



- Name of the IQAC Co-ordinator/Director: Dr. Jetendra Pasrashar
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3. Website address: [www.satiengg.in](http://www.satiengg.in)

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

<http://www.satiengg.in/Academics/IQAC.aspx>

4. Whether Academic Calendar prepared during the year?

Yes/No....., if yes, whether it is uploaded in the Institutional website: Yes

Weblink: <http://www.satiengg.in/Academics/AcademicCal.aspx>

#### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 <sup>st</sup>	B	2.36	29/03/2016	28/03/2021
2 <sup>nd</sup>				
3 <sup>rd</sup>				
4 <sup>th</sup>				
5 <sup>th</sup>				

6. Date of Establishment of IQAC: DD/MM/YYYY: 28/11/2015

#### 7. Internal Quality Assurance System

7.1 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
Meeting of IQAC	02.03.2019	17
NBA accreditation	2019	2 Programs

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
Samrat Ashok Technological Institute Vidisha	TEQIP- III	NPIU	2017	15 Crore

9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No: **Yes**

\*upload latest notification of formation of IQAC **uploaded**  
[www.satiengg.in](http://www.satiengg.in) IQAC

10. No. of IQAC meetings held during the year: **01**

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website: Yes / No : **Yes**

11. Whether IQAC received funding from any of the funding agency to support its activities during the year? Yes No

If yes, mention the amount: Year:

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 T&P 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.

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

Plan of Action	Achievements / Outcomes
-Apply for NBA accreditation	Two programs B.Tech. Mech. and EI submitted SAR for NBA accreditation
- Enhancement in placement	Satisfactory
- Activities under TEQIP-III	Achieved
- Curriculum development	Achieved
- Improvement in result	Achieved

14. Whether the AQAR was placed before statutory body? Yes / No: No

Name of the Statutory body : Date of meeting(s):

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning?

Yes / No: No

Date:

16. Whether institutional data submitted to AISHE: Yes ✓ /No:

Year:

Date of Submission:

17. Does the Institution have Management Information System?

Yes

No ✓

Partly, for admission students depend on Students Academic Management System (SAMS). 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. Accounts staff depends on accounts software for fees collection, DCR maintenance, and document management (CAPA) to fulfil their needs. 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.

## Part-B

<b>CRITERION I – CURRICULAR ASPECTS</b>					
<b>1.1 Curriculum Design and Development</b>					
1.1.1 Programmes for which syllabus revision was carried out during the Academic year					
Name of programme	Programme Code	Dates of revision			
B.Tech. & M.Tech.	Mechanical Engg.	30.05.18			
B.Tech.	EI	01.06.18			
B.Tech	EE	29.06.18			
B.Tech	CE	7.7.18			
B.Tech	CSE	24.6.18			
B.Tech	BME	5.6.18			
B.Tech & M.Tech.	EC	27.6.18			
B.Tech	PCE	31.5.18			
B.Tech	CA	2.6.18			
B.Tech (Common Subject)	Physics	4.6.18			
B.Tech (Common Subject)	Chemistry	4.6.18			
B.Tech (Common Subject)	Mathematics	5.6.18			
B.Tech (Common Subject)	Humanities	6.6.18			
1.1.2 Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year					
Programme with Code	Date of Introduction	Course with Code	Date of Introduction		
Electronics & Communications	2002	Managerial Economics (EC1831)	09/05/2018		
Electronics & Communications		Language Lab (EC1836)	09/05/2018		
Electronics & Communications		Internship – I (EC1837)	09/05/2018		
Electronics & Communications		Internship – II (Evaluation) (personality development) (EC 1857)	09/05/2018		
<b>1.2 Academic Flexibility Nil</b>					
1.2.1 New programmes/courses introduced during the Academic year					
Programme/Course			Date of introduction		
1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year. <b>Nil</b>					
Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
Electronics and Instrumentation		NIL	06 June 2019	New Elective courses	

				introduced ( EI1871 DE-1(A) and(B) ) A. Artificial Intelligence and machine learning B. Neural Network and deep learning	
Already adopted (mention the year)					
<b>1.3 Curriculum Enrichment Nil</b>					
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	
1.3.2 Field Projects / Internships under taken during the year					
Project / Programme Title			No. of students enrolled for Field Projects / Internships		
Internships Programme B.Tech. CSE, Civil, Mech., EI. EC, EE, PCE, BM, IT			763		
<b>1.4 Feedback System</b>					
1.4.1 Whether structured feedback received from all the stakeholders.					
1) Students	2) Teachers	3) Employers	4) Alumni	5)Parents	
Yes ✓/ No	Yes✓/ No	Yes ✓ / No	Yes ✓ / No	Yes ✓ / No	
Computer Science and Engineering Yes	Yes	Yes	Yes	Yes	
Electronics and Instrumentation Yes	Yes	Yes	Yes	Yes	
Electronics Comm. Yes	Yes	Yes	Yes	Yes	
Civil Engineering	Yes	Yes	Yes	Yes	
Mechanical Engineering	Yes	Yes	Yes	Yes	
Electrical Engineering	Yes	Yes	Yes	Yes	
MCA	Yes	Yes	Yes	Yes	
MBA	Yes	Yes	Yes	Yes	
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 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.

