

The Annual Quality Assurance Report (AQAR) of the IQAC

of

SVERI's COLLEGE OF ENGINEERING

Submitted to



NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

Submitted By

SVERI's | **College of
Engineering**

Gopalpur – Ranjani Road, Gopalpur, Pandharpur, Dist: Solapur, Pin:

413304, Maharashtra, India

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NAAC Track ID: MHC0GN21965

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ABBREVIATIONS

ABET	Accreditation Board for Engineering and Technology
ACES	Association of Computer Engineering Students
ACM	Association for Computing Machinery
AICTE	All India Council for Technical Education
AIEEE	All India Engineering Entrance Examination
AMC	Academic Monitoring Committee
AMS	Academic Monitoring System
AMMI	Association of Management of MBA/MMS Institutes
ARAI	Automotive Research Association of India
ARC	Application-Form Receipt Center
ASHRAE	American Society of Heating, Refrigerating and Air-Conditioning Engineers
ASME	American Society of Mechanical Engineers
ATMA	AIMS Test for Management Admissions
BCUD	Board of College and University Development
BETA	Bench of Electronics & Telecommunication Association
BOS	Board of Studies
CAD	Computer Aided Design
CAP	Centralized Admission Process
CBCS	Choice Based Credit System
CCC	Campus Coordination Committee
CDC	Campus Development Committee
CEO	College Examination Officer
CET	Common Entrance Test
CII	Confederation of Indian Industries
CMAT	Common Management Admission Test
CO	Course Outcomes
COE	Centre of Excellence
CRD	Corporate Relations Division
CSI	Computer Society of India
DICCI	Dalit Indian Chamber of Commerce and Industry
DTE	Directorate of Technical Education
E&TC	Electronics & Tele-Communication Engineering
EBC	Economically Backward Class
ECA	Extra Curricular Activity
EDC	Entrepreneurship Development Cell
EESA	Electrical Engineering Students Association
FDP	Faculty Development Programme
GATE	Graduate Aptitude Test in Engineering
GOI	Government of India
GMAT	Graduate Management Admission Test
GRE	Graduate Record Examination
HOD	Head of Department
HPC	High Performance Computing
HRD	Human Resource Development

IAENG	International Association of Engineers
ICT	Information and Communication Technology
IGBC	Indian Green Building Council
IGCC	Indo-German Chamber of Commerce
IE(I)	Institution of Engineers (India)
IELTS	International English Language Testing System
IES	Indian Engineering Services
IETE	Institution of Electronics and Telecommunication Engineers
III	Industry Institute Interaction
IIM	Indian Institute of Management
IIT	Indian Institute of Technology
IQAC	Internal Quality Assurance Cell
ISACA	Information Systems Audit and Control Association
ISHRAE	Indian Society of Heating, Refrigerating and Air-Conditioning Engineers
ISTE	Indian Society for Technical Education
IT	Information Technology
ISBN	International Standard Book Number
ITSA	Information Technology Students Association
JEE	Joint Entrance Examination
LMC	Local Management Committee
MAT	Management Aptitude Test
MCCIA	Maharashtra Chamber of Commerce, Industries and Agriculture
MEDA	Maharashtra Energy Development Agency
MESA	Mechanical Engineering Students Association
MHCET	Maharashtra Common Entrance Test
MIS	Management Information System
MoU	Memorandum of Understanding
MSRTC	Maharashtra State Road Transport Corporation
NAAC	National Assessment and Accreditation Council
NBA	National Board of Accreditation
NCC	National Cadet Corps
NDL	National Digital Library
NFR	No Fee Reimbursement
NGO	Non-Governmental Organization
NPTEL	National Programme on Technology Enhanced Learning
NSS	National Service Scheme
OER	Open Educational Resources
OMS	Other than Maharashtra State
OPAC	Online Public Access Catalog
PMC	Pune Municipal Corporation
PO	Programme Outcomes
PSO	Programme Specific Outcomes
PTM	Parent Teacher Meeting
PUC	Pollution Under Control
QCFI	Quality Circle Forum of India
R&D	Research and Development
RNM	Review in Next Meeting
SAE	Society of Automotive Engineers
SBC	Special Backward Class
SC/ST	Scheduled Caste/ Scheduled Tribe
SU	Solapur University
STR	Student Teacher Ratio

STTP	Short Term Training Program
SWOC	Strength, Weaknesses, Opportunities and Challenges
TFWS	Tuition Fee Waiver Scheme
TG	Teacher Guardian
TOFEL	Test of English as a Foreign Language
UGC	University Grant Commission

**The Annual Quality Assurance Report (AQAR) of the IQAC
2017-2018**

PART - A

1. Details of the Institution

1.1 Name of the Institution

SVERI's College of Engineering, Pandharpur

1.2 Address Line 1

P.B. No.54, Gopalpur-Ranjani Road,

Address Line 2

Gopalpur

City/Town

Pandharpur, Dist-Solapur.

State

Maharashtra

Pin Code

413304

Institution e-mail address

coe@sveri.ac.in

Contact Nos.

9545193434

Name of the Head of the Institution:

Prof. Dr. Babruvahan Pandurang Ronge

Tel. No. with STD Code:

02186216063

Mobile:

09545193434

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID (For ex. MHCOGN 18879)

1.4 NAAC Executive Committee No. & Date:
(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

1.5 Website address:

Web-link of the AQAR:

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	2.75	2015	15/11/2015 To 14/11/2020
2	2 nd Cycle	NOT APPLICABLE			
3	3 rd Cycle				
4	4 th Cycle				

1.7 Date of Establishment of IQAC : DD/MM/YYYY

1.8 AQAR for the year (for example 2010-11)

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

- i. AQAR 2015-16 submitted to NAAC on **02/02/2017**
- ii. AQAR 2016-17 submitted to NAAC on **27/03/2018**
- iii. AQAR 2017 – 18 submitted to NAAC on **20/12/2018**
- iv. AQAR _____ (DD/MM/YYYY)

1.10 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.12 Name of the Affiliating University (for the Colleges)

Solapur University, Solapur

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University	<input type="text" value="No"/>		
University with Potential for Excellence	<input type="text" value="No"/>	UGC-CPE	<input type="text" value="No"/>
DST Star Scheme	<input type="text" value="No"/>	UGC-CE	<input type="text" value="No"/>
UGC-Special Assistance Programme	<input type="text" value="No"/>	DST-FIST	<input type="text" value="No"/>
UGC-Innovative PG programmes	<input type="text" value="No"/>	Any other (<i>Specify</i>)	<input type="text" value="No"/>
UGC-COP Programmes	<input type="text" value="No"/>		

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="07"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="14"/>
2.3 No. of students	<input type="text" value="01"/>
2.4 No. of Management representatives	<input type="text" value="01"/>
2.5 No. of Alumni	<input type="text" value="01"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="01"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="01"/>
2.8 No. of other External Experts	<input type="text" value="01"/>
2.9 Total No. of members	<input type="text" value="28"/>

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders:

	No.	Faculty	<input type="text" value="06"/>
Non-Teaching Staff	<input type="text" value="06"/>	Students	<input type="text" value="04"/>
		Alumni	<input type="text" value="04"/>
		Others	<input type="text" value="07"/>

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

Techno-Societal 2018

2.14 Significant Activities and contributions made by IQAC

1. Motivated faculty to submit research projects to various funding agencies
2. Motivated faculty to publish the articles in international Journals and Impact factor Journals
3. Motivated faculty to submit proposal to organize conference, seminar and workshop in Institution.
4. Arranged various programs under Entrepreneur Development for students
5. MOUs with various Institutions
6. Arranged Faculty Development Programs
7. Formulated New Policy Document for ICA
8. Motivated faculty to start and initiate industrial consultancy for live projects.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
Please Refer Annexure - 1	

* Attach the Academic Calendar of the year as Annexure. - **Please Refer Annexure - 2**

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

AQAR was placed before the meeting of **Academic Advisory Committee Meeting dated on 7/12/2018**. These bodies have approved the AQAR 2017-18 of the Institute to be submitted to the NAAC.

