



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		SAMRAT ASHOK TECHNOLOGICAL INSTITUTE
Name of the head of the Institution		J.S.Chauhan
Designation		Director
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		07592-250121
Mobile no.		9826244840
Registered Email		director@satiengg.org
Alternate Email		jsccivil@rediffmail.com
Address		Civil Lines Vidisha
City/Town		Vidisha
State/UT		Madhya Pradesh
Pincode		464001
2. Institutional Status		

Autonomous Status (Provide date of Conformant of Autonomous Status)	01-May-2015																		
Type of Institution	Co-education																		
Location	Urban																		
Financial Status	Self financed and grant-in-aid																		
Name of the IQAC co-ordinator/Director	Dr.J.Parashar																		
Phone no/Alternate Phone no.	07592250121																		
Mobile no.	9424415354																		
Registered Email	j.p.parashar@gmail.com																		
Alternate Email	jparashar@rediffmail.com																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	http://www.satiengg.in/PDF/AQAR2018_19.pdf																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.satiengg.in/Advertisement/AC/AcademicCalander-20-21_220720101023.pdf																		
5. Accreditation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accreditation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B</td> <td>2.36</td> <td>2016</td> <td>29-Mar-2016</td> <td>29-Mar-2021</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accreditation	Validity		Period From	Period To	1	B	2.36	2016	29-Mar-2016	29-Mar-2021
Cycle	Grade	CGPA	Year of Accreditation	Validity															
				Period From	Period To														
1	B	2.36	2016	29-Mar-2016	29-Mar-2021														
6. Date of Establishment of IQAC			28-Nov-2015																
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															
IQAC meeting		27-Jul-2019		14															

[View File](#)**8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institution	TEQIP III	MHRD	2017 03	150000000

[View File](#)**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View File](#)**10. Number of IQAC meetings held during the year :**

2

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

Yes

Upload the minutes of meeting and action taken report

[View File](#)**11. Whether IQAC received funding from any of the funding agency to support its activities during the year?**

No

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

Facilitated following activities: Submission of SAR for NBA accreditation Curriculum design / modification for various programmes in Board of Studies (BoS). Analysis of TP Cell activities and improvements in the present status of placements. Activities held under TEQIP III were discussed and planned to be carried out. Analysis of odd semester results.

[View File](#)**13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year**

Plan of Action	Achievements/Outcomes
Activities under TEQIP III Online teaching and evaluation during COVID Improvement in result	Achieved

[View File](#)

14. Whether AQAR was placed before statutory body ?	No
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	30-Sep-2020
17. Does the Institution have Management Information System ?	No

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BTech	Mechanical Engg. EI EE CE CSE BME EC PCE Physics Chemistry Mathematics Humanities	Null	21/05/2019
BTech	EI	Null	04/06/2019
BTech	EE	Null	03/06/2019
BTech	CE	Null	04/06/2019
BTech	CSE	Null	04/06/2019
BTech	EC	Null	03/06/2019
Mtech	EC	Null	03/06/2019
BTech	PCE	Null	03/06/2019
BTech	Physics	Null	03/06/2019
BTech	Chemistry	Null	03/06/2019

[View File](#)

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

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	EC	Null	Language Lab (EC1836)	05/07/2020
BTech	EC	Null	Internship -	05/07/2020

			I (EC1837)	
BTech	EC	Nil	Internship - II (Evaluation) (personality development) (EC 1857)	05/07/2020
BTech	EC	Nil	Managerial Economics (EC1831)	05/07/2020
View File				

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	B.Tech. Mech. (Increase in intake) from 60 to 120	01/07/2019
BTech	B.Tech. EI (Increase in intake) from 60 to 120	01/07/2019
View File		

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

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Nil	Nil	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
Nil	Nil	Nil
View 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
BTech	Internship for B.Tech. II year students	281
BTech	Internship for B.Tech. III year students	288
View File		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

Link for students feedback: <https://docs.google.com/spreadsheets/d/1IWybbxpe6YdaMpif9XgBRFmJBQ4OnvJhrzEoDmIF-ww/edit?uspsharing> 1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words) 1) At the end of semester feedback from the students regarding course taught and teaching learning methodology. It is further analysed by team of higher-ups. 2) Teacher submit their appraisal at the end of each session and annual increment is released on this basis of this appraisal. 3) BoG meetings are convened regularly to discuss matters about academic, finance and infrastructure. Minutes are regularly uploaded on website. 4) Parents suggestions are always considered at top priority to develop healthy and friendly environments in the campus. 5) Feedback from Alumni is also taken for overall improvement of Institute.