## **CRITERION II -TEACHING-LEARNING AND EVALUATION**

### **2.1 Student Enrolment and Profile**

#### **2.1. 1 Demand Ratio during the year**

Name of the Programme	Number of seats available	Number of applications received	Students Enrolled
B Tech	540	For all the courses centralized counselling by State Govt. agency is performed	445
M Tech.	205		62
MCA	60		03
M.Sc.	100		16
MBA	60		40
CSE	120		120
CSE(M.Tech.)	18		05
EI	60		43(41+02)

#### **2.2 Catering to Student Diversity**

##### **2.2.1. Student - Full time teacher ratio (current year data) GH- /PZC**

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
18-19	2230	317	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 ( <i>LMS, e-Resources</i> )	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
117	110	A quite good number of ICT tools are available viz. desktop and	10	27	Online Videos like NPTEL videos,

		laptops, Projectors, Printer, Photocopier, Pen Drive, Scanner, Microphone, interactive white board and Audio systems, presentation software's, and LCD backed by NKN supported Internet facility and Wi-Fi Connectivity.			relevant YouTube links through Google classroom . Shared learning materials, slide handouts on Google Classroom m. e books and journals subscribed by Library are also available for students.
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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
2547	117	20:1

## 2.4 Teacher Profile and Quality

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

No. of sanctioned positions	No. of filled	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
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	positions			
95	61	34	Nil	39

#### 2.4.2 Honours and recognitions 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. Shailesh Jaloree	Professor	Academic Excellence Award awarded in an International Award Ceremony
2018	Dr. Umesh Banodha	Asso. Prof.	Won prize in track I at international conference on data management, Analytics & Innovation
2019	Dr Divya Rishi Sahu	Astt. Prof.	Felicitated 02 times by the achiever of the month award by SGI, Bhopal, 1st rank in sketching competition at District Level
2018	Sheena Kumar	Astt. Prof.	Appreciation received from INDIA INNOVATION CHALLENGE DESIGN Contest 2018

#### 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
Bachelor of Engine	BE Final Year	2018	31/12/2018	01/ 02/ 2019

ering-		2019	14/05/2019	25/05/2019
Post Graduate	ME, M.Tech, MBA, MCA, M.Sc.	2018		
		2019	14/ 05 /2019	25/05/2019
2.5.2 Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year				
<b>*Do not include re-evaluation/ re-totalling</b>				
Number of complaints or grievances about evaluation		Total number of students appeared in the examination		Percentage
NIL		2572		0
<b>2.6 Student Performance and Learning Outcomes</b>				
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) <a href="http://www.satiengg.in/UploadContent/Frm_ViewScheme.aspx">http://www.satiengg.in/UploadContent/Frm_ViewScheme.aspx</a>				
2.6.2 Pass percentage of students				
Programme Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final Semester / year examination	Pass Percentage
CSE	B. Tech.	140	137	98%
EI	B. Tech.	61	61	100%
EC	B. Tech.	65	64	98.5%
BT	B. Tech.	546	543	99.45%
PG	Total-M.Tech.		132	
<b>2.7 Student Satisfaction Survey:</b> <a href="https://docs.google.com/spreadsheets/d/1IWybbxpe6YdaMpif9XqBRFmJBQ4OnvJhrzEoDmlF-ww/edit?usp=sharing">https://docs.google.com/spreadsheets/d/1IWybbxpe6YdaMpif9XqBRFmJBQ4OnvJhrzEoDmlF-ww/edit?usp=sharing</a>				
<b>CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION</b>				
<b>3.1 Promotion of Research and Facilities</b>				
3.1.1 The institution provides seed money to its teachers for research,				
Yes..... No.√ ..... if yes give details				
3.1.2 Teachers awarded National / International fellowship for advanced studies / research during the year				

	Name of the teacher awarded the fellowship	Name of the Award	Date of Award	Awarding Agency
National	Nil			
International	Nil			