PART - B

CRITERION - I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	03	0	03	0
PG	05	0	05	0
UG	04	0	04	0
PG Diploma	0	0	0	0
Advanced Diploma	0	0	0	0
Diploma	0	0	0	0
Certificate	0	0	0	0
Others	0	0	0	0
Total	12	0	12	0
Interdisciplinary	0	0	0	0
Innovative	0	0	0	0

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	09
Trimester	0
Annual	0

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online Manual Co-operating schools (for PEI)

**Please provide an analysis of the feedback in the Annexure*

Please Refer Annexure – 3

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

University undertakes such revision/update of syllabi time to time. CBCS patterns are being implemented.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

No

CRITERION - II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
41	23	06	02	10

2.2 No. of permanent faculty with Ph.D.

08

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
35	39	00	00	02	00	00	00	37	39

2.4 No. of Guest and Visiting faculty and Temporary faculty

153

06

0

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	48	24	56
Presented papers	25	01	04
Resource Persons	01	0	02

2.6 Innovative processes adopted by the institution in Teaching and Learning:

1. Pandharpur Pattern in Professional Education (PPPE).
2. Communication Improvement Program (CIP).
3. GATE Training.
4. Library Session.
5. GD/MOODLE Session.
6. Proctor Session.
7. Internet Browsing Session (IBS).
8. Night Study Session.
9. Practice Session.

10. Backlog Session
11. Golden subject Session.
12. NPTEL Lectures
13. Industrial visits.
14. Guest lectures.
15. Seminars.
16. Workshops.
17. Exposure about research papers related to syllabus of course has been done as content beyond syllabus for every students.

2.7 Total No. of actual teaching days during this academic year

194

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

We are affiliated to Solapur University, Solapur. University implements Bar Coding, Double Evaluation as per requirement, and Photocopy. In addition to this, institute conducts chapter tests, laboratory tests, online multiple choice question tests, test in moodle.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

05

21

23

2.10 Average percentage of attendance of students

90.95 %

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
MBA	41	12.2	48.8	39	0	82.92
B.E. Mech. Engg.	164	77.44	17.07	0.61	0	95.12
M.E. Mech (Design Engg.)	07	14.28	0	0	0	14.28
B.E. E &TC.	96	64.85	29.16	6.25	0	100
M.E. E &TC.	08	37.50	0	0	0	37.50
B.E. CSE	149	81.20	16.10	0	0	97.32
M.E. CSE	08	62.5	0	0	0	62.5
B.E. Civil	76	65.78	17.10	10.52	0	93.42
M.E. Civil (Structure)	06	50	0	0	0	50

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

Internal quality audits are conducted every six months in the following aspects:

1. Teaching plans are compulsory. Every faculty member submits Teaching Plan of his/her subject every semester and it is being monitored by HOD every week in the departmental meeting. Principal takes review of the teaching plan in the HODs meeting.
2. Feedback about teaching learning process is taken from the students.
3. Evaluation of faculty has been done by students.
4. Performance Appraisal of faculty is done every year.
5. Recommendations for improvement and resources and infrastructure requirement and any other point related quality and reviewed during the management review meeting.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	24
UGC – Faculty Improvement Programme	Nil
HRD programmes	24 (FDP of IIT Bombay)
Orientation programmes	54
Faculty exchange programme	34
Staff training conducted by the university	34
Staff training conducted by other institutions	133
Summer / Winter schools, Workshops, etc.	59
Others	13

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	56	Nil	Nil	Nil
Technical Staff	26	Nil	Nil	Nil

CRITERION - III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

1. Institute is organizing STTPs and National Conferences. IQAC suggested to organize International Conference.
2. IQAC suggested to improve R&D funding especially towards Seed Money programs.
3. IQAC suggested to form IPR policy and separate cell.
4. IQAC suggested to prepare a systematic plan about R&D related programs and planning.
5. IQAC suggested planning and review of procedure for R&D outcomes.
6. IQAC suggested improvement in Faculty Appraisal policy to accommodate R&D contributions.

3.2 Details regarding major projects

Number	Completed	Ongoing	Sanctioned	Submitted
	Nil	Nil	02	02
Outlay in Rs. Lakhs	Nil	Nil	34,64,650/-	50 Lakhs

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	03	05	Nil	Nil
Outlay in Rs. Lakhs	4.05 Lakhs	3.85 Lakhs	Nil	Nil

3.4 Details on research publications

	International	National	Others
Peer Review Journals	10	0	0
Non-Peer Review Journals	20	02	0
e-Journals	0	0	0
Conference proceedings	12	0	0

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	3 years	BRNS, Department of Bio-Technology	34.64/- Lakhs	19.59 Lakhs
Minor Projects	1 to 2 years	SUS,UGC - DAE, Solapur University and Alumni Association	3.85 Lakhs	3.85 Lakhs
Interdisciplinary Projects	Nil	Nil	Nil	Nil
Industry sponsored	Nil	Nil	Nil	Nil
Projects sponsored by the University/ College	2 years	Solapur University	2 Lakhs	2 Lakhs
Students research projects <i>(other than compulsory by the University)</i>	01	Aedifico Pvt. Ltd.	20,000	20,000
Any other(Specify)	Nil	Nil	Nil	Nil
Total			40.69 Lakhs	25.64 Lakhs

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
DPE DBT Scheme/funds

3.9 For colleges Autonomy CPE DBT Star Scheme
INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number	Nil	03	Nil	Nil	Nil
Sponsoring agencies		AICTE, ISTE, College			

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency

From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	02
	Granted	Nil
International	Applied	02
	Granted	Nil
Commercialised	Applied	Nil
	Granted	Nil

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
06	0	0	02	04	0	0

3.18 No. of faculty from the Institution who are Ph. D. Guides
and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level
National level International level

3.22 No. of students participated in NCC events:

University level State level
National level International level

3.23 No. of Awards won in NSS:

University level	<input type="text" value="Nil"/>	State level	<input type="text" value="Nil"/>
National level	<input type="text" value="Nil"/>	International level	<input type="text" value="Nil"/>

3.24 No. of Awards won in NCC:

University level	<input type="text" value="Nil"/>	State level	<input type="text" value="Nil"/>
National level	<input type="text" value="Nil"/>	International level	<input type="text" value="Nil"/>

3.25 No. of Extension activities organized

University forum	<input type="text" value="01"/>	College forum	<input type="text" value="16"/>		
NCC	<input type="text" value="Nil"/>	NSS	<input type="text" value="15"/>	Any other	<input type="text" value="Nil"/>

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Rural Human Resource Development Facility- Guidance to farmers
- Career Guidance
- ICT programme for rural schools
- Swachha Bharat Abhiyan in the Gopalpur village
- Cloth donation to Orphanage and farm workers

CRITERION - IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area (Sq.Mtr)	20018	Nil	College Funds	20018
Class rooms (No.)	31	Nil		31
Laboratories (No.)	39	Nil		39
Seminar Halls (No.)	08	Nil		08
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	35	21	Dept. Fund, Consultancy and Research	56
Value of the equipment purchased during the year (Rs. in Lakhs)	311.64	89.31	College Funds	400.95
Others	Nil	Nil		Nil