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	567	Nill	548
Mtech	Nill	205	Nill	40
MCA	Nill	60	Nill	Nill
MSc	Nill	100	Nill	18
MBA	Nill	60	Nill	52

[View File](#)

2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	2251	226	90	27	117

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
117	10010	Nill	10	27	Nill

[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)

Mentorship is provided to the students in the form Tutor Guardian (TG). TG maintains records (personal information as well as parent's information along with contact details) of assigned students. TG maintains student's attendance record and arranges meeting constantly with them at the end of the week. Academic status and other grievances (if any) are discussed and resolve them. Mentorship is also provided by other stake holders such as alumni and industry person.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2477	117	1 : 21

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
95	61	34	Nil	39

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	Dr .S.K.Dhakad	Associate Professor	ISTE, new Delhi best chapter award M.P. CG as faculty advisor for chapter

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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
BE	BE	BE Final 2019	14/11/2019	05/12/2019
BE	BE	BE Final 2020	15/09/2020	25/09/2020
BTech	UG	I, III, V, VII Sem	12/11/2019	11/12/2020
BTech	UG	II, IV, VI, VIII Sem	12/04/2020	12/05/2020
Mtech	PG	III Sem	12/11/2019	14/11/2020
Mtech	PG	III Sem	12/04/2020	16/05/2020

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

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nil	2518	0

2.6 – Student Performance and Learning Outcomes

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

http://www.satiengg.in/UploadContent/Frm_ViewScheme.aspx

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
MCA	MCA	MCA	6	6	Nil
PCE	BTech	PCE	39	32	Nil
ME	BTech	ME	67	60	Nil
IT	BTech	IT	70	66	Nil
EI	BTech	EI	55	51	Nil
EE	BTech	EE	71	63	Nil
EC	BTech	EC	60	56	Nil
CSE	BTech	CSE	65	64	Nil
Civil	BTech	Civil	66	63	Nil
BM	BTech	BM	20	15	Nil

[View File](#)

2.7 – Student Satisfaction Survey

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

<https://docs.google.com/spreadsheets/d/1IWybbxpe6YdaMpif9XgBRFmJBO4OnvJhrzEoDmIF-ww/edit?usp=sharing>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

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

No

No file uploaded.

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

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	NIL	Nil	Nil	Nil
International	NIL	Nil	Nil	Nil

[View File](#)

3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
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Major Projects	1095	SERB, MPCST MHRD	14184000	7536250
View File				

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

117

3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Two day workshop on " Technical paper writing and patent filing"	TEQIP Coordinator	12/03/2020
View File		

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Nil	Nil	Nil	Nil	Nil
View File				

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
SATI Vidisha	Nil	Nil	Nil	Nil	Nil
View File					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Computer Science	3
Civil Engineering	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
Nil	File attached	Nil	Nil
View File			

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

Department	Number of Publication
As per file attached	Nil
View File	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
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As per file attached	Nil	Nil	Nil
View File			

3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
As per file attached	Nil	Nil	Nil	Nil	Nil	Nil
View File						

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
As per file attached	Nil	Nil	Nil	Nil	Nil	Nil
View File						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nil	Nil	Nil	Nil
View File				

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
As per attached file	As per attached file	As per attached file	Nil
View File			

3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Nil	Nil	Nil	Nil	Nil
View File				

3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such	Number of students participated in such
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		activities	activities
As per file attached	Nil	Nil	Nil
View File			

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

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
As per file attached	Nil	Nil	Nil
View File			

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
As per file attached	Nil	Nil	Nil	Nil
View File				

3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
As per file attached	Nil	Nil	Nil
View File			

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
As per file attached	Nil	Nil	Nil	Nil	Nil
View File					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
As per file attached	Nil	Nil	Nil
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
70900000	70900000

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Laboratories	Newly Added
Campus Area	Existing
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 partially)	Version	Year of automation
KOHA	Fully	03.10.09	2015

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	70082	6400000	1338	606033	71420	7006033
View File						

