NAAC AQAR 2017-18

Annual Quality Assurance Report

(AQAR) of the IQAC of

Annasaheb Dange College of Engineering & Technology

Ashta; Tal: Walwa; Dist: Sangli; Pin Code416 301; Maharashtra; India

Submitted to

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

Submitted by

Annasaheb Dange College of Engineering & Technology,

Ashta; Tal: Walwa; Dist: Sangli; Pin Code416 301; Maharashtra; India

www.adcet.in

The Annual Quality Assurance Report (AQAR) of the IQAC

AQAR for the year | 2017-18 (Period: July 1st, 2017 to June 30th, 2018)

Part – A

1. Details of the Institution

1.1 Name of the Institution | Annasaheb Dange College of Engineering & 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, info@adcet.in

Contact Nos. | 02342 241106

Name of the Head of the Institution: | Dr. M. M. Awati

Tel. No. with STD Code: | 02342 241106

Mobile: | 09902988138

Name of the IQAC Co-ordinator: Dr. N. D. Sangle

Mobile: 08600600711

IQAC e-mail address: dean_academics@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/AQAR201718.pdf

1.5 Accreditation Details

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

1.6 Date of Establishment of IQAC: DD/MM/YYYY   01/01/2013

1.7 **AQAR for the year** *(for example 2010-11)*   2017-18

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

   i.   AQAR 2015-16   submitted to NAAC on   09/09/2016
   ii. AQAR 2016-17   submitted to NAAC on   14/08/2017

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)   Nil

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

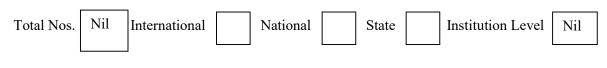**Autonomy by State**/Central Govt. / University

> Autonomy by Shivaji University, Kolhapur
> Ref No: SU/Affiliation/T-2/Autonomy/No. 2028
> Dated June 12, 2017.

University with Potential for Excellence	Nil	UGC-CPE	Nil
DST Star Scheme	Nil	UGC-CE	Nil
UGC-Special Assistance Programme	Nil	DST-FIST	Nil
UGC-Innovative PG programmes	Nil	Any other (*Specify*)	Nil
UGC-COP Programmes	Nil		

2. IQAC Composition and Activities

2.1 No. of Teachers `12`

2.2 No. of Administrative/Technical staff `04`

2.3 No. of students `01`

2.4 No. of Management representatives `01`

2.5 No. of Alumni `01`

2. 6 No. of any other stakeholder and

community representatives `02`

2.7 No. of Employers/ Industrialists `01`

2.8 No. of other External Experts `Nil`

2.9 Total No. of members `22`

2.10 No. of IQAC meetings held `07`

2.11 No. of meetings with various stakeholders: No. `01` Faculty `157`

Non-Teaching Staff `01` Students `01*` Alumni `01` Others (Parents) `01*`

* 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. [Nil] International [ ] National [ ] State [ ] Institution Level [Nil]

(ii) Themes

> Discovery 2K 17
>
> Innovation

2.14 Significant Activities and contributions made by IQAC

1. Implementation of Quality Management System through ISO 9001:2015 quality system compliance.

2. Design of formats for effective implementation through Quality Management System

3. Implementation of Course feedback, students exit feedback, Faculty feedback by students, parents, alumni feedback, employer, industry and facilities feedback

4. Framing of quality objectives for institution and departments (programme outcomes). Action plan, monitoring and assessment of quality objectives.

5. Job oriented and placement assistance programmes were conducted.

6. Functioning of Anti-ragging committee and maintenance of campus discipline.

7. Skills based Add-On Courses to enhance employability

8. Teaching pedagogy: Use of ICT has improved the teaching learning process. Students are shown videos, presentations, and animation to understand the theoretical concepts in better way

9. Remedial classes: For weak students and students failed in university exam, remedial lectures were conducted for critical subjects

10. Promotion of Internships amongst UG students

11. Orientation programs were conducted for faculty and students about the autonomy.

12. Academic monitoring and improving teaching-learning process

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
To prepare S. Y. B. Tech Curriculum for all departments	S. Y. B. Tech. Curriculum is ready for all departments
To organize orientation program for Students: Autonomy rules and regulations	Organized orientation program for Students:
To define the Objectives for various process Owners	Objectives of Management, Principal, Head of Departments, Faculty, Library, Laboratory is defined
To identify academically week and bright students	Academically week and bright students are identified
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.
Orientation Programme for Teaching Staff	An orientation programme was conducted at the beginning of the academic year for Newly joined teaching staff.
To organize National level workshop for library staff	National level workshop for library staff was conducted during 8th to 9th December, 2017
To verify the stock of library books	Library book stock is verified
To promote students for Internships	Organized students internships programmes