### 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				
Dr.S.K.Mahajan Surface plasmons in up converting Luminescence	03 years	SERB	30,00,069	250000
Dr. B.S.Chauhan Suitability of Geosynthetic Clay Liners based on Hydraulic Conductivity for various types of Leachat)	1 year	National Project Implementation Unit (NPIU) under TEQIP -III	Rs. 12.11lacs	Rs.6.055 Lacs
Dr Bablu Kirar (Modification of Engineering properties of expansive soil by waste materials)	1 year	National Project Implementation Unit (NPIU) under TEQIP -III	Rs.19.80 Lacs	Rs. 9.90 Lacs
Dr Rakesh Meher (Performance improvement of Bituminous using marginal aggregate and polymer modified binder)	1 year	National Project Implementation Unit (NPIU) under TEQIP -III	Rs.15.00 Lacs	Rs. 7.50 lacs
Minor Projects	NIL		NIL	
Interdisciplinary Projects			NIL	

Industry sponsored Projects			NIL	
Projects sponsored by the University/ College			NIL	
Students Research Projects ( <i>other than compulsory by the College</i> )			NIL	
International Projects			NIL	
Any other(Specify)			NIL	
Total	04			

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

Total 04 research projects

### 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(s)
The International seminar and exhibition on innovations and opportunities in building materials and house technologies. Coordinator Dr Pramod Sharma 52 Faculties attended	SATI Vidisha	01.11.18 to 03.11.18

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

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
Our institute is awarded by All India Council for Robotics and Automation at IIT Delhi for outstanding performance in Science Technology Engineering and Mathematics STEM	SATI, Vidisha	AICTE	16th April 2019	National

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

Incubation Centre	Name	Sponsored by
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SATI Vidisha	Startup Cell	MSME	
Name of the Start-up	Nature of Start-up	Date of commencement	
NIL			
<b>3.4 Research Publications and Awards</b>			
3.4.1 Ph.Ds awarded during the year			
Name of the Department	No. of Ph. Ds Awarded		
E&I	01		
Maths	01		
3.4.2 Research Publications in the Journals notified on UGC website during the year			
	Department	No. of Publication	Average Impact Factor, if any
National		08	
International		04	1.7
3.4.3 Books and Chapters in edited Volumes / Books published, and papers in National / International Conference Proceedings per Teacher during the year			
Department	No. of publications		
Electronics and Instrumentation	01		
MCA	02		
Mechanical	01		
Applied Science	01		
3.4.4 Patents published/awarded during the year :			
Patent Details	Patent status Published	Patent Number	Date of Award
	03		
Device to understand physically disabled person with their eyes gestures CSE Department	Published	201821036407A	21/12/2018
System of power management with maximum power point tracking (MPPT)control of large-scale grid connected inverter for photovoltaic applications	Published	201911017877	04/05/2019

Mechanical Engg. Department			
Fuzzy Neural Network based PID Control System and Method Thereof for Industrial process  Mechanical Engg. Department	Published	20194102447	20/06/2019
Intelligent System for Optimization the output of Solar Panels Working Indian System  Mechanical Engg. Department	Published	201921024891	12/06/2019 19/07/2019
Method of Statistical data Based Smart Reservation & Charging of Parking  Mechanical Engg. Department	Published	201921026715	03/07/2019 16/06/2019

3.4.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med / Indian Citation Index

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
An efficient k-means algorithm for the cluster head selection based on SAW and WPM	Y. K. Jain	International Journal of Advanced Computer	July 2018		SATI Vidisha	
Second harmonic	J.Paras har	Physics of Plasmas	2019	(AIP) <b>26</b> , 022301,	SATI Vidisha	2

generation by crossed surface plasma waves over a metallic surface				2019		
Neural Modeling of Fetal Biometric Parameters for Detection of Fetal Abnormality	Dr. Alok Jain	IETE Journal of Research	2019	IETE	SATI Vidisha	
Intense Upconversion Emission of Ag-Tm <sup>3+</sup> /Yb <sup>3+</sup> codoped Germano-Tellurite Glasses ,	S.K.M ahajan and G.F. Ansari		2018	AIP Conf. Proceeding Vol. 2104, (2018) 020013-1–020013-4	SATI Vidisha	
Frequency Upconversion in Er <sup>3+</sup> doped Tugsrent Tellurite glass containg Ag Nanoparticles	S.K.M ahajan and J.Paras har		2018	AIP conf. Proceeding 2018 Vol . 1966, Page No. 020022-1-020022-4	SATI Vidisha	
Structural properties of Ag-Er <sup>3+</sup> doped Tungsten Tellurite Glass Ceramics	S.K. Mahajan and Ravi Jain,		2019	Material Today: Proceeding <b>21</b> (2020) 1361-1365	SATI Vidisha	
Upconversion Emission of Ag Nanoparticles with Er <sup>3+</sup> /Yb <sup>3+</sup>	S.K. Mahajan J.Paras		2019	AIP Conf. Proceeding <b>2142</b> (2019), Page No.	SATI Vidisha	

ions in Tellurite Glasses under 980nm Laser Excitation	har			070001-1-070001-5		
Fluorescence Imaging of Er <sup>3+</sup> / Yb <sup>3+</sup> codoped Tungsten Tellurite Glasses with silver Nanoparticle	Ravi Jain and S.K. Mahajan		2019	AIP conf. Proceeding Vol . 2115, (2019) 030265-1-030265-4	SATI Vidisha	

