



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		ST.MARY'S ENGINEERING COLLEGE
Name of the head of the Institution		Dr. T G Arul
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		918919129028
Mobile no.		8498093080
Registered Email		smecprincipal@stmarysgroup.com
Alternate Email		iqacsmec@stmarysgroup.com
Address		Deshmukhi Village, Pochampally Mandal
City/Town		Hyderabad
State/UT		Telangana
Pincode		508284
<b>2. Institutional Status</b>		

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	Self financed
Name of the IQAC co-ordinator/Director	Dr. V Sambasiva Rao
Phone no/Alternate Phone no.	918919129028
Mobile no.	8919129028
Registered Email	iqacsmec@stmarysgroup.com
Alternate Email	sambasivaraovoleti@stmarysgroup.com

### 3. Website Address

Web-link of the AQAR: (Previous Academic Year)	<a href="http://www.smecd.com/naac.php">http://www.smecd.com/naac.php</a>
<b>4. Whether Academic Calendar prepared during the year</b>	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="http://www.smecd.com/">http://www.smecd.com/</a>

### 5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B+	2.64	2017	12-Sep-2017	11-Sep-2022

<b>6. Date of Establishment of IQAC</b>	24-Aug-2017
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### 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
Planning of Academic Activities	12-Jun-2019 6	22
Verification of functioning of IQAC	29-Aug-2019 12	22

Academic Planning for First Year Class work	29-Aug-2019 12	22
Remedial Classess	29-Oct-2019 12	22
Planning of Academic Activities	20-Dec-2019 6	22
Status of Major Projects	12-Feb-2020 6	22
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**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
notapplicable	NA	Not Applicable	2020 0	0
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**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 :**

5

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)**

Preparing semester Action plan conducting Seminars, Workshops, Guest Lectures Industrial Visits Taking Feedback Extra Cocurricular activities NSS activities

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**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				
Action plan prepared as per JNTUH Calendar consisting of academic teaching plan and extra co circular activities	Action plan prepared as per JNTUH Calendar consisting of academic teaching plan and extra co circular activities				
<a href="#">View Uploaded File</a>					
<b>14. Whether AQAR was placed before statutory body ?</b>	Yes				
<table border="1"> <thead> <tr> <th>Name of Statutory Body</th> <th>Meeting Date</th> </tr> </thead> <tbody> <tr> <td>St.Mary's Engineering College - College Governing Body</td> <td>26-Aug-2019</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	St.Mary's Engineering College - College Governing Body	26-Aug-2019
Name of Statutory Body	Meeting Date				
St.Mary's Engineering College - College Governing Body	26-Aug-2019				
<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	No				
<b>16. Whether institutional data submitted to AISHE:</b>	Yes				
Year of Submission	2020				
Date of Submission	22-Jan-2020				
<b>17. Does the Institution have Management Information System ?</b>	Yes				
If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	Approvals, Faculty Details, Events, Naac details, Placements, Research				

## 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

We adopt the curriculum overview provided by the JNTU, Hyderabad. Depending on our resource potentiality, institutional goals and concern towards the students, we impart quality education. The institution has developed a structured and effective implementation of the curriculum. Following are the various means through which it executives the curriculum. HOD's Meeting: HOD's Meetings are held once in 15 days. Head of the Department discuss their action plans to arrive an optimal and effective way. Academic Calendar: Academic Calendar is prepared as per the JNTU, Hyderabad academic schedule and the requirements at the department level as per the action plans formed. Lesson Plan: A Lesson plan includes course outcomes, course objectives, content topics, reference books and the expected outcomes from the students by learning through the topics prepared by respective faculty members at the beginning of

each semester. It gives an insight how the lecture class will be handled throughout the semester. Meeting the Vision and Mission of the Concerned Department: Each department sets their own Vision and Mission which match with the Institutional Vision and Mission. Program Educational Objectives (PEO) and Program Outcomes (PO) are developed for each program and Course Objectives (CO) and course outcomes are defined for each course (theory and lab).

