NAAC AQAR 2016-17

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

2016-17 (Period: July 1st, 2016 to June 30th, 2017)

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. A. M. Mulla

Tel. No. with STD Code:

02342 241106

Mobile:

08600339786

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/AQAR201617.pdf

For ex. http://www.ladykeanecollege.edu.in/AQAR201213.doc

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*)

2016-17

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   09/09/2016   (DD/MM/YYYY)4

1.9 Institutional Status

University   State $\checkmark$ Central ☐   Deemed ☐   Private ☐

Affiliated College   Yes $\checkmark$ No ☐

Constituent College   Yes ☐   No $\checkmark$

Autonomous college of UGC   Yes $\checkmark$ No ☐

Regulatory Agency approved Institution   Yes $\checkmark$ No ☐

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

Type of Institution   Co-education $\checkmark$ Men ☐   Women ☐

Urban ☐   Rural ☐   Tribal ☐

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

Grant-in-aid + Self Financing ☐   Totally Self-financing $\checkmark$

1.10 Type of Faculty/Programme

Arts ☐   Science ☐   Commerce ☐   Law ☐   PEI (Phys Edu) ☐

TEI (Edu) ☐   Engineering $\checkmark$ 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

Autonomy by University,
Ref No: SU/Affiliation/T-2/Autonomy/No2028
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   Nil

2.4 No. of Management representatives   01

2.5 No. of Alumni   01

2. 6 No. of any other stakeholder and

     community representatives   01

2.7 No. of Employers/ Industrialists   01

2.8 No. of other External Experts   Nil

2.9 Total No. of members   16

2.10 No. of IQAC meetings held   06

2.11 No. of meetings with various stakeholders: No.   01   Faculty   193

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. | 02 | International ☐   National ☐   State ☐   Institution Level | 02 |

   (ii) Themes

   | Performance Based Appraisal System (PBAS) Workshop on Moodle-Open source software |

2.14 Significant Activities and contributions made by IQAC

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

8. Defined the Objectives for Management, Principal, Head of Departments, Faculty etc

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 Prepared Autonomy rules and regulations of Institute	Autonomy rules and regulations of Institute are ready.
To organized orientation program for faculty: Autonomy rules and regulations	Organized orientation program for faculty: Autonomy rules and regulations in July 22, 2017
To change the ISO standard from ISO 9001:2008 to ISO 9001:2015	ISO 9001:2015 processes is defined for the Academic year 2017-18
To Defined the Objectives for various process Owens	Objectives of Management, Principal, Head of Departments, Faculty, Library, Laboratory is defined
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 vides ISO 9001:2015.	Upgradation of the quality standard to meet the requirements of NAAC. Re registration audit scheduled in the month of September 2017
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	05	---	---	---
UG	07	---	---	---
PG Diploma	---	---	---	---
Advanced Diploma	---	---	---	---
Diploma	---	---	---	---
Certificate	---	---	---	---
Others	---	---	---	---
Total	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

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.

For the Academic year 2017-18 institute got an Autonomous status, so we frame the F. Y. B. Tech. and F. Y .M. Tech. Curriculum of institute under autonomy. For second year to Final year programs as institute is affiliated to a 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
101	95	01	05	---

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
106	--	28	--	14	--	--	--	148	--

2.4 No. of Guest and Visiting faculty and Temporary faculty   Nil   Nil   Nil

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	28	16	Nil
Presented papers	45	03	Nil
Resource Persons	01	02	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. NPTEL Lectures