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

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
Upconversion emission of Tm <sup>3+</sup> doped germinate tellurite glasses with Au-Ag core-shell nanoparticles	S.K. Mahajan G.F Ansari	AIP Conf. Proceeding <b>2162</b> , 020160 (2019)	2019	60		
Upconversion Emission of Ag Nanoparticles with Er <sup>3+</sup> /Yb <sup>3+</sup>	S.K. Mahajan J.Parashar	AIP Conf. Proceeding <b>2142</b> (2019), Page No. 070001-1-070001-5	2019	60		



ions in Tellurite Glasses under 980nm Laser Excitation						
Fluorescence Imaging of Er <sup>3+</sup> /Yb <sup>3+</sup> codoped Tungsten Tellurite Glasses with silver Nanoparticle	Ravi Jain and S.K. Mahajan	AIP conf. Proceeding Vol. <b>2115</b> , (2019) 030265-1-030265-4	2019	60		

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

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	07	20	15	14
Presented papers	12	18	12	10
Resource Persons	01	07	04	04

**3.5 Consultancy**

**3.5.1 Revenue generated from Consultancy during the year**

Name of the Consultant(s) department	Name of Consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Civil	Building	Private contractors	1929414/-

**3.5.2 Revenue generated from Corporate Training by the institution during the year:**

19,000/-

Name of the Consultant(s) & Department	Title of the Programme	Agency seeking training	Revenue generated (amount in rupees)	Number of trainees

**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 co-ordinated in such activities	Number of students participated in such activities
NCC	14 MP BN NCC Vidisha	02(Two)	212 (Two hundred and twelve)
NSS	T archo an T shirt design / painting competition organised for all district school students up to 8th class	4	50
	Swachchata Awareness	2	100
	Rally plantation drives	8	
NCC	Plantation	2	100
	Vijay diwas Celebration	2	100
	Swachchta Abhiyan	2	170
	International Yoga Day	2	60
	National sport day Celebration	2	170
Workshop on Rural Road Development Techniques by Civil Department, SATI.	SATI, Vidisha (M.P)		110

3.6.2 Awards and recognition received for extension activities from Government and other

recognized bodies during the year: NIL			
Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited
National level competition (Malkhambh)	Gold Medal	GOI	01
SATI awarded in the field of Construction Technology	Appreciation award	23rd CIDC Annual Day, 8.3.2019	

**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 co-ordinated such activities	Number of students participated in such activities
Talk	Great Gandhian and philosopher Shri Subbaraoji (Bhaiji) gave a message of world peace on 28 June 2018 at SATI Campus	Talk	10	300
Prayer of all religion	Dr. Subbarao Ji, 10th January 2019	Prayer	05	1000
Workshop	"RajYoga Meditation - For Tensionless Life" 15th March 2019	Yoga	04	100
Talk	National Water Conservation Day 22.3.2019	Talk	05	152

**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
Organized a Workshop on Social Innovation & Entrepreneurship with Joint Collaboration with IIT KANPUR	250 students	TEQIP III	8.9.2018
Startup India Yatra Madhya Pradesh	40	TEQIP III	18.7.2018

n Boot Camp at RGPV, Bhopal	4	TEQIP III	19.7.2018
Grand Finale Startup Yatra, SGSITS Indore	4	TEQIP III	1to 3 Aug. 2018
Start up Conclave, ESCI Hyderabad	10	TEQIP III	27to 29 July 2018
Organized start up conclave 2k18	38	TEQIP III	22 Sept. 2018
Organized Rural Hackthone institute level	08 team	TEQIP III	29-30, Oct 2018
Organized One week STTP on Web designing and Development Organized at SATI Vidisha	45 students	TEQIP III	13-18 Oct, 2018
Work shop on smart India Hackathone organized by AICTE at RGPV Bhopal	48 students	TEQIP III	17/01/2019
Smart MP Hackathone 2019 (SMPH-19) Hackathone	07 team participates & 148 students	TEQIP III	8-10, March2019
One week startup conclave 19,with calibration VNIT	40 participants Faculty and students	TEQIP III	Nagpur 8-12, April 2019