4.2 Computerization of administration and library

Administration:

Indigenously developed Tutelminds Institute Management System (TIMS) software

Library:

1. Books OPAC (Online Public Access Catalogue)
2. Books circulation for staff and students
3. Books access
4. Bar coding
5. Reports: Books circulation, acquisition, books late dues etc.
6. Tutelminds Institute Management System (TIMS) software
7. Digital Library

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	53984	2,01,49,708	1745	9,25,100	55729	2,10,74,808
Reference Books	2407	34,85,439	4	4,392	2411	34,89,831
e-Books	675	Open access	--	--	675	--
Journals	186	3,48,087	--	--	186	3,48,087
e-Journals	444	12,38,616	--	--	444	12,38,616
Digital Database: DELNET	--	13,570	--	--	--	13,570
CD & Video	CD-3500 DVD-1200	3,64,000	1300 (with book)	--	6000	3,64,000
Others (specify)						
1. Institutional Membership	03	41,950	0	47,440	03	89,390
2. Gate study materials book sets	12	1,48,000	8	1,21,000	20	2,69,000
Digital Library			--	--		
1. UPS	1	75,000			1	5,81,750
2. LED TV	1	50,000			1	
3. Computer	21	4,56,750			21	
Reprography Machines	4	7,24,250	--	--	4	7,24,250
Competitive exam. Study section books	951	2,62,917	38	6,866	989	2,69,783

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	729	19	NKN	All	66	17	646	Nil
Added	20	Nil	MAX Tech	All	Nil	Nil	20	Nil
Total	749	19	NKN and MAX Tech	All (100 MBPS)	66	17	666	Nil

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

- Internet Access: Free internet access is provided for students at computer centre on all week days.
- Training to students for technology up-gradation is provided through add on modules.
- Use of Indigenously developed Tutelminds Institute Management System (TIMS) software.

4.6 Amount spent on maintenance in lakhs :

i) ICT	22.81
ii) Campus Infrastructure and facilities	4.38
iii) Equipments	26.17
iv) Others	7.11
Total :	60.47

CRITERION - V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

IQAC acts as the better medium of internal communication between student and their department and helps to ensure quality of teaching and learning.

The student support services are primarily looked after by the Dean students. Introduction of student centric welfare schemes, and providing necessary support system for student related issues are managed by the Dean Students in consultation with Principal, other Deans, Head of the Departments, Hostel Rector, Co-ordinators of NSS, Sports and Cultural Cell of College and student representatives of these cells. Students are provided with support service in seeking job opportunities not only locally but also globally. Grievance Redressal Cell has been working for students support.

The Principal, Dean, HODs engage with students from time to time to make them aware of student support facilities such as Book Bank, Mentor, Training and Placement, Medical-Aid, Financial assistance provided to various activities, etc.

Ten days induction/orientation programme is also conducted by Hon. Principal for the first year students and direct second year admitted students as welcome function and all student support services are explained in detail.

To make aware about Anti-ragging Act, a session is conducted by Dean Student at the beginning of the academic year for all the students. Also constituted Anti-ragging committee to prohibit, prevent and eliminate the scourge of ragging in the campus of College of Engineering, Pandharpur

Earn and Learn Scheme, Skill Development Program, Entrepreneur Development Programs and Remedial Classes are also conducted with full enthusiasm. Monitoring of the working of the institute is done through meetings of the IQAC and accordingly future course of action in some of the following activities are taken.

- Organising and conduction of National Level Technical events such as Olympus
- Forming Students' chapters such as ISTE, IEI, and SAE etc.
- Displaying the List of companies visited for placement drive and name of the Students placed at the entry College Campus.
- Arranging interactions of Placed and Entrance Exam qualified students with other students.
- The students are encouraged to participate in national and international seminars and present their research papers.
- Extra guidance provided by interacting with the expertise guest faculty from reputed academicians & Industry experts to make the students aware of the changing global scenario.

- Student projects are strongly encouraged and support is given.
- Faculty members are constantly motivated to acquire higher qualifications with full support by providing necessary study leave.
- Financial assistance is provided to the students for attending project and paper presentation competitions.
- The department organizes students visit to industries and R&D organizations.
- Dean Students' and Dean TPII conduct career orientation program for all the second year students.

5.2 Efforts made by the institution for tracking the progression

Students' progress is assessed both academically and in extracurricular activities. Academically, the students are tracked by the Continuous Internal Assessment, Curriculum delivery throughout the semester, assignments, chapter wise tests, in semester examinations, internal reviews for Projects and Seminars etc. Regular meetings of the Principal, Vice-principal, Deans & HoDs are held for tracking the progression. Each semester result analysis is done and reviewed by College Development Committee (CDC) for further appropriate actions. At college level the motivating awards like Best Outgoing Student, Best Research Project at final year etc. are given based on these progress related data. Regular feedback from students is taken by Dean Academics once in a every semester about the academics and General Facilities of the college. The suggestions received during the feedback are immediately implemented through HoDs or appropriate authorities. HoDs are also authorized to take fortnightly feedback of Class Representative & few students from that class about the academics and facilities provided to the students.

In the area of Sports, Intramural games are conducted to select the students for representing the College at University and other higher levels. The college annual cultural fest "BEATS" is conducted with the aim of providing a platform to the students to showcase their innate talents.

After each placement drive individual feedback is taken and key areas of improvement are identified. Effectiveness of presentation skills, communication skills is analyzed during regular presentation like Project exam, industrial training presentation etc.

Efforts made by Institute for tracking progress are summarized below;

- Continuous Monitoring of Academic progress through various internal and University Examinations.
- Monitoring attendance of students.
- Conducting lab tests during the semester.
- By monitoring participation and achievement of students in co-curricular activities.
- By identifying the slow learners and fulfilling their specific needs by conducting Backlog Sessions.
- By arranging departmental Parents Meet, Alumni Meet periodically, to share their suggestions for the further improvement in the system.
- Through ISO 9001 quality management system by checking attendance and academic non conformity.
- Interim reviews for projects and seminars.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1853	157	14	0

(b) No. of students outside the state

08

(c) No. of international students

Nil

Men	No	%	Women	No	%
	1116	55.14		908	44.86

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1042	228	02	737	0	2009	1037	239	02	746	0	2024

Demand ratio 0.86 Dropout % 0.83

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Institute organizes training sessions for competitive exams like GATE and every year around 350 students undergo these trainings. Institute extends financial assistance of Rs.2000/- per student to participate in GATE training. Sufficient books and study material are made available in the Library for GATE and other competitive Examinations. We conduct weekly 'Aptitude Tests' keeping students motivated for competitive examinations. Institute also conducts various skill development programmes for students in order to develop technical competencies, communication skills, etc.

Institute has started the competitive Examination Guidance Cell to create awareness amongst the students about competitive examinations and to motivate the students for same.

In order to fulfill the purpose following activities were conducted by the cell

1. Guidance session of Mr. Yoginath Waghmare was arranged on 25th July 2017, in which he guided the students of SE and TE about Modern Indian History, Education, Sociology, Indian Culture and Political science subject. This program was arranged in collaboration with Vivekanand Kendra, Solapur Branch.
2. The competitive exam book bank facility is available in our college, the demand of recent books for preparation of basics has been reviewed and these books will be made available in our library in coming semester after approval from Hon. Principal.

