



Yearly Status Report - 2016-2017

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.Sanjay Katarey																		
Phone no/Alternate Phone no.	07592250296																		
Mobile no.	9826050049																		
Registered Email	sanjaykatarey@hotmail.com																		
Alternate Email	sanjaykatarey@satiengg.org																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	http://www.satiengg.in/PDF/AQAR16-17-converted.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/Academic%20Calender Ist 201020050820.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>28-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	28-Mar-2021
Cycle	Grade	CGPA	Year of Accreditation	Validity															
				Period From	Period To														
1	B	2.36	2016	29-Mar-2016	28-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		21-Jun-2016		12															

[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	MHRD	2017 03	150000000

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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 :**

1

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)

Facilitating academic schedule and providing inputs regarding composition of various academic committees. Sensitizing towards OBE system Facilitating Departments for going for NBA accreditation Establishment of various students chapters

[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	Achivements/Outcomes
Timely completion of session as per academic calendar Automation of Library Student chapters created	Achieved 1 Completed classification, Barcoding Library Automation work. 2. Computerised Circulation Service started through Library Management Software 'Koha' BMC Club Started in Dec

2015 E I Society, SATI, Vidisha ISTE (Indian Society if Technical Education) Department has been established robotic club and Innovation Centre for students open for 24X7 Club 'O' E IET,

[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:

No

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
BE	EI	III Year	15/03/2017
BE	ECE	V & VI SEM	15/03/2017
Mtech	EC	Practical	15/03/2017
BE	App Physics	App Physics	15/03/2017
BE	PCE	III,IV,VI Year	16/03/2017
MSc	App Math	I,II,II Year	17/03/2017
BE	BME	II,III Year	16/03/2017
BE	Civil	UG Course	20/03/2017
BE	BE	I,II sem.	22/03/2017
BE	Humanities	Humanities	27/03/2017

[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
Null	NIL	Null	Null	Null

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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NIL	Nil
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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
No file uploaded.		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	BE	2202
MCA	MCA	79
Mtech	ME/MTech	206
MSc	MSc	40
MBA	MBA	115
No file uploaded.		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	No
Parents	No

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

Feedback Obtained
<p>1) At the end of semester students fill out the feedback forms that contain information regarding course taught and teaching learning methodology. It is further analysed by team made by higher-ups. 2) Teacher fills out their appraisal and annual increment is released based on this. 3) BOG meetings convened regularly to discuss matter about academic, finance and infrastructure. Minutes are uploaded on website. 4) A separate cell is established for alumni that constantly interact with them. Alumni provide their support in placement, curriculum development and mentorship to students. 5) Parents suggestions are always considered at top priority to develop healthy and friendly environments in the campus.</p>

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	CE, EE, EC, ME, EI, CSE, PCE, BME	2160	Nil	1966
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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
2016	2202	96	125	17	142

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
142	30	4	4	8	6
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 maintain records (personal information as well as parent's information along with phone numbers) 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 also provided by other stake holders such alumni and industry person.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2642	142	1:19

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	Nil	Nil	Nil	30

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,	Designation	Name of the award, fellowship, received from Government or recognized
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	international level		bodies
Nil	nil	Nil	Nil
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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	VIII	30/05/2017	26/06/2017
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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	Nil	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
BE	BE	BE	549	495	90.16
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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)

<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
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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
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Nil	Nil	Nil	Nil	Nil
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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
Major Projects	1095	DST	3000000	2500000
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

2

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
Seminar on Skill, Innovation Entrepreneurship was organized under TEQIP-II	Institutional	17/05/2016
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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
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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
1	Incubation center	TEQIP	Nil	Nil	Nil
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
EI	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)
National	Institutional	100	Nil
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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
Physics	1
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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Nil	Nil	Nil	Nil
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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
Comparative Study of Single Point Incremental Sheet Forming on Conventional Setup and Flexible Hydraulic Support Setup	Sajal Bansal Dr Pankaj Agarwal	Published by International Journal for Research and development in technology	2017	Nil	SATI Vidisha	Nil
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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
Empirical Mode Decomposition for Speech Synthesis	Ram Kumar Panthi, Jyotsna Ogale	International Journal of Advanced Research in Computer and Communication Engineering	2016	Nil	Nil	Nil
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	4	50	10	10

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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)
Civil Engineering	Testing and design	CPWD, Local Bodies, Contractors	6467092

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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
Civil	Training to masons	Local Boday and Panchayat	274548	150

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3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
one Day Workshop on Water Conservation Rehabilitation of Rivers in India	TEQIP II	6	80

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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
Street play	1	NGO	20

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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
Desh badal raha hai	AICTE	Talk	7	168

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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
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Faculty interaction	12	TEQIP III	1
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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
MoU	MoU	CRISP	Nil	Nil	Nil
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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
DAS Auto	Nil	Student training	2
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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
7582637	7582637