**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-To)	participant
MOUs	MOUs	Insta Printz Indore	20.04.2018	
MOUs	MOUs	Robonomics AI India Private Limited (RAI)	22.06.2018	
MOUs	MOUs	SHAKTISTELLER ESPL, Bhopal	16.07.2018	
MOUs	MOUs	Society for Advanced Technologies, Bhopal	27.07.2018	
MOUs	MOUs	ITSC Technologies Pvt. Ltd., Bhopal	25.08.2018	
MOUs	MOUs	Aspiring Mind Assessment Pvt. Ltd. Haryana	28.08.2018	

**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 and Activities	Number of students / teachers participated under MoUs
MPCST, Bhopal	19.09.2018	R&D	Entire regular faculty
Barkatullah University Bhopal	22.06.2019	R&D	Entire regular faculty

**CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES**

<b>4.1 Physical Facilities</b>						
4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year						
Budget allocated for infrastructure augmentation			Budget utilized for infrastructure development			
			4800000/-			
4.1.2 Details of augmentation in infrastructure facilities during the year						
Facilities	Existing		Newly added			
Campus area	85 Acres					
Class rooms	32 No.					
Laboratories	55 No.					
Seminar Halls	02 No.					
Classrooms with LCD facilities	27 No.					
Classrooms with Wi-Fi/ LAN	27 No.					
Seminar halls with ICT facilities	02No.					
Video Centre						
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	08					
Value of the equipment purchased during the year (Rs. in Lakhs)	Rs.9914144					
Others						
<b>4.2 Library as a Learning Resource</b>						
<b>4.2.1 Library is automated {Integrated Library Management System (ILMS)}</b>						
Name of the ILMS software	Nature of automation (fully or partially)		Version		Year of automation	
KOHA	Fully		03.10.09		2015	
4.2.1 Library Services:						
	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	70082	6400000	1338	Rs 606033	71420	Rs. 7006033
Reference Books	4264	Approx. 1000000	NIL	NIL	4264	Approx. 1000000
e-Books	245	Rs 535815	52	Rs. 191919	297	Rs. 727734
Journals	55	Rs.103697	55	Rs.103697	110	Rs. 207394
e-Journals	275	Rs.671774	64	Through AICTE	64	Through AICTE
Digital Database	02	Through AICTE	02	Through AICTE	02	Through AICTE
CD & Video	2031	Through IIT Madras	NIL	Nil	2031	Through IIT Madras
Library automation	Yes Koha 3.8	Nil own expertise	Yes Koha 03.10.09	Nil own expertise	Yes	Nil own expertise
Weeding (Hard & Soft)	12032	Rs 425000	No	No	12032	Rs 425000
Others (specify)	NO	NO	NO	NO	NO	NO

4.2.2 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 : <b>NIL</b>									
Name of the teacher		Name of the module			Platform on which module is developed			Date of launching e - content	
<b>4.3 IT Infrastructure</b>									
4.3.1 Technology Upgradation (overall)									
	Total Computer s	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available bandwidth (MGBPS)	Others
Existing	655	05		05	05			1 GBPS	
Added	109								
Total	764								
4.3.2 <i>Bandwidth available of internet connection in the Institution (Leased line)</i>									
1 GBPS NKN									
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				
					<a href="http://www.satiengg.in">www.satiengg.in</a> →central Library				
<b>4.4 Maintenance of Campus Infrastructure</b>									
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	
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>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>									

**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	1) Post metric scholarship –SC	324	As per norms
	2) Post matric scholarship –ST	95	As per norms
	3)Post matric scholarship –OBC	605	As per norms
	4) MMJKY-	04	As per norms
	5)MMVY-	22	As per norms
	6)Rajmata Scindia Award	07	49450
	7)Shrimant Madhavrav Scindia Award	16	62300

**Financial support from other sources**

a) National	1)Merit cum means	41	As per norms
	2)Central sector	17	As per norms
	3)Handicap scholarship	02	As per norms
	4) PMSSS	02	121375
b) International	ICCR scholarship	01	114400
a) National (Civil)	TEQIP-3 for GATE Exam	69	
b) International			

**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
Remedial coaching			
(Civil)Employability Skill Training	21/08/2018	12	Aspiring Minds Assesments Pvt. Ltd.
(Civil)Employability Skill Training	21/08/2018	12	Aspiring Minds Assesments Pvt. Ltd.

**GATE Training****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 by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed	Number of students placed

				in the competitive exam	
2018-19	(Civil) Employability Skill Training	-	12	-	10
2018-19	(Civil) GATE Training	28	-	22	-
2018-19	TEQIP-III	267	543	83	167

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

Institute has counselling cells for students, women counselling cell and an active feed back system. A complaint box is also placed at the main building. Periodically Institute higher authorities also interact with students in campus and also in hostels.