3. In order to practice the General Knowledge questions, a competition was conducted by Vivekanand Kendra in our college on 20th August 2017, 105 students participated in the competition.
4. Dainik Sanchar, Sangameshwar College, Solapur and SVERI's Competitive exam Guidance cell organized mock UPSC preliminary Exam test for creating awareness amongst the students on 24th September 2017. Total 214 students registered and participated in the same. Mr. Kapil Bhimrao Ronge (FE-A) won the consolation prize from our institution by scoring 68 marks in this exam.
5. A Guidance session was arranged on "How to prepare for UPSC Exams?" by Hon. Mr. Nikhil Pingale (IPS) Asst. Superintendent of Police, Pandharpur on 5th February 2018.
6. A Guidance session on "How to prepare for UPSC Exams?" by Hon. Dr. Rajendra Bharud (IAS), CEO, ZP, Solapur On 8th March 2018.
7. In order to provide the guidance for the foreign studies to students of TE and BE, A Career Guidance session of Hon. Ms. Karuna Bhosale was arranged on 3rd March 2018.
8. Three meetings of the committees were conducted and minutes are recorded.

No. of students beneficiaries

5319

5.5 No. of students qualified in these examinations

NET	Nil	SET/SLET	Nil	GATE	09	CAT	Nil
IAS/IPS etc	Nil	State PSC	Nil	UPSC	Nil	Others	Nil

5.6 Details of student counselling and career guidance

Institute has a proctor system for individual mentoring and overall personality development of the students. Daily one session is allotted for proctor during which each proctor teacher with his/her allotted batch of 20 students participate in various personality building activities. The monitoring system helps to keep a close watch on the students so as to redress their problems. Further, the mechanism is developed to bring the various levels of counselling cases at different hierarchical levels as class coordinators, HODs, Deans and Principal. Apart from this a systematic psychological counselling of all the first year students is being carried to understand any newly admitted sensitive cases through professional counsellor. Services of this counsellor is also utilized for students of higher classes as per the requirement.

Institute has special active cell for training and placement activities, which functions for students' overall grooming, arranging trainings, conducting group discussions, personal interviews and campus placements. Institute has developed language laboratory for improving student's English communication and subsequent preparation for campus drives. Institute also takes special efforts for improvement in English language communication by implementing programs like Communication Improvement Program (CIP) and Soft Skills. Institute brings awareness amongst the students by organizing "Entrepreneurship Awareness" camp in the institute. Institute financial support this activity and every year about 500 students attend this camps.

No. of students benefitted

2000

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
83	390	338	10

5.8 Details of gender sensitization programmes

While moulding the student community to respect women, an attempt is made to foster mutual respect and a healthy environment for peaceful co-existence of both boys and girls.

The Women Grievance Redressal/ Internal Complaints Committee is established to prevent discrimination and sexual harassment against women, by promoting gender harmony amongst students and employees. Students' council exists which develops students' skills of Governance, Leadership and management. In Students' Council two posts are reserved as a Ladies Representatives in which generally one girl from hostel and one from local region are selected to address the issues related with Girls.

The institute has made arrangements to display the Mobile Nos. of Principal, College authorities & Police Inspector of Pandharpur Taluka Police Station at various locations in the Institute. These numbers can be used as helpline number by the women employees and students to lodge their grievances.

Also to motivate girl students Special functions related to women community like "Savitribai Phule Jayanti" & "International Women's Day" are organized every year.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

		Number of students	Amount
Financial support from institution	Earn & Learn Scheme	170	27,08,620
	Merit Scholarship	83	7,91,000
Financial support from government		957	6,50,32,106
Financial support from other sources		16	2,00,000
Number of students who received International/ National recognitions		0	0

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: Nil

CRITERION - VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Our Vision

To be recognized among the best institutes in India for excellence in technical education.

Our Mission

To impart value based technical education by inculcating personal touch and respect in relationship amongst the stakeholders.

6.2 Does the Institution has a management Information System

Yes, the institute is in the progressing stages of developing customised 'Tutelbot Institute Management System (TIMS)' software.

The following activities are being monitored, maintained and reported through the TIMS software:

1. Library- In use
2. Pre admission- In use
3. Academic management- In use
4. Time table management – Under development
5. Admission- In use
6. Leave management – In use
7. HRMS- In use
8. Financial management- In use
9. Hostel management- In use
10. Inventory management- In use
11. Notification management – In use
12. Transport management – In use

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

Although the Institute is affiliated to Solapur University, Solapur and implements the curriculum developed by it, it takes up the following activities for curriculum enhancement:

- Experienced faculty members are appointed in the Board of Studies of the Solapur University, Solapur, from the Institute. They get involved in the process of curriculum development for the enrichment of the curriculum keeping in view the Industry trends.
- Project exhibitions are conducted for the students.
- Soft skills programs are organized for all students.

- Entrepreneurship Development Cell has been formed in the Institute to inculcate entrepreneurial spirit.
- Feedbacks from Alumni, Industry Experts, and Visiting Faculties are taken for their inputs for the development of curriculum.
- Contents beyond syllabus and Experiments beyond syllabus are also conducted.

6.3.2 Teaching and Learning

- Effective teaching methods like, Interactive teaching to create interest in the students, power point presentations, live demos are in place.
- Tutorial classes help students to enhance their knowledge in the subject.
- Remedial classes are offered for slow learners.
- Assignments are given on theory and practical components.
- Mock interviews and group discussion are a part of simulation exercises helping them in placements.
- Mentoring and counseling of slow learners are part of teaching and learning process.
- Unit-wise Question banks and university Old question papers are discussed in the Discussion hours.
- Guest lectures from industry experts, Seminars by students on current trends, Techno-cultural fest help the students to enhance their knowledge.
- In order to help the students, hands-on exposure, Industrial visits, field visits, site visits are regularly organized.
- Students are motivated by Faculty continuously to present and publish papers at national and international conferences and symposiums.
- Student chapters help the students to gain knowledge and information in the subject as well as to get industry exposure.
- Language lab for communication improvement.
- Special labs have been developed to expand the horizons of the students apart from curriculum.
- Faculties are encouraged to regularly attend FDP's and Workshops to update their knowledge from time to time which helps in teaching learning process.
- Orientation program is conducted in MBA focusing on preparing students for the course and orienting them towards their career building.
- Every Sunday subject experts and teachers from outside the Institute are invited to each class and department to conduct sessions for the students.
- Students are motivated to participate in variety of inter collegiate, inter university competitions.
- All the students are given internet facility and access for online journals.
- Digital library section at the central library with internet access facility to access to DELNET, NPTEL and IEEE ASPP online-source.
- Technical symposium Organizing annual events like Olympus, a national technical symposium.
- Extra laboratory and library hours - In order to satisfy the knowledge quest of students the institute has extended working hours for library and laboratories. The library functions up to 7.00pm and the laboratories work up to 6.00pm.

6.3.3 Examination and Evaluation

- Examinations are conducted and evaluated as per the norms of Solapur University, Solapur.
- Three internal assessment tests known as in-semester examinations (ISE) along with one open book test and one take home test in each semester are in place to evaluate the students' performance.
- In addition to theory, practical exams are also conducted in ISE.
- Class tests are also conducted on every two chapters specified in the syllabus.