#### 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
NOT APPLICABLE	NOT APPLICABLE	Nil	0	NOT APPLICABLE	0

### 1.2 – Academic Flexibility

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

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NOT APPLICABLE	Nil
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#### 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
BTech	Nil	Nil

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

	Certificate	Diploma Course
Number of Students	0	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
Campus Recruitment Training	01/06/2019	547
Aptitude Test Training	04/06/2019	547
GATE Training	12/07/2021	251
<a href="#">View Uploaded File</a>		

#### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Nil	265
<a href="#">View Uploaded 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

Feed back obtained is analyzed and discussed by the committee members in a meeting and on the basis of decision of the committee proper action is taken to resolve the issues for the proper functioning and betterment of the institution.

## 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
BTech	Nill	600	460	309
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### 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	1897	0	129	0	0

### 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	Numberof smart classrooms	E-resources and techniques used
129	129	8	15	15	3
<a href="#">View File of ICT Tools and resources</a>					
<a href="#">View File of E-resources and techniques used</a>					

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

The institute has followed the suggestion made by IQAC to introduce the mentoring system. The importance of integrating the system for enhancing students' performance is a common resolution adopted by a meeting of the teaching faculty. With a wide variation in the student population in regard to educational and economic background, the system promises to provide a better understanding of individual students and bring out their highest potential. It also appears to be the most effective method/weapon for mitigating cases of those students who are vulnerable to dropout from studies. Student mentorship has the following aims: • To enhance teacher student contact hours • To enhance students' academic performance and attendance • To minimize student dropout rates • To identify and understand the status of slow learners and encourage advanced learners • To render equitable service to students The IQAC had taken the initiative of implementing the mentoring of students. Students are categorized based on the streams of studies and also according to their core subjects. They are

divided into groups of 1015 depending on the number of students. Each group is assigned a teacher mentor who would perform mentoring duties. A Mentoring Format with Guidelines is prepared by the IQAC to ensure uniformity. Mentors maintain and update the Mentoring Format which contains space for entering particulars and performance of students (class tests, monthly attendance records, etc.) After collecting all necessary information, Mentors are expected to offer guidance and counseling, as and when required. • It is the practice of Mentors to meet students individually or in groups. • In isolated cases parents are called for counselling/special meetings with the Principal at the suggestion of the Mentor. • If a student is identified as having weakness in particular subject, it is the duty of the Mentor to apprise the concerned subject teacher. The HODs (Head of the Department) of various Departments also act as a mentor and monitor different activities of the assigned mentors and the students. The HODs will • Meet all mentors of his/her department at least once a month for the reviewing of proper implementation of the system. • Suggest and advise mentors whenever necessary. • Initiate administrative action on a student (when necessary). • Give a detailed report of the mentoring system to the Head of the Institute time to time.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1897	129	1:15

## 2.4 – Teacher Profile and Quality

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

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
129	129	0	29	4

### 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
2019	Mr.M.Appa Rao	Assistant Professor	Adarsh Acharya Puraskar
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## 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
BTech	BTech	2	16/09/2020	01/11/2020
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### 2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The institute has taken efforts to improve the performance of students by framing significant reforms in Continuous Internal evaluation at the institute level .The reforms are as follows: 1. Remedial measures are taken by conducting tutorial classes to clarify doubts and reexplaining the critical topics. 2.Unit tests are conducted prior to sessional examinations. 3. Topic wise question banks are provided for all subjects. 4. students are encouraged to solve previous years University Exam question papers. 5. MOODLE learning Management System is utilized for Continuous internal evaluation like quiz and assignments 6. The institute regularly conducts, group discussions, seminars and guest lecture. 7. Poor performance due to frequent absenteeism is dealt by informing

through phone call to the parents of such students. 8. The institute effectively uses MOODLE and WhatsApp group for the exam section wherein all the notices related to the examination and academics can be circulated and communicated to all students. 9. Monitoring the improvement in learning of slow learner and encouraging the advanced learners by reviewing their performance in exams. Impact: These reforms have resulted in substantial improvement in student's performance through comprehension of difficult topics, improved time management, enhanced writing skills and individualized attention resulting in refining their cognitive, psychomotor and affective domains of learning. This has significantly enhanced the pass percentage and academic excellence of students.