2.15 Whether the AQAR was placed in statutory body   Yes [✓]   No [ ]

Management [ ]   Syndicate [ ]   Any other body [√]

Provide the details of the action taken

Annual Quality Assurance report was presented during the IQAC Meeting

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	05	---	05	---
UG	07	---	07	---
PG Diploma	---	---	---	---
Advanced Diploma	---	---	---	---
Diploma	---	---	---	---
Certificate	---	---	---	---
Others	---	---	---	---
Total	12	---	12	---

Interdisciplinary	---	---	---	---
Innovative	---	---	---	---

1.2 (i) Flexibility of the Curriculum: CBCS/Core/**Elective option** / Open options: Yes-
   (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	07 U.G and 05 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

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

- From the Academic year 2017-18 institute got an Autonomous status
- Framed S. Y. B. Tech. Curriculum of institute under autonomy for the academic year 2018-19
- For Third year & Final year programs are under affiliated mode of Shivaji University, Kolhapur, it has to follow the courses designed by the University concerned. However, some of the senior Faculty of this institute do act as members of the respective Board of Studies.

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
177	152	16	08	01

2.2 No. of permanent faculty with Ph.D.

13

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
152	--	16	--	08	--	01	--	177	--

2.4 No. of Guest and Visiting faculty and Temporary faculty

Nil	01	Nil

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	26	07	01
Presented papers	44	03	Nil
Resource Persons	01	Nil	Nil

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. Industrial Visits

5. Extra coaching for academically weak and bright learners

6. Continues Assessment scheme (CAS) for laboratory work

2.7 Total No. of actual teaching days

during this academic year

Sem. -I: 86   Sem.-II:92   Total: 178

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

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1. For F.Y. & S.Y. B. Tech.- Autonomous Mode

- Mode of Assessment-In-Semester Evaluation-I (ISE-I), Mid Semester Evaluation (MSE), In-Semester Evaluation –II (ISE-II) & End Semester Evaluation (ESE)

- Double valuation for every course in ESE

- ISE-I & ISE-II shall be based on student's performance in class test, assignments, viva voce, quizzes, seminars etc

- Flexibility is provided to faculty members to set the question papers of ISE

2. For T.E & BE- Affiliated Mode

- For an internal evaluation, the college conducts Class Tests and mis term test in affiliated mode.

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

11	91	95

2.10 Average percentage of attendance of students

75.91

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	226	20.8	20.8	34.5	27	100
Electronic and Telecommunication	71	74.65	21.13	2.82	--	98.59
Computer Sciences and Engineering	68	60	07	--	--	98.52
Electrical Engineering	74	82.43	14.86	1	--	98.64

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
Civil Engineering	76	64.47	22.36	13.15	-	100
Automobile Engineering	37	75.67	24.32	---	--	100
Aeronautical Engineering	51	55	18	30	--	100

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

- Planning of academic calendar.
- Teaching plan for each course by faculty members.
- By conducting remedial coaching
- Faculty feedback from the students twice a semester.
- Result analysis
- Academic Audit
- Lecture monitoring
- In semester evaluation

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	11
UGC – Faculty Improvement Programme	01
HRD programmes	02
Orientation programmes	47
Faculty exchange programme	Nil
Staff training conducted by the university	02
Staff training conducted by other institutions	24
Summer / Winter schools, Workshops, etc.	101
Others	20

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	22	---	---	4
Technical Staff	66	---	---	4

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
4. Special leaves are sanctioned for STTP/Seminars/Conference/Workshop.
5. Provides motivational awards like Best Teacher Award
6. 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	5	Nil	Nil
Outlay in Rs. Lakhs	Nil	6,95,000	Nil	Nil

3.4 Details on research publications

	International	National	Others
Peer Review Journals	40	04	Nil
Non-Peer Review Journals	17	Nil	Nil
e-Journals	07	Nil	Nil
Conference proceedings	42	03	Nil