6.3.4 Research and Development

- A separate Research and Development cell functions with a Dean R & D appointed to develop the research culture in the Institute.
- Funded projects are undertaken by the Institute which benefits the faculty and students to strengthen their research skills.
- Faculty are constantly encouraged to present research Papers in International and National Journals / Conferences.
- Monetary incentives and awards are instituted for faculty and staff for presenting papers in journals and presenting papers at various national and international conferences.
- Faculty registered for Ph.D. in the academic year 2017-18.
- Faculty and students publish research papers in peer reviewed National and International Journals
- New laboratories have been developed on research work of faculty members, which are available for students and staff for their research work.
- Seed money is given to faculty members for undertaking research activities.
- Sharing of 50% of the consulting revenue to the consultancy team.
- The Institute sponsors candidates pursuing higher education and grants study leave, duty leave wherever applicable.
- The Institute provides financial assistance for attending seminars conferences, workshops in India and abroad.
- The institute gives away monetary awards to faculty publishing research articles in journal of repute.
- The Institute provides a platform for faculty to take up research endeavors through its MOUs with prominent research organizations like BARC (Bhabha atomic Research Centre), RRCAT, Ramkrishna IT systems, REANU Microelectronics Pvt. Ltd., Top Gear Transmissions, Laxmi oil pumps and systems, Kannad services and training, Sangli, Eduvance the educational arm of Vanmant technologists Pvt. Ltd, Mumbai and many more.
- Regular training programs are conducted for the staff for knowledge up gradation and skill development.
- Effective performance appraisal system for assessing their performance for future career growth.

Library

- Every year new books and journals are added in the Central library as per the recommendations of faculty, students and norms.
- OPAC Software is provided for personal assistance to each and every user while accessing the library books.
- DELNET, NPTEL softwares are also present in the library.
- Digital library has also been set up for the convenience of the students and staff to enable them to refer to e-journals.
- Every department has individual white board, LCD projector in every class room, system with internet connection

Added features:

- Fully computerized bar-coded circulation services
- On-site use to Textbooks, Reference books Back volumes and Print/Online journals inside the library
- Reference Services (Encyclopedia, Dictionary, Year-books, Handbooks and Previous year question papers)
- On-line full text access to international journals
- DELNET(Developing Library Network) Service
- Reprography(Xerox, Scanning, Print-out)
- Open Access System
- CCTV surveillance system
- Display of information regarding new arrivals
- Current Awareness Service

Physical Infrastructure

The institute has adequate infrastructures which includes, seminar Halls equipped with projector with seating capacity of 200-400 members, Faculty rooms, Meeting rooms, Office , Class rooms ,Tutorial rooms, Boys common rooms, Girls common rooms, Laboratories equipped with necessary hardware and software, communication Laboratory, Research Laboratory , Library, Internet and wi-fi facility in the entire building.

Internet facilities

The Institute has a dedicated Internet Leased line of 1024 Mbps for Students and Staff available 24 hour free to access.

It also hosts an ftp server on which various information, subject related study material, department level activities information is readily available.

Wi-Fi facilities

The Institute is also covered with a 24 hour Wi-Fi network which is available for access throughout the campus including the hostels.

ICT Infrastructure

LCD projectors, Desktops, printers, Internet switches, UPS, application software and systems software's in adequate numbers as per and above norms are available throughout the Institute. Each HOD is provided with laptop.

Features of IT infrastructure

- 10 Gbps ring topology campus OFC network providing 1 Gbps to every lab through OFC.
- Completely Wi-Fi in campus with Wireless Access points.
- 1024 Mbps Bandwidth for internet with dedicated leased line.
- 600+ systems supported by Servers.

Sports

The institute has several sports facilities like Gym., Play grounds for the games like Football, Basket Ball, Shuttle are separately available.

6.3.6 Human Resource Management

Institute has adopted Dean System to look after various domains. There are Six Deans namely Dean Administration, Dean Academics, Dean Students, Dean Training, Placement and Industry Interaction, Dean Research & Development, and Dean Admissions, Publicity and Protocol. There are Heads of Departments (HODs) to look after the Department and faculty and non teaching staff comes under HOD. Classes are managed by the teachers appointed as Class Co-ordinator. Registrar is head of the office staff. Librarian is head of the library staff.

6.3.7 Faculty and Staff Recruitment

- The advertisement for the staff recruitment is released in the leading newspapers.
- The received applications are scrutinized as per the University norms.
- Interview of the eligible candidates are conducted in the presence of External Experts and University Nominees.
- Candidates are selected as per the norms of University selection committee.
- Occasionally walk-in interviews are also conducted as per the need.

6.3.8 Industry Interaction / Collaboration

Efforts by Training and Placement office

- The Institute has linkages with various top Industry recruiters like TCS.
- The Dean Training, Placement and Industry Interaction visits various companies for interaction and extending invitation for campus visits.
- Top executives and entrepreneurs are invited for interactions with students and faculty.
- Feedbacks from employers and companies visiting for campus recruitment is solicited for inputs on efforts to be undertaken for improving employability of the students.

Efforts by Industry Institute partnership cell

- The Institute has formed an Industry Institute Partnership Cell (IIPC) with the aim of fostering better industry institute interactions. The Industry Institute Partnership Cell (IIPC) strives to enhance industry interaction with students and bridge the gap between academic and corporate world.
- The following activities are regularly followed to enhance IIPC activities
 - It is mandatory for two faculty members from each department to undergo one month in-plant training every semester.
 - Final year students are encouraged to do Industry oriented projects.

6.3.9 Admission of Students

- Admission process is conducted by Competent Authority appointed by State Government through CAP (Centralised Admission Process).
- The Institute invites schools to come and visit the Institute and its research laboratories to create awareness about technology and engineering education.
- The eminent faculty from institute visit various Junior colleges for career guidance sessions to empower students to make informed decisions about their future education and career.
- Academic reforms to address needs of Industry, Academia and Society at large vide add on modules.
- Organizing technical engineering events at National and International level.

6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none">• 3 months Maternity leave for female faculty members.• 10 days medical leave• 08 days casual leave.• Duty leaves for attending conferences / seminars / research activities and examination purpose and industrial training.• 40/30 days vacation leave• Recommendation for getting personal loan from the bank at lowest interest rates.• Staff quarters at nominal rents for staff residing at campus.• Provision of EPF facility for the faculty members
----------	---

	<ul style="list-style-type: none"> • Health Care Insurance is provided for the faculty members and their family.
Non teaching	<ul style="list-style-type: none"> • 3 months Maternity leave for female faculty members. • 10 days medical leave • 08 days casual leave. • Duty leaves • Staff quarters at nominal rents for staff residing at campus. • Provision of EPF facility for the staff members • Health Care Insurance is provided for the staff members and their family.
Students	<ul style="list-style-type: none"> • Government scholarships • Financial awards for meritorious student. • Learn and earn scheme for economically weaker students. • Transport facility to the college campus • Book Bank scheme at nominal charge. • Cash award for semester toppers • Best outgoing student award • Placement assistance for existing and passed out students • Counselling services for physical, mental, emotional wellbeing. • Group insurance

6.5 Total corpus fund generated

0

6.6 Whether annual financial audit has been done

Yes

No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	NAAC, ISO	Yes	MR
Administrative	Yes	NAAC, ISO	Yes	MR

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes

Yes

No

For PG Programmes

Yes

No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

Curriculum and examination pattern are revised periodically. Online system and in semester examinations have been introduced by affiliating university.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

We are planning for academic autonomy and for the same the application is processed and requested to the affiliating university and other statutory/constituent bodies for consideration.