5. Industrial Visits

6. Extra coaching for academically weak and bright learners

7. Continues Assessment scheme (CAS) for laboratory work

8. Demo lectures for all faculty on Saturday-Pedagogical Initiatives

2.7 Total No. of actual teaching days

during this academic year

Sem-I: 86   Sem-II: 86   Total: 172

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

40	12	03

2.10 Average percentage of attendance of students

77.04

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	250	10.4	34.4	32	2.8	79.6
Electronic and Telecommunication	73	76.71	16.43	--	--	93.15
Computer Sciences and Engineering	82	89.02	6.1	--	--	95.12
Electrical Engineering	82	79.26	13.41	0.1	--	92.77
Civil Engineering	94	55.32	31.92	9.57	-	96.80
Automobile Engineering	78	6.41	47.44	29.49	--	83.33
Aeronautical Engineering	31	90.3	3.2	6.4	--	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

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	05
UGC – Faculty Improvement Programme	Nil
HRD programmes	01
Orientation programmes	42
Faculty exchange programme	Nil
Staff training conducted by the university	02
Staff training conducted by other institutions	56
Summer / Winter schools, Workshops, etc.	230
Others	Nil

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	12	---	---	11
Technical Staff	23	---	---	42

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	75	Nil	Nil
Non-Peer Review Journals	24	Nil	Nil
e-Journals	23	Nil	Nil
Conference proceedings	50	11	Nil

3.5 Details on Impact factor of publications:

Range 0.22-9.30   Average 3.4   h-index 9.74   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	--	--	--	--
Projects sponsored by the University/ College	--	--	--	--
Students research projects *(other than compulsory by the University)*	--	--	--	--
Any other(Specify)	--	--	--	--
Total	--	--	--	--

3.7 No. of books published   i) With ISBN No.   03   Chapters in Edited Books   Nil

　　　　　　　　　　　　　　ii) Without ISBN No.   01   　　　　　　　Nil

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   10,05,532/-

3.11 No. of conferences organized by the institution

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

3.12 No. of faculty served as experts, chairpersons or resource persons   18

3.13 No. of collaborations   International   Nil   National   12   Any other   Nil

3.14 No. of linkages created during this year   55

3.15 Total budget for research for current year in lakhs:

From funding agency | 10 | From Management of University/College | 15

Total | 25

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	12
	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	Nil

3.18 No. of faculty from the Institution
      who are Ph. D. Guides | 4
      and students registered under them | 10

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 | Nil | 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	Nil	College forum	Nil		
NCC	Nil	NSS	Nil	Any other	Nil

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

- Under Runanubandh 200 Rakhi's were sent to Soldiers
- Blood Donation camp : 12th July 2016
- Cleanliness Programme: 02nd October 2016
- Daksh Nagrik Satark Police 23rd August 2016
- Tree plantation 1st July 2016

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	--	--	47
Laboratories	86	--	--	86
Seminar Halls	08	--	--	08
No. of important equipments purchased ($\geq$ 1-0 lakh) during the current year.	--	--	--	--
Value of the equipment purchased during the year (Rs. in Lakhs)	101815325/-	11091965/-	Students Fee	112907293/-
Others (Exam Section)	--	10	--	10

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	36,151	1,08,74,521	1777	4,85,294	37,928	1,13,59,815
Reference Books	2111	46,77,198	120	4,65,175	2,231	51,42,373
e-Books	9,703	21,02,954	23	2,80,757	9,726	23,83,711
Journals	41	1,04,469	43	97,800	--	--
e-Journals	574	14,92,590	308	9,62,328	--	--
Digital Database	--	--	--	--	--	--
CD & Video	65 & NPTEL 4000 Lectures	3,40,750	NPTEL 6000 Lectures	23,696	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	914	39	40Mbps	04	1	1	--	--
Added	20	04	60 Mbps	06	--	--	--	--
Total	934	43	100 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 departments 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.Add-on course are conducted for students
>
> 6. Moodle Software training for faculty members during 17/04/2017 to 27/04/2017

4.6 Amount spent on maintenance in lakhs :

   i)   ICT (Computer)   1236681/-

   ii) Campus Infrastructure and facilities   3076166/-

   iii) Equipments   115869/-

   iv) Others   245797/-

                        Total :   4674513/-

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 2017

4. Curriculum information through academic booklet

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, 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
2625	99	---	---

   (b) No. of students outside the state

03

   (c) No. of international students

Nil

Men

No	%
1876	68.86

Women

No	%
848	31.13

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1984	242	5	493	Nil	2724	--	--	--	--	--	--

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.