3.5 Details on Impact factor of publications:

Range | 0.213-9.2286 | Average | 3.073 | h-index | | Nos. in SCOPUS | 25

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	2017-18	--	49,118	49,118
Projects sponsored by the University/ College	2017-18	Shivaji University	7,95,000	7,95,000
Students research projects *(other than compulsory by the University)*	--	--	--	--
Any other(Specify)	--	--	--	--
Total	--	--	8,44,118	8,44,118

3.7 No. of books published   i) With ISBN No. | 05 | Chapters in Edited Books | Nil |

ii) Without ISBN No. | 01 |

3.8 No. of University Departments receiving funds from

UGC-SAP | Nil | CAS | Nil | DST-FIST | Nil |

DPE | Nil | DBT Scheme/funds | Nil |

3.9 For colleges   Autonomy | Nil | CPE | Nil | DBT Star Scheme | Nil |

INSPIRE | Nil | CE | Nil | Any Other (specify) | Nil |

3.10 Revenue generated through consultancy | Rs 2,93,300 |

3.11 No. of conferences organized by the institution

Level	International	National	State	University	College
Number	--	02	01	--	--
Sponsoring agencies	--	Institute	Institute	--	--

3.12 No. of faculty served as experts, chairpersons or resource persons | 28 |

3.13 No. of collaborations   International | Nil | National | 05 | Any other | Nil |

3.14 No. of linkages created during this year | 61 |

3.15 Total budget for research for current year in lakhs: 50,00,000/-

From funding agency | Nil | From Management of University/College | 50,00,000/-

Total | 50,00,000/-

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	01
	Granted	01
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	Nil

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

5

22

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

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

JRF | Nil   SRF | Nil   Project Fellows | Nil   Any other | Nil

3.21 No. of students Participated in NSS events:

University level | 100   State level | Nil

National level | Nil   International level | Nil

3.22 No. of students participated in NCC events:

University level	Nil
State level	Nil
National level	Nil
International level	Nil

3.23 No. of Awards won in NSS:

University level	Nil
State level	Nil
National level	Nil
International level	Nil

3.24 No. of Awards won in NCC:

University level	Nil
State level	Nil
National level	Nil
International level	Nil

3.25 No. of Extension activities organized

University forum	01	College forum	29
NCC	Nil	NSS	Nil	Any other	Nil

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

- Blood Donation camp
- Cleanliness Programme
- Tree plantation
- Republic day pared

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	20 Acres	--	--	20 Acres
Class rooms	47	01	Institute	48
Laboratories	86	14	Institute	100
Seminar Halls	08	--	--	08
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	--	--	--	--
Value of the equipment purchased during the year (Rs. in Lakhs)	27,23,225		Students Fee	27,23,225
Others (Exam Section)	--	--	--	--

4.2 Computerization of administration and library

> Administrative department and Library are fully computerized with Internet facility of 100Mbps.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	37928	1,13,59,815/-	3465	19,65,242/-	41393	1,33,25,057/-
Reference Books	2231	51,42,373/-	243	12,30,665/-	2474	63,73,038/-
e-Books	9726	23,83,711/-	-	-	9726	23,83,711/-
Journals	43	97,800/-	43	1,01,869/-	-	-
e-Journals	308	9,62,328/-	546	5,16,760/-	-	-
Digital Database	-	-	-	-	-	-
CD & Video	65+ NPTEL 10000 Lectures	3,64,446/-	-	-	-	-
Others (specify)	-	-	-	-	-	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	902	31	100Mbps	04	1	1	--	--
Added	--	--	55 Mbps	06	--	--	--	--
Total	902	31	155 Mbps	10	1	1	--	--

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

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

4.6 Amount spent on maintenance in lakhs :

i) ICT (Computer) --

ii) Campus Infrastructure and facilities --

iii) Equipments 2723225

iv) Others --

Total : 2723225/-

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 2018

4. Curriculum information through academic booklet and handbook

5. Counselling 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 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. Participation is different committees in the college

14. Book bank facility to SC & ST students

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 monitored every month

5. Internal test are conducted

6. The Alumni Association maintains continuous correspondence with alumni.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2592	76		---

(b) No. of students outside the state

01

(c) No. of international students

Nil

Men

No	%
1767	68.17

Women

No	%
825	31.82

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1901	277	9	492	Nil	2679	--	--	--	--	--	--

Demand ratio   100%   Dropout   05%

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

> We are conducting GATE coaching classes for B.E. students
> Also proving Competitive classes facilities to students for UPSC and MPSC exam under Annasaheb Dange career guidance cell.