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
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)	Others
Existing	655	5	0	5	5	0	0	1	0
Added	109	0	0	0	0	0	0	0	0
Total	764	5	0	5	5	0	0	1	0

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

1 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
V V Natu Computer Centre	www.satiengg.in ?central Library

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
Nil	7000000	Nil	1700000

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)

<p>There is a building section which maintains all the infrastructural facilities and cleanliness of the Institute premises. Institute workshop provide support in with other required areas viz. welding, carpentry, vehicle maintenance. Electrical maintenance cell handles with the electrical related work and upkeep of electrical sub-station. All the class rooms, computer centres and laboratories are utilized full time during the odd and even semesters and their upkeep is done by the concerned Department. Time slots are given to each semester's students to access books and e-resources in the library. Regarding e contents students can use them from hostels also. During exam time library is operational on extended hours too. There are two big playgrounds and one indoor stadium in the campus along with volleyball and tennis court. Gymnasium facility is also available to the students of institute. Usage policies are framed by consultation with students and staff of the Institute.</p> <p>http://www.satiengg.in/</p>
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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	As per attached file	Nil	Nil
Financial Support from Other Sources			
a) National	Nil	Nil	Nil
b) International	Nil	Nil	Nil

[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 Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
As per attached file	Nil	Nil	Nil

[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	Number of students placed
2019	As per attached file	Nil	Nil	Nil	Nil
2020	As per attached file	Nil	Nil	Nil	Nil

[View File](#)

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
Nil	Nil	Nil

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
As per attached file	Nil	Nil	Nil	Nil	Nil

[View File](#)

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	Nil	Nil	Nil	As per attached file	Nil
2020	Nil	Nil	Nil	As per attached file	Nil

[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
GATE	53

[View File](#)

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

Activity	Level	Number of Participants
As per attached file	Nil	Nil
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	Name of the student
Nil	As per attached file	Nil	Nil	Nil	Nil	Nil
View File						

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

Students are the backbones of any Educational Institute and they play a major role in the progress of the university/ college/ department. At department level class representatives (CR's) are elected at the starting of the session. They act as point of contact between department and their classmates. They are responsible for student interaction and involvement in day to day activities. At college level, student clubs are promoted for the overall development of the students outside classroom environment. Samrat Ashok Technological Institute has many student clubs which are actively participating in seminars, conferences, workshops and cultural fests etc

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

After the first batch which graduated out in 1965, the Institute has sent out, thousands of engineers and scientists throughout the India and abroad. An alumni association cell to connect alumni from all over the world through official website is managed by the Institute. Regular alumni meet are organised as per the request and feasibility through city wise / state wise or international. For the batches attaining 25 years and 50 years of their passing from the Institute Alumni meet is organised in December every year. Many of these alumni, spread over the whole of the country and beyond have reached the top in their respective departments and organizations while the others have occupied senior and influential positions in society. All of them have a deep love and a high regard for their alma mater and some who have been able to find time to visit the Institute now are struck by the spectacular progress made since they left years ago. The SATI local Alumni Associations has been formed in various cities and towns and they get-together sharing their loving memories during the college days. Alumni Portal: <https://alumni.satiengg.in> Alumni Registration page http://satiengg.in/Alumni/Frm_AlumniRegistration.aspx Alumni List http://satiengg.in/Alumni/RegisteredAlumni_Display.aspx 00

5.4.2 – No. of registered Alumni:

5160

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

5.4.4 – Meetings/activities organized by Alumni Association :

On 01.11.2019, Inaugural function of Diamond Jubilee celebrations and Alumni meet On 28.12.2019 Alumni Meet of 1994 Batch was organised. On 29/02/2020, S.A.T.I. Alumni meet took place in Bhopal at Palash Residency where Alumni based in Bhopal shared their ideas for the betterment of the institution.

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)

1. Planning of academic activities and calendar after consultation with faculty members of each department. 2. Planning of various laboratories and procurement under TEQIP -III after due recommendations from respective departments.