Total grievances received: <b>NIL</b>	No. of grievances redressed	Average number of days for grievance redressal
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## 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	Number of Students Placed
Zensar Technologies		08	
Trading Bells		11	
Relince Jio		01	
Xoriant Technologies		01	
Prism Johnson Ltd.		06	
Capgemini		49	
Tata AIG		02	
TCS		35	
BORL		02	
Infosys		09	
Cognizent		02	
Kotak Mahindra		08	
GR Infra		03	
Research Panel, Indore		05	
Infostretch Corporation (India) Pvt Ltd.		01	



Rippls Advisory Indore	<b>Total=543</b>	15	
Kalka IAS Academy, Bhopal		02	
Calsoft		02	
Infosys		01	
Insta Printz		01	
Tech Mahindra		02	
50 Hertz Pvt Limited		01	
			<b>Total=167</b>

### 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
	188				

### 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	No. of Students <b>selected/qualifying</b>	<b>Registration number/roll number for the exam</b>
NET		
SET		
SLET		
GATE	83	267
GMAT		
CAT		
GRE		
TOFEL		
Civil Services		
State Government Services		
Any Other		

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

Activity	Level	Participants
1) Cricket Tournament	State level	Teams from various engineering college of MP
2)Samrat Utsav	Institute level	Students of college
3)Techno Vision	State level	Students from various college

## 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	Sports	Cultural	Student ID number	Name of the student
Civil Engg.						

2018	Gold Medal	National	Aerial Sports	-	0108CE163D10	Saurabh Arjaria
2018	Gold Medal	State	Yoga	-	0108CE163D10	Saurabh Arjaria
2019	Gold Medal	State	Malkham	-	0108CE163D10	Saurabh Arjaria

**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.

**5.3 Alumni Engagement**

**5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words): Yes**

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.

Yes,

Alumni Portal: <https://alumni.satiengg.in>

Alumni Registration page [http://satiengg.in/Alumni/Frm\\_AlumniRegistration.aspx](http://satiengg.in/Alumni/Frm_AlumniRegistration.aspx)

Alumni List [http://satiengg.in/Alumni/RegisteredAlumni\\_Display.aspx](http://satiengg.in/Alumni/RegisteredAlumni_Display.aspx)

(T&P)Alumni Association its functions & achievement: SATI has an alumni association 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.

5.3.2 No. of registered Alumni:				
(Civil Engineering- 368)				
5.3.3 Alumni contribution during the year (in Rupees) :				
5.3.4 Meetings/ activities organized by Alumni Association : Alumni meet December 2018				
<b>CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT</b>				
<b>6.1 Institutional Vision and Leadership</b>				
6.1.1 Mention two practices of decentralization and participative management during the last year (maximum 500 words)				
Every department is authorised to create own research groups and decide on the roadmap for next five years. Except for I year every Department is given autonomy for planning its own lecture schedule and course contents. Advice on Institutional development is taken periodically by the management of the Institute. TEQIP III funds are utilized on the basis of recommendations of the Departments only.				
6.1.2 Does the institution have a Management Information System (MIS)?				
Yes/No/Partial:				
Partial				
<b>6.2 Strategy Development and Deployment</b>				
6.2.1 Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):				
❖ Curriculum Development				
❖ Teaching and Learning				
❖ Examination and Evaluation				
❖ Research and Development				
❖ Library, ICT and Physical Infrastructure / Instrumentation				
❖ Human Resource Management				
❖ Industry Interaction / Collaboration				
❖ Admission of Students				
6.2.2 : Implementation of e-governance in areas of operations:				
❖ Planning and Development				
❖ Administration				
❖ Finance and Accounts				
❖ Student Admission and Support				
❖ Examination				
<b>6.3 Faculty Empowerment Strategies</b>				
6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year				
Ye ar	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

	Dr. Chandrapal Singh Prof. Prachi Kankherkar	Attend and present separate title of their papers in international conference from 3 to 5 Aug. 18 at NIT Surat		23790
	Dr. Ravi Jain and Prof. M.Datar	"Program on Basic Skill Training for Mentors" from 28 to 29 Jul. 18 at VNIT Nagpur.		14471
	Dr. J. Parashar Dr. Pramod Sharma Dr. Pradeep Purohit	Seminar on 'Recent Innovations in advanced Materials (RIAM-2018) Physics of advanced materials" from 18 to 19 Sep. 18 at CSIR AMPR Bhopal		4000
	1. Dr. Rajeev Jain 2. Dr. S.S. Goliya 3. Prof. K.G. Kirar		Life time membership of ISTE New Delhi. @Rs. 3540	Rs. 10620/
	TANU CHATURVEDI AND PROF RAKESH MEHAR		Life time membership of ISTE New Delhi. @Rs. 3540	7080
	1. Prof. Pradeep Semil 2. Prof. Anamika Kushwah 3. Prof. Ruchi Chauhan 4. Dr. Rakesh mehar		Life time membership of ISTE New Delhi.	Rs. 14160/-
	Dr. Ashish Manoria		Membership of SAEINDIA	Rs 1298/-
	Prof. Sanjay Jain		Membership of SAEINDIA	Rs 1298/-
	Dr. B.Narasinga Rao	National Workshop on English Language teaching local and global consideration from 23.7.19 to 27.7.19 at Lucknow		5180
	Dr. Manorama Saini IIM Indore Dr. S.K. Dhakad IIM	FDTs programme in Various IIM Centres 17 to 21 June 19		56582