No. of students beneficiaries

80

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

> **Students' Counseling Cell:** All mentors interacted with the students to know their personal as well as academic problems.
>
> **Career Guidance:** For students' career guidance interviews and training programmes were organized by placement cell.

No. of students benefitted

2679

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
111	571	166	84

5.8 Details of gender sensitization programmes

Orientation programs 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   211   National level   463   International level   Nil

No. of students participated in cultural events

State/ University level   18   National level   52   International level   Nil

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

Sports : State/ University level   134   National level   39   International level   Nil

Cultural: State/ University level   12   National level   03   International level   Nil

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	--	--
Financial support from government	1057	59845740/-
Financial support from other sources	--	--
Number of students who received International/ National recognitions	--	--

5.11   Student organised / initiatives

Fairs   : State/ University level | 02 | National level | 09 | International level | Nil |

Exhibition: State/ University level | 01 | National level | Nil | International level | Nil |

5.12   No. of social initiatives undertaken by the students | 26 |

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 be a leader in producing professionally competent engineers

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. Counselling 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

- Under Autonomy we are conducting ISE-I, MSE, ISE-II & ESE examination
- Double evaluation for all courses at ESE level
- Re-examination is available for fail students
- 100% examination is also available for fail students

6.3.4 Research and Development

1. Faculties with Ph.D.- 13 faculty
2. More than 100 papers were published in International and National reputed journals
3. More than 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 assistance to faculty members for presenting papers in conference
7. 05 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 – 100 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 is done as per the norms of Shivaji University, Kolhapur and UGC
> Well qualified faculty and staff recruited as per requirement.

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	Insurance, Scholarship

6.5 Total corpus fund generated   ---/-

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 University UG Programmes Yes [ ] No [✓] For Autonomy Yes [✓]

For University PG Programmes Yes [ ] No [✓] For Autonomy Yes [✓]

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

> For the academic year 2017-18 Institute got the autonomous status so, we prepared institute examination scheme under autonomous status as follows:
>
> - In-Semester Evaluation-I (ISE I): 10 marks
> - Mid Semester Examination (MSE): 30 marks
> - In-Semester Evaluation-II (ISE II) : 10 marks
> - End Semester Examination (ESE): 50 marks
> - Double Evaluation in ESE

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

> Institute got Autonomous status by University,
> Ref No: SU/Affiliation/T2/Autonomy/No2028, Dated June 12, 2017.

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.
> - We invited Alumni for DAAC meeting Guest lectures etc

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 attendance. 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 and Autonomy
- 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 conversion by intimating staff and students to turn of light and fans whenever not required.

- Departments create awareness amongst staff and students to turn of 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.

- e- course file
- e- Academic booklet and handbook made available on institute website
- Industry Knowledge Sharing Projects
- Students Professional Chapters like IEI, ISHRE, SRESA, ISNT etc
- NPTEL Lectures through MOOC
- Strong feedback mechanism from all the stakeholders.
- Industry Institute Interaction and Industrial visits
- Content beyond syllabus topics
- Audit courses

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 course
- Website is updated time to time.
- Blood donation camp
- Suggestion Box for feedback mechanism
- Ramps and toilet block for disabled students
- Publication of student magazine Dnyanada
- Involved industry persons in DAAC, BOS etc
- Remedial classes for academically weak students.
- Counseling facility is arranged for the needy students

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
3. Effective Mentoring

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 82th 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
- Formation of Nature Club

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:

- Autonomy
- State of art laboratories & Infrastructure
- Highly qualified, experienced & dedicated faculty
- Outcome based teaching learning
- Permanent affiliation
- State of art library

Weakness:

- Less no. of placements
- Research & consultancy
- Students' weakness in Communication skills owing to rural background
- Lack of skill development programmes

Opportunities:

- Scope for Strengthening Industry- Institute interaction
- Scope for preparing students for GATE & other competitive examinations
- R & D Cell
- Networking with other Institutions

Challenges:

- Attract quality students
- 100% Placement
- International linkages
- Need based skill development programmes

