percentage of power requirement of the University met by the renewable energy so |
| Average Waste Collection details 1. Vegetable waste, Paper waste trimmings 2. Total waste generated - 39.15 Tonnes 3. Fertilizer Pr 4422 Kgs 4. LEDs Lighting power requirement met through LED bulbs |

7.1.3 - Differently abled (Divyangjan) friendliness

| Item facilities | Yes/No | Number of benefici |
|---------------------|--------|--------------------|
| Physical facilities | Yes | 1 |
| Rest Rooms | Yes | 1 |

| | | |
|-------------------------|-----|---|
| Ramp/Rails | Yes | 1 |
| Scribes for examination | Yes | 0 |

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 |
|------|--|--|------------|----------|--|--|
| 2019 | 5 | 5 | 05/09/2019 | 1 | Teachers Day Celebrations to build meaning Guru-Shishya Systems | Importance teacher role in the society to educate illiterate |
| 2019 | 5 | 5 | 26/11/2019 | 1 | Celebrations of Constitution Day - to build national Spirt and Legel Awareness | Legal knowledge is much important to lead cheat-less life |
| 2019 | 5 | 5 | 28/12/2019 | 1 | Awareness on Self-Defense | How to secure in unexpeted situations |
| 2020 | 5 | 5 | 13/02/2020 | 1 | Awareness Program on Basic Life Support in Association with Ramesh hospital Guntur | How lead life in meaningful way and essentail things which suppose to follow |
| 2020 | 5 | 5 | 07/03/2020 | 1 | Womens Day Celebrations for Gender Equalization | Gender Sensitivity Issues |

[View File](#)

7.1.5 - Human Values and Professional Ethics Code of conduct (handbooks) for various stakehold

| Title | Date of publication | Follow up(max 100 words) |
|-------|---------------------|--------------------------|
|-------|---------------------|--------------------------|

| | | |
|--|-------------------|--|
| <p>INFORMATION FOR ADMISSION TO UNDERGRADUATE PROGRAMMES (2019-20)</p> | <p>15/05/2019</p> | <p>The handbook contains various ordinances pertaining to students and teachers: Maintenance of discipline among Students, University, Prohibition and Punishment of Ragging and the Sexual Harassment of Employees in the Workplace (Prevention, Prohibition and Redressal) Act, 2013 (MINISTRY OF LAW AND JUSTICE) and list of student and faculty committees and ethics etc are enclosed.</p> |
|--|-------------------|--|

7.1.6 - Activities conducted for promotion of universal Values and Ethics

| Activity | Duration From | Duration To | Page No |
|---|---------------|-------------|---------|
| Teachers Day Celebrations to build meaning Guru- Shishya Systems | 05/09/2019 | 05/09/2019 | |
| Celebrations of Constitution Day - to build national Spirit and Legal Awareness | 26/11/2019 | 26/11/2019 | |
| Parents Meeting to enabling comfortable environment for learning centric Environment | 05/12/2019 | 05/12/2019 | |
| A program on Culture Preservation - Sankrathi Sambaralu , towards healthiness | 11/01/2020 | 11/01/2020 | |
| Seminar on Personality Development Classes for faculties on Realtime Facts by G Lakshmaiah -DSP Guntur. | 25/01/2020 | 25/01/2020 | |
| Republic Day Celebrations to build sprit of nationalism. | 26/01/2020 | 26/01/2020 | |
| Womens Day Celebrations for Gender Equalization | 07/03/2020 | 07/03/2020 | |

[View File](#)

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

| |
|--|
| <p>1. Become More Aware of Resources 2. Practice Conservation 3. Plant Trees 4. Conserve Water 5. Change to LED Light Bulbs 6. Cut Down Meat on your Plate 7. Stop Food Waste 8. Reduce the Use of Harmful Chemicals 9. Composting 10. Use Recycled Paper 11. Stop Littering</p> |
|--|