No. of students beneficiaries

75

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 [02]

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 | 2625

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
39	470	350	105

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 | 32 | National level | 11 | International level | Nil

No. of students participated in cultural events

State/ University level | 02 | National level | 01 | International level | Nil

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

Sports : State/ University level | 10 | National level | 01 | International level | Nil

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

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	50	271000/-
Financial support from government	1602	76251722/-
Financial support from other sources	--	--
Number of students who received International/ National recognitions	--	--

5.11   Student organised / initiatives

Fairs   : State/ University level   01   National level   Nil   International level   Nil

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

5.12   No. of social initiatives undertaken by the students   21

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

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.- 12 faculty
2. More than 180 papers were published in International and National reputed journals
3. More than 200 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. 04 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 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	Insurance, Scholarship

6.5 Total corpus fund generated   3000000/-

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?

> 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

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 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 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 made available on institute website

- Industry Knowledge Sheering Projects

- Students Professional Chapters like IEI, ISHRE, SRESA, ISNT etc

- 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 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.
- Counselling 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

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 81th 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
- Pollution Unser Control (PUC) checkup camp on 10th March 2017
- Archaeological Fort cleanliness program on 20th February 2017
- 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
- ISO 9001:2015 certification

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

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Academic Calendar :2016-17 - Odd Semester

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

ACADEMIC CALENDER 2016-17 (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	19	I
20	21	22	23	24	25	26	II
27	28	29	30				

Commencement of Semester For SE to BE	June 13th, 2016

Academic Days:16

July

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

Ramzan Eid	July 6th, 2016
Class Test: I(CT-I)	July 18th to 23rd ,2016
Faculty Feedback-I	July 11th to 16th ,2016
Institute Foundation Day	July 24th, 2016
Evaluation of CT-I	July 30th, 2016
Review of Feedback-I	July 30th, 2016

Academic Days:25

August

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

Mid Term Test (MT)	August 11th to 13th , 2016
Independence Day	August 15th, 2016
Evaluation of MT	August 20th , 2016
Discovery 2K16	August 27th, 2016

Academic Days:26

September

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

Teachers Day	September 5th, 2016
Ganesh Chaturthi	
Class Test: II (CT-II)	September12th to17th,2016
Faculty Feedback- II	September12th to17th,2016
Bakri Eid	September 13th, 2016
Engineers Day	September 15th, 2016
Evaluation of CT-II	September 24th ,2016
Academic Term End	September 24th , 2016
Review of Feedback-II	September 30th ,2016

Academic Days:19

October

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

Gandhi Jayanti	October 2nd , 2016
Dasara	October 11th , 2016
ASR Olympiad	October 15th , 2016
Diwali Laxmi Pujan	October 30th , 2016
Diwali Balipratipada	October 31st , 2016
Tentative period of SUK practical/Oral Exam	October 1st , 2016 onwards
Tentative period of SUK Theory Exam	October 15th , 2016 to November 15th , 2016

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
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 :2016-17 - Even Semester

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

ACADEMIC CALENDAR 2016-17 (EVEN SEMESTER)

December-2016

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	
19	20	21	22	23	24	25	
26	27	28	29	30	31		I

Eid-E-Milad	December 12th , 2016
Christmas	December 25th , 2016
Sports	December 18th to 22nd , 2016
Annual Gathering	December 23rd -24th , 2016
Commencement of Teaching	December 26th , 2016

January-2017

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

Sanstha Sneha Melava	January 19th , 2017
Parents Meet	January 22nd , 2017
Republic Day	January 26th , 2017
Class Test-I (CT-I)	January 30th to February 4th , 2017
Skill Assessment	January 31st , 2017