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

- Successful Implementation of Academic Autonomy
- Improving Placement activities
- Introducing Audit and Mandatory courses under autonomy
- Publishing research papers in peer reviewed journals
- Strengthening of interdisciplinary research activities
- Conduct academic and administrative audit of institute
- MoU with industrial organizations

Name: Dr. N. D. Sangle   Name: Prof. R. A. Kanai
Signature of the Coordinator,   IQAC Signature of the Chairperson, IQAC

***

Academic Calendar :2017-18 - Odd Semester

Annasaheb Dange College of Engineering and Technology, Ashta
Tal.: Walwa, Dist.: Sangli, Maharashtra, India 416 301

ACADEMIC CALENDER 2017-18 (SE to BE: Odd Semester)

June

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Week
			1	2	3	4	
5	6	7	8	9	10	11	
12	13	14	15	16	17	18	I
19	20	21	22	23	24	25	II
26	27	28	29	30			

Commencement of Semester For SE to BE	June 12th, 2017
Ramzan Eid	June 26th, 2017

Academic Days:16

July

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Week
					1	2	III
3	4	5	6	7	8	9	IV
10	11	12	13	14	15	16	V
17	18	19	20	21	22	23	VI
24	25	26	27	28	29	30	VII
31							

Class Test: I(CT-I)	July 10th to 5th ,2017
Faculty Feedback-I	July 3rd to 15th ,2017
Evaluation of CT-I	July 22nd , 2017
Institute Foundation Day	July 24th, 2017
Review of Feedback-I	July 22nd, 2017

Academic Days:26

August

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Week
	1	2	3	4	5	6	VIII
7	8	9	10	11	12	13	IX
14	15	16	17	18	19	20	X
21	22	23	24	25	26	27	XI
28	29	30	31				

Mid Term Test (MT)	August 3rd to 5th , 2017
Evaluation of MT	August 12th , 2017
Independence Day	August 15th, 2017
Discovery 2K17	August 19th, 2017
Ganesh Chaturthi	August 25th, 2017

Academic Days:25

September

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Week
				1	2	3	XII
4	5	6	7	8	9	10	XIII
11	12	13	14	15	16	17	XIV
18	19	20	21	22	23	24	XV
25	26	27	28	29	30		

Bakri Eid	September 2nd , 2017
Teachers Day	September 5th , 2017
Faculty Feedback- II	September 4th to 9th,2017
Class Test: II (CT-II)	September 4th to 9th,2017
Engineers Day	September 15th, 2017
Evaluation of CT-II	September 16th ,2017
Review of Feedback-II	September 16th ,2017
Academic Term End	September 23th , 2017
Dasara	September 30th , 2017

Academic Days:19

October

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Week
						1	XVI
2	3	4	5	6	7	8	XVII
9	10	11	12	13	14	15	XVIII
16	17	18	19	20	21	22	XIX
23	24	25	26	27	28	29	XX
30	31						

Gandhi Jayanti	October 2nd , 2017
Diwali Laxmi Pujan	October 19th , 2017
Diwali Balipratipada	October 20th , 2017
Bhaubij	October 21st , 2017
Tentative period of SUK practical/Oral Exam	September 25th , 2017 onwards
Tentative period of SUK Theory Exam	October 16th , 2017 to November 15th , 2017

Every department shall conduct the following programs for the current Semester
1) Career Guidance by Industry experts and Alumni etc. 2) Seminar, Conference, Workshop, STTP
3) Remedial/ Academically bright & weak students Classes 4) Industry–Institute interaction activities
Utilize week no 15th for Make-up classes and compensation classes
Display Defaulter students list on notice board up to 5th of each month
Academic Weeks: 15   **Total Academic Days: 86 Days**

Executive Director   Principal   Vice-Principal (Acad.)   Vice-Principal (Adm.)