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Laboratories	Existing
Laboratories	Newly Added
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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	Nil	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
e-Books	71166	Nil	Nil	Nil	71166	Nil
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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	765	7	100	0	7	0	0	0	0
Added	0	0	0	0	0	0	0	0	0
Total	765	7	100	0	7	0	0	0	0

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 recording facility
NIL	Nil

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
9273683	9273683	2124000	2124000

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>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) : All class rooms and laboratory are utilized full time during the odd and even semester. Time slots are given to each semester's students to access the books and E-resources in the library. There are two big playgrounds and one indoor stadium is in the campus along with volleyball and tennis court. Gym facility is also given to students of the institute. Policies have been defined at the college level for supervision and maintenance such facilities.</p> <p style="text-align: center;">http://www.satiengg.in/</p>

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
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Financial Support from institution	State Govt.	932	32240329
Financial Support from Other Sources			
a) National	Institute	22	110350
b) International	Nil	Nil	Nil
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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
Expert talk on Entrepreneurship	02/12/2016	150	TP Section
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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
2016	Special Lectures, workshops	150	200	91	122
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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
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
37	451	70	15	150	28
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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
2017	176	UG	Nil	NIL	PG
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year
(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	91
CAT	16
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Auditions by Dramatics Club "Aaghaz" (27.08.2016 - 28.08.2016)	Institutional	50
Workshop on making of eco-friendly Lord Ganesha (27.08.2016)	Institutional	45
Eco-friendly Ganesh Utsav 2016 (03.09.2016)	Institutional	1000
T-Shirt Painting Designing Competition Organized (12.09.2016)	Institutional	40
Kavya Path (23.12.2016)	Institutional	100
ShrimantMadhavraoScindia Memorial 15th State Level Inter-Engineering Cricket Tournament - 2017 13th Feb - 26 th Feb, 2017	State level	200
Inauguration of 3 days celebration #SamratUtsav and Yearly technical festival (Technovision) Satyarth-I 2k17,	Nil	400
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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2016	Second prize	National	1	1	Nil	Nil
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Students are the backbone of any Educational Institute and they play a major role in the progress of the university/ college/ department. At departmental level class representatives (CR's) are elected at the starting of the academic year to 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?

No

After the first batch which graduated out in 1965, the Institute has sent out, by now, about 4200 engineers and scientists throughout the India and abroad through the graduate and post-graduate programme being conducted in the institute. 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 time.

5.4.2 – No. of registered Alumni:

2034

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

SATI has an alumni cell to connect alumni from all over the world through official website that is managed by SATI Vidisha. Alumni cell SATI Alumni cell is providing a platform for interaction among our alumni, students and faculty. Alumni Association cell organizes regularly alumni meet through city wise or state wise even some meets belong to International Alumni Global Meet.

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)

Vision To contribute towards service and development of the mankind, through quality education and research in the area of Science, Technology and Management. Mission To create quality manpower equipped with technical skills, social values, leadership, creativity, and renovation for the benefits, betterment of mankind and sustainable development of the nation.

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	Online (as per state Govt. / Univ. norms).
Industry Interaction / Collaboration	Through IIPC cell interaction were

	made.
Human Resource Management	Training programs on office management and enhancement of computer skills were organised. Teachers are promoted to attend workshops and seminars.
Library, ICT and Physical Infrastructure / Instrumentation	Continuous procurement of new books and e books for Library. Installation of projectors and smart boards in class rooms to enable ICT. Creation of eco friendly campus is promoted.
Curriculum Development	After discussion with experts, students, alumni, employers curriculum is framed in Board of Studies and approved by Academic Council of Institute. Dean Academics takes care of this section
Teaching and Learning	• Outcome based education system is promoted. Dean Academics takes care of this section
Examination and Evaluation	Online system through CRISP for results and analysis. Controller of Exams takes care of this section
Research and Development	Motivation for faculty for sponsored research projects. Dean RD is assigned with the task of improving the RD. Dean RD takes care of this section

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

E-governance area	Details
Finance and Accounts	Through tally software

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
2016	Prof. M.L.Jatav	Workshop Electromagnetics and Antennas Design (WEAD-2016) 09.04.2016 to 10.04.16 IIT Varanasi	Nil	4000
2016	Dr. Shailendra Kr. Shrivastava	Workshop National knowledge Network (NKN) 21.01.2016 to 22.01.16 JNT	Nil	10000

		Univ. Hyderabad		
2016	Shri Aman Sharma	Analog CMOS Integrated Circuits	Summer school	5000
2016	Dr. S.K. Dhakad	Int.Conference Recent Advance in Mechanical Engineering (IC-RAME-2016)	Nil	6000
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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2016	Three days training programme on Remote Sensing, GIS Surveying was held 20th -22nd April 2016	Pranik Healing	20/04/2016	22/04/2016	25	57
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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
Signal Processing workshop	10	06/12/2016	08/12/2016	4
Advanced Power Electronics Electrical Drives (APEED 2016)	5	03/01/2016	05/01/2016	3
3D Printing Additive Manufacturing	2	20/12/2016	24/12/2016	5
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
73	69	151	151

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Medical allowance of Rs. 350/- PM Fix are being paid	Medical allowance of Rs. 350/- PM Fix are being paid	Exists

6.4 – Financial Management and Resource Mobilization

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

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
Nil	Nil	Nil
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6.4.3 – Total corpus fund generated

79617000

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	No	Nil	No	Nil
Administrative	No	Nil	No	Nil

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

From time to time interaction with parents is done.