	<p>Indore</p> <p>Dr. Prasant Tiwari IIM Kozhikode</p> <p>Dr. C.P. Singh IIM Kozhikode</p> <p>Dr. Soniya Rajpoot IIM Raipur</p>			
	<p>Prof. Sachin Jain IIM Shillong</p> <p>Dr. R.N. Shukla IIM Udaipur</p> <p>Dr. Anand G. Chandrawanshi IIM Udaipur</p>	Professional Development Training (PDTs) from 10.6.19 to 14.6.19		33059
	Prof. Sanjeet Kumar	Short Term Training Programme (STTP) on Information Retrieval (IR) and machine learning for IR from 17.6.19 to 21.6.19 at VNIT Nagpur		10940
	PROF LOKESH SAHU, PROF ABHISHEK, PROF SANDEEP S, PROF CHENNAI K , PROF TUSHOR L, PROF PIYUSH JAIN, PROF MANALI S, PROF DR SAHU, PROF SANJEET K, PROF MUKESH A	Summer Training from 27 to 31 May 19 at IIT Gandhi Nagar		125243
	Prof. S.S. Goliya, Prof. Ramratan Ahirwal, Dr. Sunil Joshi, Prof. Abhishek Mathur, Prof. Satyendra Kumar Jain	Two days Training Programme on Newly developed PMS software at Sardar Patel College Engg. Mumbai 16 to 17 May 19.		28786
	Dr. S.K. Dhakad	Smart City Convergence 19 on International Conference on Smart Energy & Communication at PIET Jaipur 06 to 07 April 19.		8189

	Dr. Sunil Joshi Prof. Ramaratan Ahirwal, Prof. Satish Pawar	FDP on Cybersecurity & Cyberwar (CNC2019) at School of Computer Science UPES Deharadun from 3 to 7 June 19 .		78122
	Mrs. Shilpa Datar Dr. Diya Rishi Sahu, Prof. Lokesh Sahu	One week AICTE-RGPV joint teachers training programme on Internet of things & its applications at UIT RGPV Bhopal from 26 to 30 March 19.		4013
	Prof. Jagdish Prasad Shakya	AICTE QIP STC on Sustainable Development Methods & Practices (SD:MP) 21 to 25 Feb. 19 at MITS Gwalior.		4496

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	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
	6-Day MATLAB workshop organized by Electrical Engineering		6 <sup>th</sup> – 11 <sup>th</sup> February 2019	15	01
	Workshop on Rural Road Development Techniques by Civil Department, SATL.		12 <sup>th</sup> February 2019	20	02
	Workshop on “Active Learning “ at IIT BOMBAY under TEQIP – III		11 June – 15 June 2018	105	
	Faculty Development Program “Recent Advancement in Transportation Engineering”		08-12 October 2018	30	
	5 Days Faculty Development Programme on “Pedagogy and Active Learning”		20 <sup>th</sup> – 25 <sup>th</sup> May 2019	40	
		3 days National Workshop on “Office Management &	20 <sup>th</sup> - 22 <sup>nd</sup> May 2019		110

		Interpersonal Skills”			
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	Date and Duration (from – to)		
One week faculty development programme being organized on organization of induction training programme for newly admitted engineering students		Coordinators Dr. YP Joshi. Prof Sooraj Jain  22 Faculties	24.04.18 to 28.04.18		
FDP ON Lab view training conducted by EI department		Coordinator Dr. JV Ogale  15 Faculties	29.05. 18 to 02.06.18		
STC on wireless systems		02 Faculties	14.09.18		
The International seminar and exhibition on innovations and opportunities in building materials and house technologies		Coordinator Dr Pramod Sharma  52 Faculties	01.11.18 to 03.11.18		
6.3.4 Faculty and Staff recruitment (no. for permanent recruitment):					
Teaching			Non-teaching		
Permanent	Fulltime		Permanent	Fulltime	
Nil (no recruitment during the year)					
6.3.5 Welfare schemes for					
Teaching			Medical allowance of Rs. 350/- PM Fix are being paid		
Non teaching					
Students					
<b>6.4 Financial Management and Resource Mobilization</b>					
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/ Grants received in Rs.		
No		-Nil-		
6.4.2 Total corpus fund generated				
<b>6.5 Internal Quality Assurance System</b>				
6.5.1 Whether Academic and Administrative Audit (AAA) has been done?				
Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	
Academic	Yes	NBA	Yes	
Administrative	Yes	NBA	Yes	
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)				
<b>6.5.5</b>				
a. Submission of Data for AISHE portal : (Yes ✓ /No)				
b. Participation in NIRF : (Yes ✓/No)				
c. ISO Certification : (Yes /No ✓)				
d. NBA or any other quality audit : (Yes✓ /No)				
6.5.6 Number of Quality Initiatives undertaken during the year				
Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from-----to-----)	Number of participants
1.	IQAC cell meeting	02.03.2019	12 noon to 2 PM	16