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

Since we are affiliated to JNTUH, Hyderabad, our academic calendar prepared by JNTUH. We conduct examinations as per JNTUH norms, barcoding in end examinations and MCQs in Internals.

## 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://jntuh.ac.in/syllabus>

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
BTech	BTech	Nill	265	212	80

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## 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)

<http://www.smeed.com>

## 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
Nill	Nill	Nill	0	0

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### 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
Database Programming with SQL	CSE	07/08/2019
Survey Camp using Total	CIVIL	16/08/2019



Station		
3D Printing	Mechanical	05/09/2019
PLC Automation	EEE	06/09/2019
Non-Conventional Energy Sources	EEE	08/09/2019
Advanced Cooling Systems	Mechanical	10/09/2019
SoC Design Challengers	ECE	14/09/2019
Oracle Java Programming	CSE	21/10/2019
Implementation of Low Power Circuits	ECE	22/11/2019
Fundamentals of Block-Chain	CSE	31/01/2020
MAT Lab and Simulation	EEE	03/02/2020
Automobile Prototyping	Mechanical	05/02/2020
Building Information Modeling using Revit Architecture	CIVIL	07/02/2020
Artificial Intelligence	CSE	20/02/2020
Embedded Systems using Aurdino	ECE	28/02/2020
Industrial Drives with Power Electronics	EEE	03/03/2020
Active Suspension System	Mechanical	03/03/2020
Bio-Chip Technology	ECE	07/03/2021

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

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

### 3.3 – Research Publications and Awards

#### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	1

#### 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 (if any)
National	ECE	1	1.02
<a href="#">View Uploaded File</a>			

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
Nil	0
No file uploaded.	

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
Nil	Nil	Nil	Nil	0	Nil	0
No file uploaded.						

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
Nil	Nil	Nil	Nil	0	0	Nil
No file uploaded.						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	4	3	5	5
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### 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
MEDICAL CAMP	SMEC NSS CELL	28	187
BLOOD DONATION CAMP BY RED CROSS SOCIETY	SMEC NSS CELL	43	254
<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
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PROVIDING QUALITY EDUCATION AT AFFORDABLE COST AS PART OF SOCIAL RESPONSIBILITY	CHAMPIONS OF CHANGE	GOVERNMENT OF INDIA	1500
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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 activities	Number of students participated in such activities
SWACHH BHARATH	SMEC NSS CELL	VILLAGE AWARENESS	114	634
HARITHAHARAM	SMEC NSS CELL	PLANTATION	110	1075
<a href="#">View File</a>				

### 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
PLACEMENT TRAINING	STUDENTS	JSMIES	14
TRAINING	STUDENTS	GOVT. OF TELANGANA	21
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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
PROJECTS	ACADEMIC PROJECTS	CONCISE Technologies	23/12/2019	31/03/2020	148
<a href="#">View File</a>					

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
TASK	12/07/2019	to impart training to the students, staff and faculty of the institute by the industry	216
MIRACLE INFO SYSTEMS	16/12/2019	to impart training to the	184

students, staff and faculty of the institute by the industry

[View File](#)

## 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
4000000	4000000

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
No file uploaded.	