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

Support staff is promoted to undertake training programmes to enhance their skills.

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

- Organised international conference, seminars, invited lectures of eminent persons.
- Implementation of major suggestions pointed out by UGC and NAAC expert teams.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	No
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b)Participation in NIRF	Yes
c)ISO certification	Nil
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
2017	IQAC meeting	Nil	Nil	Nil	Nil
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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
Women's Day celebration at SATI	07/03/2017	07/03/2017	43	75

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
1. Usage of LEDs. 2. Replacement of old air conditioners with new energy efficient ones 3. Working on the theme Clean campus - Green Campus 4. Plantation drive. 5. Organizing marathon to promote environment awareness 6. One day Workshop on "WATER CONSERVATION REHABILITATION OF RIVERS IN INDIA". 28 April 2016 7. 2-Day Seminar on Water Management, Resources and Emerging Challenges 06.09.2016-07.09.2016

7.1.3 – Differently abled (Divyangjan) friendliness

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

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address	Number of initiatives taken to	Date	Duration	Name of initiative	Issues addressed	Number of participating students
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	locational advantages and disadvantages	engage with and contribute to local community					and staff
2016	Nil	1	Nil	Nil	NSS	Nil	Nil
2016	Nil	1	Nil	Nil	NCC	Nil	Nil
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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

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Expert Lecture on Relevance of Non-Violence in Today's World by Dr. Hukumchand Bharill.	27/05/2016	27/05/2016	120
Celebration of Gandhi Jayanti	02/10/2016	02/10/2016	300
Celebration of 126th Constitution Day	26/11/2016	26/11/2016	134
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Plantation drive. 2. Construction of water ponds for water recharging. 3. Installation of solar panels for power supply. 4. Switching from fluorescent sources to LED based source of light. 5. Promoting paper less circulation of information / instructions.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

- Up-gradation of classrooms and creating infrastructure for ICT .
- Initiation of water conservation and electricity saving initiatives.

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

<http://www.satiengg.in/>

7.3 – Institutional Distinctiveness

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

1. Amongst one of the best performing Institutes in TEQIP II audits. Selected for TEQIP III funding. 2.. Discipline and Class Monitoring Committee: A committee of faculty, staff and students is constituted for discipline and

continuous monitoring of faculty/students attendance in the classes. 3. Continuous Motivation to faculty: Faculty has been constantly motivated for qualification upgradation, research and academics. Various training /FDPs/ STTPs/ Workshops etc are attended by the faculty/staff and students at IITs, NITs and other reputed Institutes for continuous learning process. 4. Students Learning: Better access to institute's facilities for students' learning. Students are also sent to various Internships/Workshops/programmes etc at IITs, NITs and other reputed Institutes for industrial and academic exposure. 5. System: MOODLE has been successfully implemented for technology based learning system. ? Implemented open source platform - MOODLE (modular object-oriented dynamic learning environment) ? MOODLE uses - students attendance, examination quiz, theory and lab assignment, course plan, notices 6. QEEE (Quality Enhancement in Engineering Education): A program funded by MHRD (Ministry of Human Resource and Development) with an objective to enhance the quality of technical education) 7. Swayam Prabha: The SWAYAM PRABHA is a group of 32 DTH channels devoted to telecasting of high-quality educational programmes on 24X7 basis using the GSAT-15 satellite. The contents are provided by NPTEL, IITs, UGC, CEC, IGNOU, NCERT and NIOS. The INFLIBNET Centre maintains the web portal. ? The DTH Channels shall cover Curriculum-based course contents at post-graduate and under-graduate level covering diverse disciplines such as arts, science, commerce, performing arts, social sciences and humanities, engineering, technology, law, medicine, agriculture, etc. ? All courses would be certification-ready in their detailed offering through SWAYAM, the platform being developed for offering MOOCs courses. 8. Student Mentorship through faculty and senior students: New Tutor Guardian Scheme has been developed for students counseling guidance. Under this scheme, maximum 20 students are assigned to a faculty member and to some senior students who acts as Tutor guardian to solve their problems and guide them to choose the right direction for their future.

Provide the weblink of the institution

<http://www.satiengg.in/>

8.Future Plans of Actions for Next Academic Year

Submission of SAR to NBA for accreditation of B.E. programs Enhancement in placements. Training programs for support staff to enhance their skills. Procurement of lab equipment under TEQIP III.