

**Annual Quality Assurance Report (AQAR) of the**

**IQAC of**

**Annasaheb Dange College of Engineering & Technology,  
Ashta, Dist – Sangli 416301 MH INDIA**

**Submitted to**



**NATIONAL ASSESSMENT AND ACCREDITATION  
COUNCIL**

**Submitted by**



**Annasaheb Dange College of Engineering & Technology,  
Ashta, Dist – Sangli 416301 MH INDIA**

[www.adcet.in](http://www.adcet.in)

**The Annual Quality Assurance Report (AQAR) of the IQAC****Part – A****AQAR for the year:**

2015-16 (Period: July 1, 2015 to June 30, 2016)

**1. Details of the Institution**

1.1 Name of the Institution

Annasaheb Dange College of Engineering &amp; Technology

1.2 Address Line 1

Ashta

Address Line 2

Tal: Walwa

City/Town

Dist: Sangli

State

Maharashtra

Pin Code

416 301

Institution e-mail address

principal@adcet.in

Contact Nos.

02342 241106

Name of the Head of the Institution:

Dr. A. M. Mulla

Tel. No. with STD Code:

02342 241106

Mobile:

08600339786

NAAC AQAR 2015-16

Name of the IQAC Co-ordinator:

Dr. N. D. Sangle

Mobile:

08600600711

IQAC e-mail address:

vp\_acad@adcet.in

1.3 NAAC Track ID (For ex. MHCOGN 18879): MHCOGN20813

1.4 Website address:

www.adcet.in

Web-link of the AQAR:

www.adcet.in/NAAC/AQAR201516.pdf

1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	A	3.01	2015	March 2015- Feb. 2020
2	2 <sup>nd</sup> Cycle	Not Applicable			
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

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

01/01/2013

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

2015-16

NAAC AQAR 2015-16

1.8 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 \_\_\_\_\_ (DD/MM/YYYY)4
- ii. AQAR \_\_\_\_\_ (DD/MM/YYYY)
- iii. AQAR \_\_\_\_\_ (DD/MM/YYYY)
- iv. AQAR \_\_\_\_\_ (DD/MM/YYYY)

1.9 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

1.10 Type of Faculty/Programme

- Arts  Science  Commerce  Law  PEI (Phys Edu)
- TEI (Edu)  Engineering  Health Science  Management
- Others (Specify)

1.11 Name of the Affiliating University (*for the Colleges*)

Shivaji University, Kolhapur

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

Autonomy by State/Central Govt. / University	<input type="text" value="Nil"/>		
University with Potential for Excellence	<input type="text" value="Nil"/>	UGC-CPE	<input type="text" value="Nil"/>
DST Star Scheme	<input type="text" value="Nil"/>	UGC-CE	<input type="text" value="Nil"/>
UGC-Special Assistance Programme	<input type="text" value="Nil"/>	DST-FIST	<input type="text" value="Nil"/>
UGC-Innovative PG programmes	<input type="text" value="Nil"/>	Any other ( <i>Specify</i> )	<input type="text" value="Nil"/>
UGC-COP Programmes	<input type="text" value="Nil"/>		

**2. IQAC Composition and Activities**

2.1 No. of Teachers	<input type="text" value="13"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="04"/>
2.3 No. of students	<input type="text" value="Nil"/>
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="Nil"/>
2.9 Total No. of members	<input type="text" value="21"/>
2.10 No. of IQAC meetings held	<input type="text" value="03"/>
2.11 No. of meetings with various stakeholders:	No. <input type="text"/> Faculty <input type="text" value="01"/>

Non-Teaching Staff  Students  Alumni  Others (Parents)

\* department wise

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

Performance Based Appraisal System (PBAS)