6.11 Activities and support from the Alumni Association

- Alumni association has been formed in the Institute through which Alumni meets are organized every year.
- Alumni visit the institute for interactions with the students to make them aware with the expectations and realities of the Industrial field and lacunas to be improved upon.
- They provide references for placements of the students in various organizations they are associated with.
- Alumni share their ideas for projects for the final year students based on their views of the current technological environment.
- Seed money worth Rs.1,00,000/- has been provided to two faculty members for research purpose under Alumni Seed Money Scheme.
- Alumni Association motivates the students by giving Gold Medal to the topper students.

6.12 Activities and support from the Parent – Teacher Association

- There is well functioning Parent- Teacher Association. It meets at least once in every semester.
- Regular parents meetings are conducted by every department.
- Parents provide valuable inputs for the efforts taken by the Institute for the overall development of the students.
- Parents provide feedback about the activities carried out in the Institute. The feedback acts as a precursor for renewed efforts being taken up for student development.

6.13 Development programmes for support staff

Sr. No	DATE	TOPIC	TRAINER
1.	15/06/18 to 15/07/18	Communication Improvement Program	Mr. S. S. Dete

6.14 Initiatives taken by the institution to make the campus eco-friendly

1. Institute has established a Green Team and it is active since June 2012. Under this, students from various departments use to participate for tree plantation and it's conservation. Every year team plants around 500 to 1000 trees in and around the campus.
2. Paperless campus: For environmental awareness / protection the communication of the campus has been made through email and other ICT modalities.
3. Solar energy: The institute has installed 250KW rooftop Solar energy generation plant.
4. Rain water harvesting has been taken up in the institute in order to improve the ground water levels.
5. Energy efficient LED bulbs are being used throughout the campus.
6. Buildings are designed in such a way to be effective in utilization of natural light and ventilation.
7. Sewage Water Treatment plant has been installed and is functioning in the campus.
8. Printouts and photocopies are taken on both sides of the paper.
9. Wasted papers / NEWS papers etc. are forwarded for recycling purpose
10. Toner cartridges are recycled.
11. Biometric attendance is used for all employees.

CRITERION - VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

The institution has always believed in Innovation and Experimentation. During academic year 2016-17, the institution continued to put ICT content which includes PPTs, scan copies of notes, links to the virtual labs, subject related videos on the Institute ftp server. This subject related study material is linked to the syllabus points. Institute is member of Virtual Laboratory facility of Govt. COE, Pune. The following practices are used in institute in the benefit of the students as well as faculty.

1. Use of NPTEL Lectures.
2. Use of Virtual Labs.
3. Webinars.
4. Industrial visits.
5. Online evaluation system for student performance.
6. Relevant research papers are used to teach beyond syllabus, also the same papers are provided to students for reference and study.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year is provided in the Annexure-1.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

1. Earn and Learn Scheme: Economically weaker students staying in hostel are selected under this scheme by inviting applications. Institute pays their Hostel Fees and Mess Bill for One academic Year. These Students help for minor department work after college hours. Around 250 students take benefit of this scheme and the Institute budget is about 35 Lacs per year. Probably ours is the only Technical Institute implementing this scheme on large scale basis.

2. R&D visits of students: Institute has completed and /or is presently executing R&D projects up to a tune of Rs. 6 Crore. Many research facilities including societal research have been established in the Institute. To inculcate research temper in the students, R&D tour of the students is arranged to all these facilities. Thereby, students get motivated to perform research and also to find solutions to existing societal problems.

**Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

7.4 Contribution to environmental awareness / protection

1. Institute has established a Green Team and it is active since June 2012. Under this students from various departments use to participate for tree plantation and it's conservation. Every year team plants around 500 to 1000 trees in and around the campus.
2. Paperless campus: For environmental awareness / protection the communication of the campus has been made through email and other ICT modalities.
3. Solar energy: The institute has installed 250KW rooftop Solar energy generation plant.
4. Rain water harvesting has been taken up in the institute in order to improve the ground water levels.
5. Energy efficient LED bulbs are being used throughout the campus.
6. Buildings are designed in such a way to be effective in utilization of natural light and ventilation.
7. Sewage Water Treatment plant has been installed and is functioning in the campus.
8. Printouts and photocopies are taken on both sides of the paper.
9. Wasted papers / NEWS papers etc. are forwarded for recycling purpose
10. Toner cartridges are recycled.
11. Biometric attendance is used for all employees.

7.5 Whether environmental audit was conducted?

Yes

No

7.6 Any other relevant information the institution wishes to add. (For example SWOT Analysis)

Strengths

- Our final year results have been consistently good for all the academic disciplines.
- Best teaching and learning practices
- Funded research projects from the apex funding agencies like UGC, AICTE, DAE, RGSTC, DST, RPS, BRNS, Solapur University etc.
- The institute conducts significant academic events for the development of faculty and students.
- Additional skill areas like soft skills and add-on technical skills are covered for student development
- A well implemented student counseling scheme
- A state-of-the-art Central Library
- All undergraduate engineering departments are accredited

Weaknesses

- Need to strengthen the Industry Institute Interaction activities
- Focus more on entrepreneurship development
- Lack of patents and quality publications in indexed journals
- Inadequate number of faculty with vast industrial experience
- Consultancy activities to be enhanced in all the departments
- Located in rural area

Opportunities

- Scope for research in robotics, machine learning, Internet of Things and other upcoming areas in engineering.
- Honing the skills and abilities of the students for their self-development and thereby the development of the institute.
- Scope for Inter-disciplinary research
- International relations (joint research and PhD programmes) will give international exposure to the students and faculty members.
- Higher Education
- Collaborative research along with students

Threats

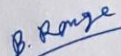
- Changing socio-economic scenario leading to unpredictable future.
- Rapidly changing technology and the industrial requirements ask for enhancing the employability of students for which extra measures need to be taken.
- Increasing the number of international tie-ups.
- Fill up the gap between ensuing and advanced knowledge

8. Plans of institution for next year

1. Successful implementation of Institute Academic Policy.
2. Improving placements of students.
3. Improving quality of admitting students, through various counseling and career guidance sessions.
4. Supporting students in career services: this include both student development and higher education assistance to students.
5. Implementing value added courses in every department per semester.
6. Using the language department effectively with major focus on English and business communication.
7. Participating in some National / International well known students Technical events.
8. Organizing STTP/Workshops/FDP/ Seminars/ for faculties and Student Development programs.
9. Improvement in SE/TE/BE results compared to last year
10. Publishing research papers with more emphasis on quality papers in indexed journals.
11. Submitting research proposals to various funding agencies

Name: **Dr. R. R. Gidde**

Name: **Dr. B. P. Ronge**






Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

Annexure 1

Office order of formation of IQAC

(1/2)

 SVERI Engineering for Excellence	SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S COLLEGE OF ENGINEERING, PANDHARPUR P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304, Dist.- Solapur (Maharashtra) Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in , Website: www.sveri.ac.in (Approved by A.I.C.T.E., New Delhi and affiliated to Solapur University, Solapur) NBA Accredited all Eligible UG Programmes and , NAAC, Accredited Institute, Accredited by the Institute of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute	 ISO 9001:2015 

Ref No: COEPR/2018-19/ 54.

Date: 22/09/2018.