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

Partial

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Admission of Students	? Admission of Students To improve admission scenario few new courses are planned. The achievement of Institute is last 60 years will be the key point in attracting good students. Keeping this in mind, the branding of Institute through local media, social media and alumni is planned.
Industry Interaction / Collaboration	? Industry Interaction / Collaboration MoU were signed with few industries to improve the internship and placement of students. Industrial tours of students with faculty member are also organised on priority basis. Industry person are invited to give lectures and interact with students.
Human Resource Management	? Human Resource Management Regular training for faculty and staff is planned for updating their knowledge and skills.
Library, ICT and Physical Infrastructure / Instrumentation	? Library, ICT and Physical Infrastructure / Instrumentation In the library there is a Library management system to access books, issue books, return books, reserve books, student transaction reports, book issue report, book return report and defaulter list. Library has procured several e contents from TEQIP -III funds. Automation of library with RF -ID is done. All the lecture class rooms have facility of

	projectors. Five smart class rooms and three lecture halls are equipped with all facility for ICT.
Research and Development	<p>? Research and Development Funds from TEQIP -III are made available to faculty and students to pursue their research ideas. Collaborative research activities with mentor Institute i.e. VNIT Nagpur under twining activity is made to improve RD in the Institute.</p> <p>Few new Centre of excellence are planned to take up innovative research projects leading to patent and product.</p>
Examination and Evaluation	<p>? Examination and Evaluation</p> <p>Continuous evaluation is done on the basis of mid semester, end semester exam, laboratory performance, quiz and tutorials. Credit system is adopted.</p>
Teaching and Learning	<p>? Teaching and Learning Outcome based education system is followed. Primarily class room teaching mode is adopted supplemented by e lecture delivery, usage of ICT sources. Mid semester test and final examination are taken to evaluate student performance. Equal emphasis is given to laboratory and tutorial sessions also to evaluate the learning of a student. Mechanism to identify slow and fast learners and the measures to be taken are in place.</p>
Curriculum Development	<p>? Curriculum Development: Within the affiliating University framework Board of studies of every course is constituted with members from the Institute, expert from premier Institutes and representative from alumni, student, parent and industry personal. After due consultation syllabus and scheme of every course is finalized which is then put before the academic council of the Institute for approval. After due approval from the academic council, the scheme and syllabus is implemented. Input from other sources and experts regarding recent trends and other aspects are also taken. Efforts are made to procure quality books and other resources in the Library.</p>

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

E-governance area	Details
Planning and Development	<p>? Planning and Development Discussion with key players viz. BoG members, Dean, experts, University officials, Government officials are done using</p>

	digital platforms.
Administration	? Administration Most of the office orders and their implementation is done in paper less mode. Social media groups are also created with faculty and members where the information is disseminated quickly and effectively.
Finance and Accounts	? Finance and Accounts Tally software is used to keep the account books. Accounts staff depends on accounts software for fees collection, DCR maintenance, and document management (CAPA) to fulfil their needs.
Student Admission and Support	? Student Admission and Support Partly, for admission students depend on Students Academic Management System (SAMS).
Examination	? Examination The examination section uses the software (Academia) to manage examination systems on-line starting from students' enrolment to issue of mark-sheets and provisional certificates.

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
2020	Nill	As per attached file	Nill	Nill
2019	Nill	As per attached file	Nill	Nill

[View File](#)

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
Nill	nil	Nill	Nill	Nill	Nill	Nill

[View File](#)

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

Title of the professional development	Number of teachers who attended	From Date	To date	Duration
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programme				
As per attached file	Nil	Nil	Nil	Nil
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nil	Nil	Nil	Nil

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Medical allowance of Rs. 350/- PM is paid as medical allowance	Medical allowance of Rs. 350/- PM is paid as medical allowance. Staff welfare fund to meet out urgent financial emergency.	Group insurance. Tuition fee relaxation under various scholarships schemes. Stationary allowance for weaker section as per the state Govt. norms and funds.

6.4 – Financial Management and Resource Mobilization

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

6.4.1 Institution conducts internal and external financial audits regularly (with in 100 words each) Statutory Audit is conducted regularly by M/S Singhai associates Chartered Accountants Gwalior. State Government assigned local fund audit is also conducted on regular basis. Financial resources are mobilized through grant-in-aid received from state Govt., TEQIP funds from MHRD, testing, consultancy, fees, submitting proposals under various schemes to AICTE, UGC, MPCST, state government. etc.