2.14 Significant Activities and contributions made by IQAC

1. Implementation of Quality Management System through ISO 9001:2008 quality system compliance.
2. Promoting teachers to participate in Faculty Development Programmes
3. Interaction with various stake holders (Students, parents, alumni, employer, Industry) at departmental and institutional level for feedback
4. Infrastructure enhancement –Health club
5. Framing of quality objectives for institution and departments (programme outcomes). Action plan, monitoring and assessment of quality objectives.
6. Job oriented and placement assistance programmes were conducted.
7. Functioning of Anti-ragging committee and maintenance of campus discipline.
8. In order to conduct an internal academic audit, a committee comprising of the PRINCIPAL VICE-PRINCIPAL and the IQAC CO-ORDINATOR was formed. Academic audit reports were distributed to the head of the departments at the beginning of academic session and the audit was held in the month of May and November.

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 \*

NAAC AQAR 2015-16

Plan of Action	Achievements
To complete the construction of indoor stadium	Indoor stadium was completed.
To cater to the needs of slow learners through remedial classes	Remedial classes were conducted to help the slow learners improve their academic performance.
To conduct an academic audit of departments	Academic Audit was conducted.
Implementation of Quality Management System through ISO 9001:2008.	Up gradation of the quality standard to meet the requirements of NAAC. Re registration audit scheduled in the month of Oct 2016
Orientation Programme for Teaching Staff	An orientation programme was conducted at the beginning of the academic year for Newly joined teaching staff.

\* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body      Yes       No

Management       Syndicate       Any other body

Provide the details of the action taken

## 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	--	--	--	--
PG	6	1	7	--
UG	7	--	7	--
PG Diploma	--	--	--	--
Advanced Diploma	---	---	---	---
Diploma	--	--	--	--
Certificate	--	--	--	--
Others	--	--	--	--
<b>Total</b>	13	01	14	--
Interdisciplinary	--	--	--	--
Innovative	--	--	--	--

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

##### (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	07 U.G and 07 P.G
Trimester	Nil
Annual	Nil

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

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

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



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

As a college affiliated to a Shivaji University, Kolhapur, it has to follow the courses designed by the University. However, some of the senior Faculty of this college does act as members of the respective Board of Studies and actively involved in revision of syllabi. The fourth year engineering curriculums (Semester 7 and 8) of all departments have been revised and updated.

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

Nil

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
111	103	03	05	--

2.2 No. of permanent faculty with Ph.D.

16

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
103	34	3	28	5	9	--	--	--	--

2.4 No. of Guest and Visiting faculty and Temporary faculty

--

--

96 (Adhoc)

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	18	08	Nil
Presented papers	51	16	Nil
Resource Persons	01	02	04

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

1. Outcome based teaching learning process
2. ICT enabled teaching methods using Wi-Fi broadband internet
3. Experts from academics, industry and alumni are invited for guest lectures
4. NPTEL Lectures
5. Industrial Visits
6. Extra coaching for academically weak and bright learners
7. Continues Assessment scheme (CAS) for laboratory work

2.7 Total No. of actual teaching days

Sem-I: 89 Sem-II: 78 Total: 167

during this academic year

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

1. The college has no option for such reformative measures. Being affiliated to the Shivaji University, Kolhapur, we follow just the University norms in regard to examination evaluation.

2 For an internal evaluation, the college conducted Class Tests.

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

10	09	57
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2.10 Average percentage of attendance of students

75.66
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2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
Mechanical Engineering-	215	63.25	29.30	4.1	---	93.02
Electronic and Telecommunication	153	52.32	36.88	21.47	---	92.86
Information Technology	30	68.96	31.03	---	---	100
Computer Sciences and Engineering	69	75.36	24.64	---	---	97.10
Electrical Engineering	78	87.17	8.97	2.56	---	98.71
Civil Engineering	65	38.86	41.53	4.61	---	84.61
Automobile Engineering	45	50.45	32.48	16.07	0.98	93.33

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

- Planning of academic calendar.
- Teaching plan for each subject by faculty members.
- By conducting remedial coaching
- Faculty feedback from the students twice a Semester.
- Result analysis
- Academic Audit