Office Order

The following committee has been reconstituted for accreditation of Institute by National Assessment and Accreditation Council (NAAC). The committee will be responsible for all matters pertaining to reaccreditation. The details of committee members & criteria as follows:

Sr.no	Name of the Person(s)	Department	Name & No. of Criterion	Sign.
1	Mrs. R. N. Misal	MBA	Co-Coordinator	
	Mr.K.V.Chandan	Mech	Overall Assistance to Coordinator	
2	Mr. A. A. Mote (Criteria Co-ordinator)	Mech	Criterion – I Curricular Aspects	
	Mr.D.A.Kumbhar	ENTC		
	Ms. S. S. Kadam	CSE		
	Mr.O.R.Sawant	Civil		
	Ms.S.D.Mali	FE		
3	Mr.S.Y. Salunkhe (Criteria Co-ordinator)	Mech	Criterion – II Teaching – Learning And Evaluation	
	Ms.Ankita Singh	ENTC		
	Mr. G. R. Shaikh	CSE		
	Mr. S.A. Gosavi	Civil		
	Mr.V.D.Ghadage	FE		
4	Mr. P. G. Gaikwad (Criteria Co-ordinator)	CSE	Criterion – III Research, Innovations And Extension	
	Mr.S.S.Kakade	Mech		
	Dr.N.B.Bahadure	ENTC		
	Mr.S.M.Mali	Civil		
5	Mr.S.A.Inamdar (Criteria Co-ordinator)	EXTC	Criterion – IV Infrastructure and Learning Resources	
	Mr.M.M.Pawar	Civil		
	Dr. N.V. Khadake	Civil		
	Mr.A.K.Parkhe	Mech		
6	Mr.M.S.Mathpati (Criteria Co-ordinator)	ENTC	Criterion – V Student Support And Progression	
	Mr.K.S.Pukale	Mech		
	Ms. M. P. Pawar	CSE		
	Ms.P.D.Taralgatti	Civil		
	Ms.S.D.Mali	FE		

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B. B. B.



2/2

Sr.no	Name of the Person(s)	Department	Name & No. of Criterion	Sign.
7	Ms. M. M. Bhore (Criteria Co-ordinator)	MBA	Criterion -VI Governance, Leadership And Management	
	Mr.S.M.Khomane	Mech		
	Ms.M.J.Goski	EXTC		
	Mr.R.B. Kagade	CSE		
	Ms.N.A.Kharade	FE		
8	Mr. S.M. Mali (Criteria Co-ordinator)	Civil	Criterion -VII Institutional Values And Best Practices	
	Ms. P.K.Bhuse	Mech		
	Mr.H.K.Bhaldar	ENTC		
	Mr. G. V. Kakade	CSE		

All the concerned are hereby informed to take note of the above and act accordingly

The earlier Office Order No.COEPR/2018-19/49 constituted on 04/09/2018 stands cancelled.

Ernisal
(Mrs. R.N.Misal)
NAAC Co-coordinator

S.N. Kulkarni
(Prof.S.N. Kulkarni)
Vice-Principal & NAAC Co-ordinator

B. Ronge
(Prof. Dr. B. P. Ronge)
PRINCIPAL



C.C. to:

1. All Deans
2. All HODs
3. Concerned staff members
4. Office

Annexure 2

Action Plan and Achievements for the Year 2017-18

Our Institute has worked towards achieving quality enhancement and sustenance in the academic year 2017-18. However quality enhancement is a continuous process and hence our efforts are in the direction of maintaining quality in the days to come as well. Action plan for the academic year 2017-18 and achievements are as given below;

A) Curriculum Aspect:

Sr. No.	Plan of Action	Achievements /Action Taken / Status
i.	Arrange Expert/Guest Lectures	153
ii.	Arrange industrial visits	46
iii.	Conduct practice sessions	Conducted for 15 difficult to understand subjects
iv.	Use virtual labs	Virtual Lab Local server Simulated Hit 980
v.	Arrange IIT workshops and STTPs	07

B) Teaching Learning and Evaluation:

Sr. No.	Plan of Action	Achievements /Action Taken / Status
i.	To encourage teachers to participate in various activities like Conferences, STTPs, workshops, seminars	212 teacher participated
ii.	Use virtual labs	Virtual Lab Local server Simulated Hit 980
iii.	Conduct lab tests, chapter tests, ISEs	Lab tests = 90 subjects Chapter tests = 291 ISEs = 237
iv.	Arranging remedial classes to teach to the slow learner students	Remedial / backlog Classes 17 subjects

Sr. No.	Plan of Action	Achievements /Action Taken / Status
v.	Conducting feedback sessions and getting feedback from students	Online feedback = once per class per semester Off line feedback : a) Dean Academics feedback = once per class per semester b) HoD feedback = thrice per class per semester c) Course End Survey = once per semester for all classes students d) Exit Survey = at the end of academic year (once in year) for final year students

C) Research and Consultancy:

Sr. No.	Plan of Action	Achievements /Action Taken / Status
i.	Arrange International conference	Planned in December 2018
ii.	Submit research proposals to the funding agencies	2 research proposals to AICTE, 1.FDP Proposal , 2.RPS Proposal, 5 Submitted to RGSTC but rejected DST, BRNS
iii.	Increase consultancy	Consultancy amount increased to Rs.21,20,495/- in 2017-18.
iv.	Visits to R&D organizations	Visit to KLE University, Three faculties visited RRCAT Indore
v.	Form IPR policy and IPR Cell	IPR policy is prepared and being implemented. IPR Cell has been constituted.

D) Infrastructure:

Sr. No.	Plan of Action	Achievements /Action Taken / Status
i.	Purchase of equipments and Computer Systems for laboratories	Equipments and Computer Systems worth Rs. 95.31 Lakh
ii.	Purchase of books and e-journals in the library	1749 books of worth Rs. 9,29,492/- were added into the library to increase total to 58140 books. 444 e-journals were worth Rs. 12,38,616/- subscribed this year.

iii.	Maintenance of Lab. Equipments, Computer systems, Labs., classrooms, office, books, etc	Equipments, Computer systems, Labs., classrooms, office, books, etc were maintained properly. Rs. 548.77 Lakh spent on Maintenance
iv.	Maintenance of LAN, access points, CCTVs	LAN, access points, CCTVs were maintained properly
v.	Start of Sewage water treatment plant and lift system	Sewage water treatment plant and lift system were started successfully

E) Student Support and Progression:

Sr. No.	Plan of Action	Achievements /Action Taken / Status
i.	Arrange on campus and off campus placement opportunities to the students	Total 83 Companies visited for campus placement. Total 358 students were placed in the academic year 2017-18
ii.	Arrange training programs for student development	In total 48 Training programmes are conducted for various class students.
iii.	Allow students to participate in various activities in the institute and events organized by other institutes	438 students were participated in various activities in the institute and events organized by other institutes
iv.	To arrange Technical Symposium "Olympus"	Technical Symposium "Olympus" was organized on 15 th & 16 th September 2017.
v.	Start of Sewage water treatment plant and lift system	Sewage water treatment plant and lift system were started successfully and operating effectively.
vi.	To arrange NSS camp	NSS camp was arranged in village Ozewadi
vii.	To arrange Annual Cultural event "BEATS" and Sport event "Glance"	Annual Cultural event "BEATS2K17" and Sport event "Glance" were successfully organized in Dec. 2017 and. Jan 2018.
viii.	Allow students to participate in Youth Festivals	35 students were participated in the Youth Festival organized by Solapur University.
ix.	Arrange practice sessions and backlog classes	Practice sessions were conducted for 10 difficult to understand subjects. Remedial classes to teach to the slow learner students were arranged for 08 subjects.
x.	Make available services of Counsellor to the students	Services of Counsellor Mrs. Sangita Patil were made available to the students.
xi.	To provide Learn and Earn Scheme	Total 170 students were benefited for Rs.27.08 Lakh.
xii.	Provide merit prizes	Total 83 students awarded merit prizes worth Rs. 7.91 Lakh

F) Innovations and Healthy Practices:

Sr. No.	Plan of Action	Achievements /Action Taken / Status
i.	Encourage teachers and students to participate in societal activities	08 teachers were involved in the societal activities whereas 200 students were involved in it.
ii.	Arrange health check up camp and blood donation camps	One Health check up camp was organized. Two blood donation camps were organized.
iii.	Arrange lectures on Birth and Death Anniversaries of Eminent Personalities and Social reformers	Lectures on Birth and Death Anniversaries of Eminent Personalities and Social reformers were arranged on following occasions: <ol style="list-style-type: none"> 1. Teachers' Day 2. Engineers' Day 3. Mahatma Gandhi Jayanti 4. Savitribai Phule Jayanti 5. Shiv Jayanti 6. Women's Day 7. Dr. Babasaheb Ambedkar Jayanti
iv.	Organizing talks on gender equality, stress management, women empowerment	Talks on gender equality, stress management, women empowerment were organized on Savitribai Phule Jayanti and Women's day.

