Internal Quality Assurance Cell (IQAC)

Aditya College of Engineering and Technology
Surampalem, East Godavari District

Annual Quality Assurance Report
2016-17
Submitted to

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission
P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

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The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

1. Details of the Institution

1.1 Name of the Institution

1.2 Address Line 1

Address Line 2

City/Town

State

Pin Code

Institution e-mail address

Contact Nos.

Name of the Head of the Institution:

Tel. No. with STD Code:

Mobile:

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID

1.4 Website address:

Web-link of the AQAR:

1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B	2.68	2016	10 July 2021

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

1.7 AQAR for the year

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)*
                                        Not Applicable

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

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

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

      Autonomy by State/Central Govt. / University

      University with Potential for Excellence   UGC-CPE

      DST Star Scheme   UGC-CE

      UGC-Special Assistance Programme   DST-FIST

      UGC-Innovative PG programmes   Any other

      UGC-COP Programmes
      2. IQAC Composition and Activities
2.1 No. of Teachers
2.2 No. of Administrative/Technical staff
2.3 No. of students
2.4 No. of Management representatives
2.5 No. of Alumni
2. 6 No. of any other stakeholder and
      community representatives
2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts
2.9 Total No. of members
2.10 No. of IQAC meetings held

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

          Non-Teaching Staff Students   Alumni   Others

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

2.14 Significant Activities and contributions made by IQAC

2.15 Plan of Action by IQAC/Outcome

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

Plan of Action	Achievements
To encourage faculty participation in seminar, workshop and conference.	Many Faculty members attended faculty development programs to enhance their domain expertise and knowledge of latest trends.
To provide need based Teaching	Additional revision lectures and practical sessions are conducted. Support from expert guest faculty from industry and academia is taken and guest lectures are arranged.
Planned for NBA	Preparing Application
Establishment of T-hub, Training Department	T-hub has been started.

2.15   Whether the AQAR was placed in statutory body   Yes   No ☑
Management   Syndicate   Any other body

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	08		08	
UG	06		06	
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others(MBA, MCA, MBA(I))	02		02	
Total	16		16	

Interdisciplinary	-	-	--	-
Innovative	-		-	-

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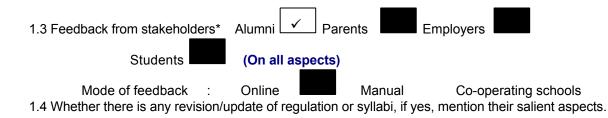   (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	16
Trimester	--
Annual	--

1.3 Feedback from stakeholders*   Alumni ☑ Parents ⬛ Employers ⬛

Students ⬛ **(On all aspects)**

Mode of feedback   :   Online ⬛   Manual   Co-operating schools

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

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

Criterion – II
2. Teaching, Learning and Evaluation

Total	Asst. Professors	Associate Professors	Professors	Others
277	161	75	41	--

2.1 Total No. of permanent faculty

2.2 No. of permanent faculty with Ph.D.

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
34	0	11	0	6	0	--	--	51	0

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

2.4 No. of Guest and Visiting faculty and Temporary faculty

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	5	5	-
Presented papers	31	8	-
Resource Persons	-	2	-

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

2.7   Total No. of actual teaching days
       during this academic year
2.8   Examination/ Evaluation Reforms initiated by
       the Institution (for example: Open Book Examination, Bar Coding,
       Double Valuation, Photocopy, Online Multiple Choice Questions)

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

2.10 Average percentage of attendance of students

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
CIVIL (2013-17)	72	26.39	54.16	0.00	0.00	80.55
EEE (2013-17)	121	28.92	47.11	0.00	0.00	76.03
ME (2013-17)	210	28.57	50.47	0.00	0.00	79.04
ECE (2013-17)	204	39.11	49.22	0.00	0.00	83.33
CSE (2013-17)	113	28.31	50.45	0.00	0.00	78.76
IT (2013-17)	-	-	-	-	-	-
MBA (2015-17)	56	51.78	25	0.00	0.00	76.78
MCA (2014-17)	07	57.14	14.28	0.00	0.00	71.42
M. Tech(CSE) (2015-17)	06	50	33.33	0.00	0.00	83.33
M. Tech(PE) (2015-17)	04	50	25	0.00	0.00	75
M. Tech(CAD/ CAM) (2015-17)	05	60	20	0.00	0.00	80
M. Tech(TE) (2015-17)	15	60	13.33	0.00	0.00	73.33
M. Tech(STUR. E) (2015-17)	11	54.54	18.18	0.00	0.00	72.72
M. Tech(ES) (2015-17)	14	57.14	21.43	0.00	0.00	78.57
M. Tech(VLSI) (2015-17)	02	100	0.00	0.00	0.00	100
M. Tech(CS) (2015-17)	01	100	0.00	0.00	0.00	100

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :
Periodic meetings with HODs are conducted and mechanisms are evolved to implement feedback collection on teaching, planning for remedial classes, seminars in class rooms, conduct SDCs.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	18
UGC – Faculty Improvement Programme	1
HRD programmes	0
Orientation programmes	5
Faculty exchange programme	0
Staff training conducted by the university	6
Staff training conducted by other institutions	50
Summer / Winter schools, Workshops, etc.	45

		FDP-6 SET-1 Ph.D Registered-2 Ph.D awarded-1 Guest lecture-1 Training Program conducted-1
Others		

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	233	--	15	--
Technical Staff	113	--	8	--

3. Research, Consultancy and Extension
3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

3.2. Details regarding major projects

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

3.3. Details regarding minor projects

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

3.4. Details on research publications

	International	National	Others
Peer Review Journals	35	1	--
Non-Peer Review Journals	3	--	--
e-Journals	27	--	--
Conference proceedings	14	7	--