Academic Calendar :2017-18 - Even Semester

Annasaheb Dange College of Engineering and Technology, Ashta

An Autonomous Institute

Tal : Walwa; Dist: Sangli; Maharashtra; India 416 301

ACADEMIC CALENDAR 2017-18 (S.E. to B.E.: EVEN SEMESTER)

December-2017

M	T	W	T	F	S	S	Week
				1	2	3	
4	5	6	7	8	9	10	
11	12	13	14	15	16	17	
18	19	20	21	22	23	24	I
25	26	27	28	29	30	31	II

Eid-E-Milad — December 1st, 2017
Commencement of Teaching — December 18th, 2017
Christmas — December 25th, 2017

Academic Days:11

January-2018

M	T	W	T	F	S	S	Week
1	2	3	4	5	6	7	III
8	9	10	11	12	13	14	IV
15	16	17	18	19	20	21	V
22	23	24	25	26	27	28	VI
29	30	31					

Feedback-I — January 15th to 27th, 2018
Sanstha Sneha Melava — January 19th, 2018
Class Test-I (CT-I) — January 20th to 25th, 2018
Republic Day — January 26th, 2018
Sports — January 26th to, February 1st, 2018

Academic Days:26

February-2018

M	T	W	T	F	S	S	Week
		1	2	3	4		VII
5	6	7	8	9	10	11	VIII
12	13	14	15	16	17	18	IX
19	20	21	22	23	24	25	X
26	27	28					

Annual Gathering — February 2nd to 3rd, 2018
Parents Meet — February 4th, 2018
Results Analysis-CT-I — February 5th, 2018
Review of Feedback-I — February 10th, 2018
Alumni Meet — February 17th, 2018
Chatrapati Shivaji Maharaj Jayanti — February 19th, 2018
Mid Term Test(MT) — February 22nd to 24th, 2018
Innovation — February 28th, 2018

Academic Days:23

March-2018

M	T	W	T	F	S	S	Week
			1	2	3	4	XI
5	6	7	8	9	10	11	XII
12	13	14	15	16	17	18	XIII
19	20	21	22	23	24	25	XIV
26	27	28	29	30	31		

Result Analysis-MT — March 3rd, 2018
Rangpanchami — March 6th, 2018
Feedback-II — March 12th to 17th, 2018
Gudi Padwa — March 18th, 2018
Review of Feedback-II — March 24th, 2018
Ram Navami — March 25th, 2018
Class Test-II(CT-II) — March 26th to 31st, 2018
Mahavir Jayanti — March 29th, 2018
Good Friday — March 30th, 2018
Dnyanada Publication — March 31st, 2018

Academic Days:26

April-2018

M	T	W	T	F	S	S	Week
						1	XV
2	3	4	5	6	7	8	XVI
9	10	11	12	13	14	15	XVII
16	17	18	19	20	21	22	XVIII
23	24	25	26	27	28	29	XIX
30							

Results Analysis-CT-II — April 7th, 2018
Conclusion of Teaching — April 7th, 2018
Ambedkar Jayanti — April 14th, 2018
Tentative Period of University Oral Exam — April 16th, 2018 onwards
Boudha Poornima — April 30th, 2018

Academic Days:06

May-2018

M	T	W	T	F	S	S	Week
	1	2	3	4	5	6	XX
7	8	9	10	11	12	13	XXI
14	15	16	17	18	19	20	XXII
21	22	23	24	25	26	27	XXIII
28	29	30	31				

Maharashtra Day — May 1st, 2018
End of Semester — May 12th, 2018
Tentative Period of University Theory Exam — May 14th, 2018 onwards

Total Working Weeks: 16

Number of working days: 92

Dean Academics   Principal   Executive Director

Faculty Feedback Summary

Academic Year: 2017-18   Sem: Even

Sr. No	Branch	Theory			Practical		
		Total Sub/Faculty	Above 9 feedback	Less than 7 feedback	Total Batch/Faculty	Above 9 feedback	Less than 7 feedback
1.	Mechanical Engineering	50	21	0	229	113	07
2.	E & Tc	28	7	0	85	24	0
3.	Information Technology	18	15	0	15	15	0
4.	Computer Sciences and	18	02	0	60	13	02
5.	Electrical Engineering	16	9	0	44	21	0
6.	Automobile Engineering	15	05	03	68	18	03
7.	Civil Engineering	15	04	0	51	17	05
8.	Aeronautical Engineering	17	02	02	58	10	09
9.	Mech. & Auto.Engg.	11	08	00	16	10	00
10	Basic Science	60	19	06	234	74	10
	Total	**248**	**92(37.09%)**	**11(4.43%)**	**860**	**315(36.62%)**	**36(1%)**

Theory	Total subject:	Feedback above 9:	Feedback between 7 to 9:	Feedback less than 7: 11(3.41%)
Practical	Total subject:	Feedback above 9: 315(36.62%)	Feedback between 7 to 9:	Feedback less than 7: 36 (4.18%)