Annexure 3

Academic Calendar 2017-18

Shri Vithal Education & Research Institute's COLLEGE OF ENGINEERING, PANDHARPUR ACADEMIC CALENDAR FOR THE YEAR 2017-18		All UG Courses are accredited by NBA 1) Civil Engg. 2) E & TC Engg. 3) CSE Engg. 4) Mech. Engg.	
JUN	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	SEMESTER - I (June to Dec. 2017)	SEMESTER - II (Jan to June 2018)
JULY	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	Date Symbol Events	Date Symbol Events
AUG	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 st June 31 st June 22 nd & 23 rd June 15 th June	1 st Jan. to 5 th April As per schedule 12 th Jan. 14 th Jan.
SEPT	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	15 th June to 15 th Oct. As per Schedule 22 nd to 5 th July 22 nd July 23 rd July 30 th July	18 th Jan. 26 th Jan 27 th Jan 30 th Jan
OCT	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	2 nd Aug to 6 th Aug As per schedule 7 th Aug. 8 th Aug.	1 st Feb. to 5 th Feb. As per schedule 13 th Feb. 19 th Feb.
NOV	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	14 th Aug. 15 th Aug. 17 th Aug. 13 th Aug. 23 rd Aug. 31 st Aug.	21 st & 22 nd Feb. 28 th Feb. 7 th March 19 th Feb.
DEC	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	2 nd Sept. 5 th Sept. 3 rd Sept. to 7 th Sept. 8 th Sept. to 12 th Sept.	1 st Mar. to 5 th Mar. 2 nd March 7 th March 19 th Feb.
JAN	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	15 th Sept. 15 th & 16 th Sept. 19 th Sept.	1 st Mar. to 5 th Mar. 2 nd March 7 th March 19 th Feb.
FEB	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	20 th & 21 st Sept. 22 nd Sept. 24 th Sept. 30 th Sept.	1 st Mar. to 5 th Mar. 2 nd March 7 th March 19 th Feb.
MAR	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 st Oct. 2 nd Oct.	1 st Mar. to 5 th Mar. 2 nd March 7 th March 19 th Feb.
APR	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	5 th Oct. 5 th Oct. to 9 th Oct. 10 th Oct. to 14 th Oct. 13 th Oct.	1 st Mar. to 5 th Mar. 2 nd March 7 th March 19 th Feb.
MAY	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	17 th Oct. to 22 nd Oct. 25 th Oct. Onwards 31 st Oct. 4 th Nov. 13 th Nov. to 18 th Nov.	1 st Mar. to 5 th Mar. 2 nd March 7 th March 19 th Feb.
JUN	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	20 th Nov. Onwards 1 st Dec. 31 st Dec. 1 st Dec. 22 nd Dec. 25 th Dec. 28 th & 29 th Dec.	1 st Mar. to 5 th Mar. 2 nd March 7 th March 19 th Feb.

Note : Change if any will be conveyed accordingly.

Annexure 4

Feedback Analysis 2017-18

Alumni (Manual) :

1. Need to inform importance of GATE and current job scenario.
2. Guide the students for further study in abroad
3. Final year projects of students base on industrial problem.
4. Competitive Exam Guidance sessions are arranged for students.
5. More interaction with industrial people is needed.
6. Application oriented workshops and Software trainings need to be arranged.

Parents (Manual) :

1. Action to be take on absent students of night study.
2. Solve the college bus problem.
3. Maintain the hostel toilet cleanliness.
4. Arrange extra practice session for difficult subject. .

Employers (Manual):

1. Improve in interpersonal skill.
2. Improve communication skills and body language.
3. Exposure to latest technology is needed.

Students (Manual) :

1. Wi-fi connectivity is poor.
2. Cleaning problem of washroom.
3. Number of copies of made easy GATE books should be increased.
4. Book returning duration be increased.

(Mention Mode of feedback: Online/Manual)

Annexure 5

Action Plan for the Year 2018-19

Our Institute has worked towards achieving quality enhancement and sustenance in the academic year 2017-18. However quality enhancement is a continuous process and hence our efforts are in the direction of maintaining quality in the days to come as well. Action plan for the academic year 2018-19 is as given below;

A) Curriculum Aspect:

Sr. No.	Plan of Action
i.	Arrange Expert/Guest Lectures
ii.	Arrange industrial visits
iii.	Conduct practice sessions
iv.	Use virtual labs
v.	Arrange IIT workshops and STTPs

B) Teaching Learning and Evaluation:

Sr. No.	Plan of Action
i.	To encourage teachers to participate in various activities like Conferences, STTPs, workshops, seminars
ii.	Use virtual labs
iii.	Conduct lab tests, chapter tests, ISEs
iv.	Arranging remedial classes to teach to the slow learner students
v.	Conducting feedback sessions and getting feedback from students

C) Research and Consultancy:

Sr. No.	Plan of Action
i.	Arrange International conference
ii.	Submit research proposals to the funding agencies
iii.	Increase consultancy
iv.	Visits to R&D organizations

v.	Form IPR policy and IPR Cell
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D) Infrastructure:

Sr. No.	Plan of Action
i.	Purchase of equipments and Computer Systems for laboratories
ii.	Purchase of books and e-journals in the library
iii.	Maintenance of Lab. Equipments, Computer systems, Labs., classrooms, office, books, etc
iv.	Maintenance of LAN, access points, CCTVs
v.	Status of Sewage water treatment plant and lift system

E) Student Support and Progression:

Sr. No.	Plan of Action
i.	Arrange on campus and off campus placement opportunities to the students
ii.	Arrange training programs for student development. E.g. Soft Skills
iii.	Allow students to participate in various activities in the institute and events organized by other institutes
iv.	To arrange Technical Symposium "Olympus"
v.	Start of Sewage water treatment plant and lift system
vi.	To arrange NSS camp
vii.	To arrange Annual Cultural event "BEATS" and Sport event "Glance"
viii.	Allow students to participate in Youth Festivals
ix.	Arrange practice sessions and backlog classes
x.	Make available services of Counsellor to the students
xi.	To provide Learn and Earn Scheme
xii.	Provide merit prizes

ix.	Sessions of Industry experts
x.	Sessions on Competitive Exams Preparation

F) Innovations and Healthy Practices:

Sr. No.	Plan of Action
i.	Encourage teachers and students to participate in societal activities
ii.	Arrange health check up camp and blood donation camps
iii.	Arrange lectures on Birth and Death Anniversaries of Eminent Personalities and Social reformers
iv.	Organizing talks on gender equality, stress management, women empowerment
v.	Provide additional platform for the students to put their grievances/suggestions if any