### 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
NEWGENLIB	Fully	3.1.2	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
e-Journals	1085	13570	1085	13570	2170	27140
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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
Nil	Nil	Nil	Nil
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	737	20	737	2	2	4	14	0	40
Added	60	0	0	1	1	1	0	0	0
Total	797	20	737	3	3	5	14	0	40

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

120 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
Nil	<a href="http://www.smecd.com">http://www.smecd.com</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
8	8	16.5	16.5

#### 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)

The Institute ensures optimal allocation and utilization of the available financial resources for maintenance and upkeep of different facilities by holding regular meetings of various committees constituted for this purpose and using the grants received the institute as per the requirements in the interest of students. Laboratory Record of maintenance account is maintained by lab technicians and supervised by HODs of the concerned departments. Other measures to maintain laboratories are as follows: The calibration, repairing and maintenance of sophisticated lab equipments are done by the technicians of related owner enterprises. Library The requirement and list of books is taken from the concerned departments and HoDs are involved in the process. The finalized list of required books is duly approved and signed by the Principal. Every year in the beginning of session, students are motivated to register themselves in library to use INFLIBNET. ? Suggestion box is installed inside the reading room to take users feedback. Their continuous feedback helps a lot in introducing new ideas regarding library enrichment. To ensure return of books, 'no dues' from the library is mandatory for students before appearing in exam. The proper account of visitors (students and staff) on daily basis is maintained. Other issues such as weeding out of old titles, schedule of issue/ return of books etc are chalked out / resolved by the library committee. Sports: Regarding the maintenance of indoor Badminton/ Volly Ball court / TT Courts /Gym on the college sports in charge consult coaches. In their guidance accommodates are arranged. Computers Centralized computer laboratory established by SMEC and more funds are used to maintain computers in the institute. Computer maintenance is done regularly and nonrepairable systems are disposed off. Classrooms:The Institute has a committee for maintenance and upkeep of infrastructure. At the departmental level, HoDs submit their

requirements to the Principal regarding classroom furniture and other. The Institute development fund is utilized for maintenance and minor repair of furniture and other electrical equipments. There are technicians, masons, plumbers, carpenters deputed by management who ensure the maintenance of classrooms and related infrastructure.

<http://www.sme.cd.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	Amount in Rupees
Financial Support from institution	MERIT	10	100000
Financial Support from Other Sources			
a) National	Nil	Nil	Nil
b) International	Nil	Nil	Nil
No file uploaded.			

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

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
PERSONALITY DEVELOPMENT FOR SUCCESS	15/10/2019	384	SMEC Faculty
YOGA	10/11/2021	1357	YVM YOGA SADHANA SAMITHI
SOFT SKILLS DEVELOPMENT	02/12/2019	315	TASK
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#### 5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	GATE TRAINING	314	325	91	152
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#### 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
0	0	0

### 5.2 – Student Progression



No file uploaded.

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

Institute creates a platform for the active participation of the students in the various academic administrative bodies including other activities. This empowers the students in gaining leadership qualities, rules, regulations and execution skills. We have formed 6 student committees such as: 1. Library committee 2. Cultural Committee 3. Department Exam Committee 4. College Academic committee 5. Discipline AntiRagging Committee 6. Sports Games Committee 7. Health Public Awareness Committee The funding for various activities of the internal institute bodies is provided by the Institute Management.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

ALUMNI ASSOCIATION WAS FORMED FOR THE BENEFIT OF BOTH INSTITUTION AS WELL AS ALUMNI WHERE THEY CAN WORK TOGETHER FOR THE COMMON BENEFIT

5.4.2 – No. of enrolled Alumni:

418

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

2

### 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 decentralized governance model is evident in every sphere as each department/faculty functions as a separate subunit, in deciding and implementing the studentcentric programmes and activities. ? The Management is participative and regular meetings are convened amongst the Management members, Principal, faculty and the students in implementing efficient plans. ? All the departments are requested to present their Annual Action Plan at the beginning of every academic year with a clear cut roadmap to deliver the same. ? The matters at the department level are discussed by the HOD with the faculty team in consultation with the Principal. This gives the faculty an enormous sense of belonging and pride in the institution and this brings out the best in them. The meeting of the Chairman with the staff at the beginning of every semester is indeed a reflection of the participative style of the Management