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
As per attached file	Nil	Nil
View File		

6.4.3 – Total corpus fund generated

0

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	TEQIP	Yes	AAC
Administrative	Yes	TEQIP	Yes	AAC

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

1. Parent representative in academic council of Institute. 2. Periodic interaction with parents. 3. Involvement in feedback system.

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

1. Study leave. 2. Facilitating to enrol in online MOOCS courses. 3. Time bound promotion scheme. 4. Best performer is awarded on Independence and Republic day.

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

1. Implementation of outcome based education. 2. Improving IT enabled teaching infrastructure. 3. Participation in TEQIP-III activities leading to periodically academic and administrative audit of

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
Nil	As per attached file	Nil	Nil	Nil	Nil
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 institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Nil	Nil	Nil	Nil	Nil

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
Installation of solar panels to meet partial power requirement of the Institute. Replacement of fluorescent light sources by LED sources.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Provision for lift	No	Nil
Ramp/Rails	No	Nil
Braille Software/facilities	No	Nil
Rest Rooms	Yes	Nil
Scribes for examination	No	Nil
Special skill	No	Nil

development for differently abled students		
Any other similar facility	No	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	Nil	Nil	Nil	Nil	Nil	As per attached file	Nil
2020	Nil	Nil	Nil	Nil	Nil	As per attached file	Nil

[View File](#)

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Rules	Nil	AICTE guidelines, MP rule handbook and Institute rules are available with Registrar of the Institute.(MP Govt, AICTE and Instt.)

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
As per attached file	Nil	Nil	Nil

[View File](#)

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

1. Plantation drives through eco club of Institute. 2. Digging of water recharging pits 3. Segregation of waste from hostel and administrative areas. 4. Awareness amongst staff to reduce power consumption in administrative and hostel area. 5. Reuse of waste water for play fields. 6. Replacing of old air conditioners with new energy efficient ones. 7. On the occasion of Gandhi_Jayanti a pledge by the students and staff of Institute was taken to ban plastics in Institute Premises and undertook "shramdaan" as an activity by NSS under swachh Bharat Abhiyan

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Institute is providing scholarships to meritorious and financial weaker students under the aegis of Rajmata Scindia awards, Maharaja Mahdavrao Scindia award, Merit awards. 2. Inclusive planning for the improvement of academic and

administrative performance of Institute. 3. Teaching faculty is constantly motivated for enhancing qualifications, knowledge, and research. From TEQIP -III funds faculty/ staff and students are deputed for Training /FDPs /STTPs/ Workshops etc. at IITs, NITs and other reputed Institutes.

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

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

Funds are provided by the Institute for overall development of faculty, staff and students under TEQIP III scheme with full transparency. Institute was rated as best performer in TEQIP III project.

http://www.satiengg.in/TEQIP/TEQIP_III.aspx 2019 Batch, Computer Science student Mr. Himanshu Jain made the institute proud by securing AIR-3 in GATE Examination 2020.

Provide the weblink of the institution

<http://www.satiengg.in>

8.Future Plans of Actions for Next Academic Year

The pandemic COVID- 19 has drastically affected all the spheres of life. It is a challenging task to impart knowledge via online mode and minimize the loss of practical knowledge. While imparting knowledge care must also be taken to not create undue burden of students and faculty as all are in psychological distress. Following areas are indentified where improvements can be done: Online webinar can be conducted in online mode to improve the research outreach and taper areas of future collaboration. Efforts must also be made for charting MoUs with leading Institutes / agencies. Placements of students will be a challenging task. Students can be guided to take up online internships so that they can have a fair chance of employment in near future. Once the pandemic situation improves all the faculty and staff must work hard to meet the targets for TEQIP III projects and meet out the objectives of the CRS projects. The faculty will be advised to publish their research work in quality publications. The concerned departments who have submitted SAR must prepare themselves for the NBA visit while other Department must work towards submitting SAR to NBA. As the NAAC and UGC autonomous term is also expiring, preparation on these will also be required. Institute participation in NIRF ranking must also be ensured. Departmental coordinators for all these development activities will be assigned tasks for effective implementation of the requirements of these agencies. On the academic front, new UG programs B.Tech. in IoT and AIDS are planned for approval from AICTE. A strategy to compensate the loss in experiments due to online mode must be devised by all the Departments once the situation normalizes. In future there should be discussion on attainments and other aspects also in BoS and academic council meetings.