<b>CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES</b>						
<b>7.1 – Institutional Values and Social Responsibilities</b>						
7.1.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)						
Title of the programme		Period (from-to)		Participants		
				Female	Male	
NIL						
7.1.2 Environmental Consciousness and Sustainability /Alternate Energy initiatives such as: Percentage of power requirement of the College 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. Organised one day Seminar “Green Clean & Smart Campus”, 13th April 2019						
7.1.3 Differently abled (Divyangjan) friendliness						
Items Facilities			Yes/No		No. of Beneficiaries	
Physical facilities						
Provision for lift			No			
Ramp / Rails			Partial			
Braille Software / facilities			No			
Rest Rooms			Yes			
Scribes for examination			No			
Special skill development for differently abled students			No			
Any other similar facility			NIL			
7.1.4 Inclusion and Situatedness						
Enlist most important initiatives taken to address locational advantages and disadvantages during the year						
Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
2018-19		2	Nov.2018	NSS camp	Cleanliness and education	02 staff and 40 students
			Oct. 2018	Street play on Voter literacy	How to vote without influence	03 staff and 20 students
7.1.5 Human Values and Professional Ethics						
Code of conduct (handbooks) for various stakeholders						
Title		Date of Publication		Follow up (maximum 100 words each)		
Rules		MP Govt, AICTE and Instt.		AICTE guidelines, MP rule handbook and Institute rules are available with Registrar of the		

		Institute.
7.1.6 Activities conducted for promotion of universal Values and Ethics		
Activity	Duration (from-----to-----)	Number of participants
NIL		
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.		
<b>7.2 Best Practices</b>		
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.		
<b>7.3 Institutional Distinctiveness</b>		
Funds were 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. <a href="http://www.satiengg.in/TEQIP/TEQIP_III.aspx">http://www.satiengg.in/TEQIP/TEQIP_III.aspx</a>		

## **8. Future Plans of action for next academic year (500 words)**

After performing the SWOT analysis, it is observed that following areas requires immediate attention:

1. Training of faculty on outcome based education.
2. Training of supporting staff in office management.
3. Increase in revenue generation by enhancing student enrolment and tapping other sources for financial assistance to augment the financial crunch due to decrease in financial assistance from the state Government.
4. Lack of research projects.

To meet out above requirements it is planned to address these issues through TEQIP –III scheme.

The faculty members will be asked to get well acquainted with the outcome based education as this will improve the quality of education being imparted to the students and will enhance the overall

ranking of the Institute. This will also help in acquiring the NBA accreditation and also fulfil the shortcoming pointed by the NAAC team. Few in-house workshop will also be conducted to training faculty in OBE mode of education. Similarly training programs for supporting staff in office management and computer skills will be conducted to increase their overall efficiency and making e-governance friendly institute.

Few of undergraduate and postgraduate programs are constantly reporting a decline in the student enrolment. Due to lack of financial support from state Government, there is a financial crunch in the Institute. It is planned to carry out analysis and apply for closure of loss making programs and these will be augment by the new programs with higher chance of getting student enrolment. Research in the Institute is a matter of concern with quite a les number of sponsored projects. This has been pointed by various visiting teams viz. NBA, NAAC, UGC, etc. from time to time. With funding from TEQIP and new talented faculty form TEQIP it is planned to establish few centres of excellence where cutting edge research will be carried out in frontline areas of science and technology. For students it is planned to conduct special drive by hiring external agency / experts to improve their communication, reasoning and presentation skills. Providing internship for students will be a challenging task owing to very few industries in vicinity but efforts will be made to improve upon this aspect also.

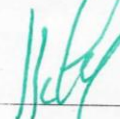
It is heartening that the Institute is entering in its platinum jubilee year and it is planned to celebrate Platinum Jubilee Year of Institute by organizing various activities round the year to show case the accomplishments.

Name J. Parashar



Signature of the Coordinator, IQAC

Name Dr. J. S. Chouhan



Signature of the Chairperson, IQAC