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	01
UGC – Faculty Improvement Programme	10
HRD programmes	06
Orientation programmes	03
Faculty exchange programme	Nil
Staff training conducted by the university	Nil
Staff training conducted by other institutions	45
Summer / Winter schools, Workshops, etc.	146
Others	24

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	33	--	--	73
Technical Staff	22	--	--	38

### Criterion – III

#### 3. Research, Consultancy and Extension

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

1. Motivates the faculty to pursue research IQAC promotes faculty members to registers for Ph.D. degree.
2. Invites eminent resource persons to conduct lectures.
3. Encourages Faculty to participate in STTP/Seminars/Conference/Workshop etc  
Special leaves are sanctioned for STTP/Seminars/Conference/Workshop.
4. Provides motivational awards like Best Teacher Award
5. All the students are encouraged to become members of professional bodies like ISTE, IEI etc.

##### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	Nil	Nil	Nil
Outlay in Rs. Lakhs	Nil	Nil	Nil	Nil

##### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	Nil	Nil	Nil
Outlay in Rs. Lakhs	Nil	Nil	Nil	Nil

##### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	43	Nil	Nil
Non-Peer Review Journals	40	Nil	Nil
e-Journals	06	Nil	Nil
Conference proceedings	20	07	Nil

##### 3.5 Details on Impact factor of publications:

Range 1-3      Average 1.5      h-index 2      Nos. in SCOPUS 15

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	--	--	--	--
Minor Projects	--	--	--	--
Interdisciplinary Projects	--	--	--	--
Industry sponsored	2015-16	Industries	84000	84000
Projects sponsored by the University/ College	--	--	--	--
Students research projects <i>(other than compulsory by the University)</i>	--	--	--	--
Any other(Specify)	--	--	--	--
Total	--	--	--	--

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	--	--	1	--	1
Sponsoring agencies	--	--	Institute		Institute

NAAC AQAR 2015-16

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	01
	Granted	Nil
International	Applied	Nil
	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
Nil	Nil	Nil	Nil	Nil	Nil	25

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	<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"/>

3.22 No. of students participated in NCC events:

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"/>

3.23 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="Nil"/>	College forum	<input type="text" value="Nil"/>		
NCC	<input type="text" value="Nil"/>	NSS	<input type="text" value="Nil"/>	Any other	<input type="text" value="Nil"/>

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

- Blood Donation camp : 17 July 2015
- Cleanliness Programme: 02 October 2015
- Book Donation to Ashram School students: 26 January 2015
- Road safety day programme: 11 January 2016
- Best from waste event: 12 September 2015



**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	10Acres	--	--	10 Acres
Class rooms	47	--	--	47
Laboratories	86	--	--	86
Seminar Halls	8	--	--	8
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.		Yes		
Value of the equipment purchased during the year (Rs. in Lakhs)	51.75			
Others	--	--	--	--

## 4.2 Computerization of administration and library

Administrative department and Library are fully computerized with Internet facility.
--

## 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	35954	1,08,00,290/-	197	74,231/-	36151	1,08,74,521/-
Reference Books	2095	46,28,695/-	16	48,503/-	2111	46,77,198/-
e-Books	---	---	9703	20,16,605/-	9703	20,16,605/-
Journals	41	1,05,049/-	41	1,04,469/-	---	---
e-Journals	574	13,80,444/-	574	14,92,590/-	---	---
Digital Database	---	---	---	---	---	---
CD & Video	65+ NPTEL 4000 Lectures	3,40,750/	---	---	---	---
Others (specify)	---	---	---	---	---	---

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	890	39	40	02	01	01	--	--
Added	05	02	05	02	--	--	--	--
Total	895	41	45	04	01	01	--	--