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
Industry Interaction / Collaboration	Industry interaction to the students



	<p>is provided to the students in the form of Industrial visits. As part of Industrial visit students have visited, Kakatiya Thermal Power Station, ISRO, Infosys, Srisailam Dam, Central Power Training Institute and reputed Industries. We have MOUs with various industries.</p>
<p>Research and Development</p>	<p>We have an RD cell named Marie Curie RD Cell. In that cell we have RD coordinators from various Departments who initiate RD projects every year. Apart from that faculty publish research articles every year. Faculty also are registered for PhD. We also have Doctorates in every department.</p>
<p>Examination and Evaluation</p>	<p>As we are affiliated to JNTUH we follow JNTUH norms. Every semester two internal theory examinations, one external theory examination, similarly lab internal and external examinations are conducted. Assignments also carry weightage in the final marks. Students should put up minimum 75 attendance in order to take these examinations.</p>
<p>Teaching and Learning</p>	<p>Action plan is prepared based on JNTUH academic calendar. Pedagogy adopted is Chalk and Talk, PPTs, Videos, NPTEL, NDL, Seminars, Workshops, Industrial visits, CRT, etc</p>
<p>Curriculum Development</p>	<p>We follow JNTUH framed syllabus as we are affiliated to JNTUH. Apart from curriculum we also conduct CRT, TASK training, Value added programs, seminars, workshops, industrial visits.</p>
<p>Human Resource Management</p>	<p>Founder and Chairman, President, Secretary, MD, Director, Principal, Administrative Officer, Teaching Faculty, Administrative Staff, Maintenance Staff and Security Guards. Faculties are encouraged to attend various training programs like FDP, seminars, workshops etc. They are given OD and fund depending upon the importance of the workshops/seminars etc. They are encouraged to do Ph.Ds etc.</p>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>Library is well equipped with Textbooks, Reference books, journals, digital Library. We have adequate infrastructure like classrooms, ICT, labs, computers, sports grounds, transport facility etc. to cater academic needs of students as per JNTUH syllabus and also to do various R D Projects</p>

Admission of Students	Students are admitted into First year B.Tech/M.Tech/MBA/Dip through the entrance tests like EAMCET, EAMCETAC, PG CET, POLYCET, ECET etc. Advt. about the colleges is done through Newspapers, Hoardings, Pamphlets, Brochures, Newsletter, YouTube Videos etc.
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6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Student Admission and Support	Students are admitted into First year B.Tech/ M.Tech/ MBA/ Dip through the entrance tests like EAMCET, EAMCETAC, PG CET, POLYCET, ECET etc. Advt. about the colleges is done through Newspapers, Hoardings, Pamphlets, Brochures, Newsletter, YouTube Videos
Examination	The Institute has the separate Examination department with equipped ITC tools necessary for examination purpose. As per the requirement of Examination department all the necessary equipment are provided by the institute.
Administration	The Administration of the institute is functions with E-governance system at Government, Society and College level. Even though the institute is established in rural area of Telangana, still the college tries their best to keep in touch with latest technologies and developments.
Finance and Accounts	The Institute has software for E-governance for transparent functioning of Finance and Accounts department of the institute. This helps to increase the efficiency of staff towards the accuracy in financial transactions. The institute conducts regular audit checks.

**6.3 – Faculty Empowerment Strategies**

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
Nil	Nil	Nil	Nil	0
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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	FDP	Recent Trends in Research	10/01/2020	10/01/2020	91	15
<a href="#">View File</a>						

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
ORIENTATION DAY	108	05/08/2019	14/08/2019	9
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
129	129	26	26

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Group Insurance, Health Insurance	ESI, PF	Group insurance, Fee Reimbursement, Bank loan, Community 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 institute has a mechanism for internal and external audit. We have our own internal audit mechanism where internal audit is an ongoing continuous process in addition to the external auditors to verify and certify the entire Income and Expenditure and the Capital Expenditure of the Institute each year.