February-2017

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

Feedback-I	February 6th to 11th , 2017
Results Analysis-CT-I	February 11th , 2017
Alumni Meet	February 12th , 2017
Mid Term Test(MT)	February 16th to 18th , 2017
Chatrapati Shivaji Maharaj Jayanti	February 19th , 2017
Review of Feedback-I	February 25th , 2017
Result Analysis-MT	February 25th , 2017
Discovery, Innovation	February 28th , 2017
Skill assessment	February 28th , 2017

March-2017

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

Feedback-II	March 13th to 18th , 2017
Rangpanchami	March 17th , 2017
Class Test-II(CT-II)	March 20th to 25th , 2017
Review of Feedback-II	March 25th , 2017
Dnyanada Publication	March 25th , 2017
Gudi Padwa	March 28th , 2017
Skill Assessment	March 31st , 2017

April-2017

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

Results Analysis-CT-II	April 1st , 2017
Ram Navami	April 4th , 2017
Conclusion of Teaching	April 8th , 2017
Mahavir Jayanti	April 9th , 2017
Ambedkar Jayanti	April 14th , 2017
Good Friday	April 14th , 2017
Tentative Period of University Oral Exam	April 15th , 2017 onwards
Skill assessment	April 29th , 2017

May-2017

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

Maharashtra Day	May 1st ,2017
Boudha Poornima	May 10th , 2017
Tentative Period of University Theory Exam	May 16th ,2017 onwards
End of Semester	May 16th , 2017

Total Working Weeks: 15

Number of working days: 86

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

Feedback Analysis

Sant Dnyaneshwar Shikshan Santha's
Annasaheb Dange College of Engineering and Technology
Ashta; Tal: Walwa; Dist: Sangli; India 416 301

Faculty Feedback Summary

Academic Year: 2016-17   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	A B C T / 18 18 15 51	A B C T / 8 12 6 26	A B C T / 3 0 2 5	A B C T / 67 69 76 212	A B C T / 14 37 35 86	A B C T / 1 0 5 6
2.	E & Tc	R S T / 16 16 32	R S T / 5 4 9	R S T / 0 2 2	R S T / 52 44 96	R S T / 20 22 42	R S T / 0 3 3
3.	Information Technology	18	9	01	08	04	02
4.	Computer Sciences and Engineering	18	03	04	52	06	08
5.	Electrical Engineering	16	08	00	52	29	01
6.	Automobile Engineering	17	10	00	72	35	07
7.	Civil Engineering	16	09	00	52	26	01

Sant Dnyaneshwar Shikshan Santha's
Annasaheb Dange College of Engineering and Technology
Ashta; Tal: Walwa; Dist: Sangli; India 416 301

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
8.	Aeronautical Engineering	17	02	04	43	09	02
9.	Mech. & Auto.Engg.	17	05	03	30	07	09
10.	Basic Science	A B C D E / 7 7 7 7 7 / F G H I J / 7 7 7 7 7 / **70**	A B C D E / 4 5 2 7 4 / F G H I J / 5 5 2 3 5 / **42**	A B C D E / 0 0 0 0 0 / F G H I J / 0 0 1 0 0 / **01**	A B C D / 21each / E F G H / 21 each / **420**	A B C D E / 16 13 6 21 10 / F G H I J / 16 18 8 15 12 / **135**	A B C D E / 0 0 1 0 2 / F G H I J / 0 0 0 1 1 / **05**
	Total	272	123(45 %)	20(07%)	1,037	379(36%)	44(04%)

Theory	Total subject: 272	Feedback above 9: 123 (45 %)	Feedback between 7 to 9: 129(47.42%)	Feedback less than 7: 20(07%) 15(6%)
Practical	Total subject: 1,037	Feedback above 9: 379(36%)	Feedback between 7 to 9: 614(59.20%)	Feedback less than 7: 44(04%)