7.2 - Best Practices

7.2.1 - Describe at least two institutional best practices

| |
|---|
| <p>We have implemented the following in the real time in our campus : 1. Practice Conservation : With awareness of how natural resources are used in your life, start to conserve. It can be as simple as turning off the lights as you leave your room and as complex as making different choices when it comes to building your home. 2. Plant Trees : Trees are necessary for us to survive. They provide oxygen, fruits, clean the air, provide shelter to wildlife, prevent soil erosion. A shady landscape around your home can help you to reduce the consumption of energy and keep your home cool even during summer. Conserve Water: Water needs to be conserved as a lot of energy is required to pump water from the ground to the tap.</p> |
|---|

pump water from rivers or lakes into your home. Conserving water re amount of energy that is needed to filter it. Few ways to conserve - take short showers, fix leaking pipes, keep the running tap close brush your teeth, recycle water in your home, use water-saving app collect rainwater in a rain barrel to water your lawn. 4. Change to Bulbs Count the bulbs you have in your home. Change them to LED lig that last longer than conventional bulbs and far more efficient. 1 that! They're available in a varied range of brightness and designs can tailor the lighting to suit your room. This way, you'll be us: power. 5. Cut Down Meat on your Plate: If you want to be enviroi friendly, simply cut down the amount of meat you consume, and that v a massive impact on the environment. If you can avoid it just for 2 week, that would even have quite a significant effect on reducing yo footprint. As billions of people dine multiple times a day, if the this, imagine how many opportunities exist to turn the tables. Of c is possible to eat well with vegetables, fruits, grains, and legu terms of both nutrition and pleasure and thereby help lower emiss: Stop Food Waste: You waste food sometimes intentionally and some unintentionally. Regardless of the reason, producing uneaten food i of a whole host of resources such as seeds, water, energy, land, fe hours of labor, and capital invested. It also generates greenhouse every stage, including methane, when you throw them and the organi lands in the global dustbin. 7. Composting : Composting is a natura that takes remains of plants and kitchen waste and converts it in nutrient food for your plants that helps them grow. It reduces the garbage that goes to landfills, which pollutes the air. This way, : safe for the environment. 8. Choose Personal Hygiene Items Careful your toothpaste, body wash, face scrub, and any other products, m: that those do not contain microbeads which are small bits of solid that make their way into watercourses and ultimately end up damag environment by entering the food chain 9. Try Without Plastic: You it challenging to go without using plastic as it appears to exist single aspect of our lives. However, it isn't as tricky as you are Taking a canvas bag along with you when you go shopping, buying fr vegetables loose, and not buying bottled water can even make much d: If you try, you can find alternatives.

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

<https://stmaryswomens.com/>

7.3 - Institutional Distinctiveness

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

1. One major challenging issue in the current education scenario slowdown in the engineering admission in general. 2. The advances particular fields of science and technology are growing and tal graduates are lacking in the job market. 3. The need for the hour engineering graduates with a mix of strong technical and profession to face new age requirements. 4. The program emphasizes on the cong of school out goes to take-up their career in the engineering and t stream. 5. The potential engineers are given an eye-opener progr interact with the industry stalwarts and the expertise education co to give the orientation about the engineering and technology-relat

advance studies and research opportunities for the engineering asp: the national and international perspective. 6. The program also str schools in the suburban as well as rural areas and brings awarenes latest courses that are available in different branches of enginee The students were encouraged with the hands-on experience projects same were exhibited in the college venue, where thousands of youth participated and shared their knowledge. 8. The entire program was knowledge sharing experience. The success of the program lies in the of engineering aspirants to take up their courses in different spec: of engineering and technological courses and pave the way to succes engineering job market. 9. Inviting the subject expertise and facult from the respective schools and appointment of the evaluator for the requires efficient planning and approval in advance from the resp authorities. 10. These activities of community development through the students set us ahead to reach wider masses and provide quality to all the deserved. 11. Internships made mandatory for all underc students. Students are also engaged with life skill management p through various club activities. 12. Digital learning is a type of that is accompanied by technology or by instructional practice th effective use of technology. It encompasses the application of a spectrum of practices including, blended and virtual learning. Ins also has the practice of engaging students through google classroom zoom. 13. Students are provided with opportunity of doing certificat through NPTEL, COURSERA and NASSCOM.

Provide the weblink of the institution

<https://stmaryswomens.com/>

8.Future Plans of Actions for Next Academic Year

1. To increase a greater number of innovative projects and startups. enhance students' placement with higher package in dream corporate. increase the number of collaborative research and consultancy with i
4. To increase a greater number of patent filing, publishing and gra stabilize the faculty strength on par with the expectation of indust requirements. 6. The college plans to lay emphasis on the enhanced participation of the students in sports at national and internationa
7. The upgradation of the college canteen is planned with multi-cuis and separate sitting arrangements for teachers and students 8. The construction of the new building will be completed with an auditoriu will have hi-tech devices for the conduction of various FDPs, Semina conferences. 9. The financial incentives to the faculty members for in Scopus and Web of Science Journals which was announced by IQAC, w implemented