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

<p>1.All departments and the office have been provided computer facilities with internet access.</p> <p>2.The college has provided LCDs to all departments for power-point presentation.</p> <p>3. Computers with internet access are made available to students free of cost.</p> <p>4.Students are encouraged to make use of computers for Power Point Presentations of their seminars and projects.</p> <p>5.Add-on course are conducted for students</p>
--

4.6 Amount spent on maintenance in lakhs :

i) ICT	3.04
ii) Campus Infrastructure and facilities	13.49
iii) Equipments	1.32
iv) Others	6.6
<b>Total:</b>	<b>24.45</b>

## Criterion – V

### 5. Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

1. Software has been designed by Internal Quality Assurance Cell (IQAC) to consolidate student feedback on Faculty and central facilities of the institutes.
2. Add-on courses were offered.
3. College Annual Magazine –Dnyanada 2016
4. Curriculum information through academic booklet
5. Counseling and Grievance redressal by faculty members.
6. Academic calendar is provided at the beginning of each semester
7. Organizing and conduction of Technical events such as Discovery, Innovation, Profest etc
8. Fostering Technical and personality growth of students on the aegis of various students chapters such as ISTE, IEI, etc.
9. Institute has student counselors
10. Orientation Programme for students
11. Scholarships are provided in various schemes
12. Financial assistance is given to economically backward students.
13. Partition is different committees in the college

#### 5.2 Efforts made by the institution for tracking the progression

1. Continuous Assessment Scheme (CAS)
2. Academically weak and bright students are counseled for progression in learning.
3. Placement Cell organizes campus interviews and training programmes for students.
4. Students attendance is monitor on every month
5. Internal test are conducted
6. The Alumni Association maintains consistent correspondence with alumni.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2611	132	--	--

(b) No. of students outside the state

2

(c) No. of international students

--

Men	No	%	Women	No	%
	1711	65.5		900	34.5

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2085	204	3	493	--	2785	1611	240	6	886	--	2743

Demand ratio: 90%

Dropout % : 3.4

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

We are conducting GATE coaching classes for B.E. students

No. of students beneficiaries

40

5.5 No. of students qualified in these examinations

NET	Nil	SET/SLET	Nil	GATE	04	CAT	Nil
IAS/IPS etc	Nil	State PSC	Nil	UPSC	Nil	Others	03

5.6 Details of student counselling and career guidance

**Students' Counseling Cell:** All proctors interacted with the students to know their personal as well as academic problems.

**Placement Cell:** For students' counseling and career guidance interviews and training programmes were organized by placement cell.

No. of students benefitted

2500

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
53	550	148	66

5.8 Details of gender sensitization programmes

Orientation programmes are arranged for girl students through Women's Grievance Redressal Cell

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 (Lakhs)
Financial support from institution	49	3.37
Financial support from government	1738	822.59
Financial support from other sources	--	--
Number of students who received International/ National recognitions	--	--

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

**Vision:** To prepare professionally competent engineers for the society.

**Mission:** We at ADCET, Ashta are committed to achieve our vision by

- Imparting effective outcome based education
- Preparing students through skill oriented courses to excel in their profession with ethical values
- Promoting research to benefit the society
- Strengthening relationship with all stakeholders

#### 6.2 Does the Institution has a management Information System

Computerization of administration: The institution has good computer network and following processes are partially or fully computerized

1. Accounts
2. Library
3. Online feedback

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

##### 6.3.1 Curriculum Development

1. Content beyond topics
2. Counseling cell
3. Add on courses
4. Use of ICT in teaching and learning
5. Use of Power point presentation, e-learning resources.
6. Subject allocation as per specialization of teachers.
7. Feedback from stakeholders

##### 6.3.2 Teaching and Learning

1. Academic calendar
2. Teaching plan is prepared by all faculty members
3. Remedial coaching classes
4. Process was adopted to identify weak students and bright students
5. Implemented continuous assessment scheme
6. Sharing of course notes through Google sites
7. Industrial visit activities.