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
JSMIES	400000	400000
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6.4.3 – Total corpus fund generated

3000000

## 6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	JNTUH	Yes	INTERNAL AUDIT TEAM
Administrative	Yes	JNTUH	Yes	INTERNAL AUDIT TEAM

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

Parents meet was conducted on 7th March, 2020 as per JNTUH Schedule. During the mentoring activity faculty interact with parents and will appraise about the performance of their ward. Any suggestion passed by parents will be informed to the management.

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

They are provided with ESI, Health insurance schemes and PF facility wherever applicable.

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

Develop question banks in all subjects. ,The scope of Students' Welfare Schemes of the institute was expanded, when the institute started job oriented coaching for the placement of our students. ,Teaching and Learning has been strengthened.

6.5.5 – Internal Quality Assurance System Details

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

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
2019	IQAC Coordinators (Department wise) to be identified and approved .Planning of Cocurricular Activities during Semester.As part of the Teaching learning process, Course files are to be verified by coordinator before issue Academic	12/06/2019	01/07/2019	30/11/2019	22

	plan for first year				
2019	Sports activities to be planned. Guidelines for the counseling unit	29/08/2019	02/09/2019	30/11/2019	22
2019	Feedback from stakeholders, Activities of Alumni association to be planned	29/10/2019	04/11/2019	14/03/2020	22
2019	Planning of counseling to students, Planning of community services	19/12/2019	20/12/2019	30/03/2020	22
2020	Consolidated report on functioning of IQAC to be submitted, Feedback from stakeholders, Recognition to student achievements	12/02/2020	17/02/2020	31/03/2020	22
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## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
B.TECH	24/10/2019	26/10/2019	151	146

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
RAIN WATER HARVESTING PIT, SOLAR VEHICLE, REUSABLE WATER TREATMENT PLANT

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
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Ramp/Rails	Yes	8
Rest Rooms	Yes	42
Scribes for examination	Yes	2

#### 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	1	1	14/10/2019	3	Workshops on English Communication Skill for the local girls who have come from rural background	To bring them to the mainstream	86
2019	1	1	04/11/2019	2	Computer Literacy	Skill Development	124
2020	1	1	02/03/2020	2	CLEANLINESS PROGRAM	SWACCH BHARAT	248

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

Title	Date of publication	Follow up(max 100 words)
Handbook on Code of Conduct	29/06/2019	Code of conduct handbook exists for students, teachers, governing body, administration including Principal / Officials and support staff to provided value based and value added education.

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

Activity	Duration From	Duration To	Number of participants
ANATI DRUG CAMPAIGN	18/12/2019	20/12/2019	201

[View File](#)

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

SEWAGE WASTE WATER TREATMENT PLAN, SOLAR PANELS, ELECTRICAL VEHICLES, TREE PLANTATION, PLASTIC FREE CAMPUS

## 7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

“Academic performance improvement of students through continuous evaluation and effective mentoring” Women Empowerment

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

<http://www.sme.cd.com>

## 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

TO SERVE THE SOCIETY BY DEVELOPING A MODERN TECHNOLOGY TO STUDENTS AND SOCIETY

Provide the weblink of the institution

<http://www.sme.cd.com>

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

The Institution has planned to shift admission process of B.Tech. students from SWIII to SWI in EAMCET counselling. The institution has planned to conduct 2week Induction program for B.Tech. students as per guidelines framed by the AICTE/University. Increase in number of Value added programs, Extracurricular and cocurricular activities. Introduction of MOOCs to the students and making them register in Swayam, NPTEL etc. courses and encourage them undergo the courses. Faculty will be encouraged to register in PhD and do more RD projects in all Departments Raising funds for RD projects from industries and other sources Solar Energy plant will be set up in the institution to cater the day to day needs of the Institution. Formation of several clubs in each department to conduct activities. Formation of student chapters and going for more organization memberships. Organizing external activities, academic/ non as a part of corporate social responsibility