3.5 Details on Impact factor of publications:
     Range   Average   h-index   Nos. in SCOPUS
3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	--	--	--	--
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.   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

Level	International	National	State	University	College
Number					
Sponsoring agencies					

3.11 No. of conferences organized by the Institution

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	--
	Granted	--
International	Applied	--
	Granted	--
Commercialised	Applied	--
	Granted	--

3.17 No. of research awards/ recognitions   received by faculty and research fellows

Total	International	National	State	University	Dist	College
04	01	03	--	--	--	--

   Of the institute in the year

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

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

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)
         JRF   SRF   Project Fellows   Any other

3.21 No. of students Participated in NSS events:
             University level   State level
                       National level   International level

3.22 No. of students participated in NCC events:
             University level   State level
                       National level   International level

3.23 No. of Awards won in NSS:
             University level   State level
                       National level   International level

3.24 No. of Awards won in NCC:
             University level   State level
                       National level   International level

3.25 No. of Extension activities organized
        University forum   College forum
          NCC   NSS   Any other

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility
Digital Currency Campaign by the students
Plantation at Surampalem.
Blood donation camp at the Campus

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	30,622 m2	00		30,622 m2
Class rooms	62	00		62
Laboratories	92	00		92
Seminar Halls	05	--		05
No. of equipments purchased (≥ 1 lakh) during the current year.			Self Finance	
Value of the equipment purchased during the year (Rs. in Lakhs)				
Others				

4.2 Computerization of administration and library

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value (Rs. Lakhs)	No.	Value (Rs. Lakhs)	No.	Value (Rs. Lakhs)
Text Books	43503	1.42Cr	453	1.38lakh	43956	1.43Cr
Reference Books	5618		18		5636	
e-Books	-	-	-	-	-	-
Journals	54	93,450	8	9400	62	1.03lak
e-Journals	Delnet	11,500				
Digital Database						

CD & Video	1197		37		1234	
Others (specify)	NPTEL Lectures				NPTEL Lectures	

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	1195	12	Yes	02	01	01	All	--
Added	60	--	--	--	--	--	--	--
Total	1255	12	Yes	02	01	01	All	--

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

4.6 Amount spent on maintenance in lakhs :
   i) ICT

   ii) Campus Infrastructure and facilities

   iii) Equipments

   iv) Others

       Total :

Criterion – V
5. Student Support and Progression
5.1 Contribution of IQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the institution for tracking the progression

UG	PG	Ph. D.	Others
2994	233		

5.3 (a) Total Number of students

(b) No. of students outside the state

(c) No. of international students

No	%
2299	71.08

No	%
935	28.91

Men   Women

Last Year (2015-16)						This Year (2016-17)					
General	SC	ST	OBC	Others	Total	General	SC	ST	OBC	Others	Total
2062	143	8	1113	--	3326	1899	73	7	1015	--	2994

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

No. of students beneficiaries

5.5 No. of students qualified in these examinations
NET   SET/SLET   GATE   CAT
IAS/IPS etc   State PSC   UPSC   Others

5.6 Details of student counselling and career guidance

No. of students benefitted

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
49	432	121	25

5.8 Details of gender sensitization programmes

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 (Rs. Lakhs)
Financial support from institution		
Financial support from government	2340	834.5
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

6.2 Does the Institution has a management Information System

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

6.3.2 Teaching and Learning

6.3.3 Examination and Evaluation

6.3.4 Research and Development

6.3.5 Library, ICT and physical infrastructure / instrumentation

6.3.6 Human Resource Management

6.3.7 Faculty and Staff recruitment

6.3.8 Industry Interaction / Collaboration

6.3.9 Admission of Students

Teaching	Group Insurance, Provident Fund
Non teaching	Free Transport, Free Education for Wards, Canteen facility at subsidized price.
Students	Scholarships to meritorious students Medical Facility in the campus.

6.4 Welfare schemes for

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	No		Yes	Academic Audit committee headed by the Principal
Administrative	No			No

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

        For UG Programmes   Yes   No

        For PG Programmes   Yes   No

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

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

6.11 Activities and support from the Alumni Association

6.12 Activities and support from the Parent – Teacher Association

6.13 Development programmes for support staff

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

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.

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

Activity Planned	Status of Activity / Action Taken
Academic Schedule	Implemented as per the schedule
Course Delivery	Completed as per the lecture schedule
Workshops/Seminars/ Guest Lectures/ Training Programs	Conducted as per the proposal
Sending Applications for Research Funding	Proposals are submitted in the prescribed format of the concerned National Funding Agencies.
Applying NBA	Proposed to submit

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

7.4 Contribution to environmental awareness / protection

7.5 Whether environmental audit was conducted?　　Yes　　　No　　☑

7.6 Any other relevant information the institution wishes to add.

8. Plans of institution for next year

Name : Dr. R.V.S. Lalitha　　　　　　　　　　　*Name : Dr. T.K.Rama Krishna Rao*

Signature of the Coordinator, IQAC　　　　　　　　*Signature of the Chairperson, IQAC*

***

IQAC Committee Constituted for the Year 2017-18

Chairman
Dr. T. K. Rama Krishna Rao, Principal.
 Coordinator
Dr. R. V. S. Lalitha, Professor, Department of CSE.
 Members
Mr. V. V. Subba Rao, Associate Professor, Department of IT,
Dr. K.V.S.R Murthy, Professor, Dept of EEE,
Mirs. R. Sailaja, Associate Professor, CSE,
Mr. P. Sridhar, Associate Professor, Dept of EEE,
Mr. D. Kishore, Associate Professor, Dept of ECE
Miss. R. Gayatri Devi, Assistant Professor, Dept of ME.
 Mrs. K. S. B. Ambica, Assistant Professor, Dept of CSE