6.3.3 Examination and Evaluation

1. Examinations were conducted as per directions furnished by Shivaji University, Kolhapur.
2. For internal evaluation, the college had conducted two class tests, one midterm test home assignments, group projects and seminars.

6.3.4 Research and Development

1. Faculties with Ph.D.- 16 faculty
2. 116 papers were published in International and National reputed journals
3. 100 faculty members were participated in conference and symposia
4. Faculties are inspired to improve their qualification by pursuing Ph.D.
5. On line access to research journals, open access journals
6. Financial assistant to faculty members for presenting papers in conference
7. 10 faculty members published books on technical topics

6.3.5 Library, ICT and physical infrastructure / instrumentation

**Library:**

1. Library Software is available in central library
2. Bar coded based issue / return of books.
3. Softcopy of old university question papers
4. Digitization of library books with OPAC data management system

**ICT:**

1. Broadband connection – 40 MBPS
2. Wi-Fi facility
3. Language laboratory

**Physical Infrastructure:**

1. Campus security by private security agency
2. Renovation of T&P facility
3. Food and canteen facility improvement

6.3.6 Human Resource Management

API system for faculty updated.



6.3.7 Faculty and Staff recruitment

- All recruitments are done as per the norms of Shivaji University, Kolhapur and UGC
- Well qualified faculty and staff recruited as per requirement.
- For vacant post temporary faculty are recruited as per rules

6.3.8 Industry Interaction / Collaboration

1. Placement activity
2. Guest lectures
3. Industrial visits
4. Communication skills and aptitude based training
5. Add on courses based on the requirement of industry
6. Signed MOU with reputed industry

6.3.9 Admission of Students

Admission of students is done as per DTE and government of Maharashtra norms

6.4 Welfare schemes for

Teaching	Insurance, Subsidized Health Care
Non teaching	Insurance, Subsidized Health Care
Students	Scholarships. Insurance

6.5 Total corpus fund generated

50 Lakhs

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	British Standards Institution (BSI)	Yes	Core team of college
Administrative	Yes		Yes	

6.8 Does the University/ Autonomous College declare 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?

Nil

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

Applied for academic autonomy for the academic year 2017-18

6.11 Activities and support from the Alumni Association

Alumni meet is conducted once in a year. Alumni provide valuable feedback regarding curriculum, infrastructure. Alumni of our institution are working in different industry and have become expert in their domain. They provide guidance to students as and when required to the students. Continuous support from the Alumni in form of student training/placement, expert lectures and academic advisory committee at departmental and central level.

6.12 Activities and support from the Parent – Teacher Association

The department conducts parent meet each year. Parents are updated about their wards progress and they can view the same details online like the attendance of their ward. Parents even meet the faculty in the department and provide some oral suggestions which also contribute to the teaching learning process. They give valuable suggestions for the improvement of students, departments and institution.

6.13 Development programmes for support staff

Various events are organized for the development of the staff.

- Personality Development
- Awareness of NBA
- Stress Management
- The department conducts training for the support staff.

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

- Printouts and photocopies are taken on both sides of the paper
- Wasted papers / NEWS papers etc. are forwarded for recycling purpose
- Toner cartridges are recycled
- Biometric attendance is used for all employees
- Green campus with ample of trees.
- Boards are displayed to promote energy saving awareness.
- Lights and fans of class room are switched off after the lecture is completed.
- Departments propagate the importance of energy conservation by intimating staff and students to turn off light and fans whenever not required.
- Departments create awareness amongst staff and students to turn off water taps whenever not required.

## 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.

- NPTEL Lectures
- Strong feedback mechanism from all the stake holders
- Industry Institute Interaction and Industrial visits
- Content beyond syllabus topics

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

- Academic Calendar being published before the commencement of the academic year.
- Teaching plan for each subjects.
- Website is updated time to time.
- Sport complex was completed
- Blood donation camp
- Suggestion Box for feedback mechanism
- Ramps and toilet block for disabled students
- Publication of student magazine Dnyanada

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

1. Outcome based Education system
2. Continuous Academic Monitoring

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

7.4 Contribution to environmental awareness / protection

- Tree plantation programme on behalf of 80<sup>th</sup> birthday of Hon. Chairman Shri Annasaheb Dange in association with NSS.
- Eco-friendly initiative for minimizing paper wastage.
- Tobacco and plastic free campus
- Greenery and plantation are made within the campus

7.5 Whether environmental audit was conducted?    Yes     No

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

The strengths and weaknesses of the institution were broadly categorized under people (human resources), properties (infrastructural facilities), process (covering the operational process) and product (covering the students, alumni). Opportunities and threats were based on the external environment. The details are given below:

<b>1</b>	<b>Faculty</b>	
	<b>Strengths</b>	<b>Weaknesses</b>
	Qualified faculty , Committed faculty Young and enthusiastic faculty	Inability to cope up with changing technology
	Quest for higher learning	Fewer quests for higher goals
	Active participation in the college development	Lack of initiation.
	High Co-ordination, teamwork	Low expertise in computer field
	Healthy relationship amongst the faculty	Lack of exposure and interaction with Industries.
	Willingness to undergo appraisal process by the stakeholders.	Less involvement in R&D activities by the qualified staff.
<b>2</b>	<b>Infrastructure</b>	
	<b>Strengths</b>	<b>Weaknesses</b>
	Sufficient built up area with scope for expansion	Lack of virtual labs
	Well equipped and state of art laboratories for most of the departments	Inadequate guest house facility.
	Independent computing facilities for each of the departments	Inadequate Canteen facilities
	Adequate standby power supply facility for uninterrupted running of institute	Lack of R&D infrastructure
	Well furnished classrooms with Adequate Audio Visual Aids	No video conferencing facility
	Good hostel facilities.	Lack of modern workshop
	Good play ground and excellent indoor sports facilities and spacious Auditorium.	
	Existence of good transportation facility	
<b>3</b>	<b>Process and Product</b>	
	<b>Strengths</b>	<b>Weaknesses</b>
	Supportive management body	Lack of interdisciplinary activities
	Excellent academic results	Lack of liaison between external environment and the institute for enhancing consultancy
	NBA and NAAC accreditation along with ISO certification	Average quality of input
	Sincere and obedient students	Inadequate Placement facilities
	Strong student counseling	Poor Industry Institute Interaction
		Dormant Alumni association
	Prompt responsiveness to student and faculty grievances	Insufficient value added courses
	Good image building activity	Lack of awareness to competitive exams

		like GATE/CAT etc.
	Efficient anti-ragging system	Poor communication skill
	Good representation of student projects with many awards won at the state level contests	Weak profile in personality development
<b>4.</b>	<b>Opportunities (External)</b>	<b>Threats (External)</b>
	START UP India scheme by	Lack of academic autonomy
	Digital India initiative by central government	Density of engineering institutes
	Demand for consulting services.	Average input quality
	Quality consciousness in society	Rapid technological changes
	Supportive Management	Pausity of funds
	Collaborative learning environment	Lack of Governments vision towards technical education
	Higher economic growth projection of India by world bodies like IMF, Forbes.	Lack of concern and support from the industries for education
	New vision document by MHRD for higher technical education	

**8. Plans of institution for next year**

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| <ul style="list-style-type: none"> <li>• Successful Implementation of Academic Autonomy</li> <li>• Improving Placement of your students</li> <li>• Value added courses in every Dept</li> <li>• Publishing research papers in peer reviewed journals</li> <li>• Strengthening of interdisciplinary research activities</li> <li>• To conduct an academic audit of departments</li> <li>• MoU with industrial organizations</li> <li>• ISO 9001:2015 certification</li> </ul> |
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Name: Dr. N. D. Sangle

Name: Prof. R. A. Kanai

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC