

Internal Quality Assurance Cell (IQAC)

Aditya Engineering College

Surampalem, East Godvri District



Annual Quality Assurance Report

2017-18

Submitted to



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

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

ADITYA ENGINEERING COLLEGE

1.2 Address Line 1

Aditya Nagar, ADB Road,

Address Line 2

Surampalem, Gandepally
Mandal,

City/Town

East Godavari District

State

Andhra Pradesh

Pin Code

533437

Institution e-mail address

www.aec.edu.in

Contact Nos.

08852 252243

Name of the Head of the Institution

Dr. M. Sreenivasa Reddy

Tel. No. with STD Code:

9949876662

Mobile:

9866576662

Name of the IQAC Co-ordinator:

Dr. K. V. S. Ramachandra Murthy

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	1 st Cycle	A	3.11	2015	2020

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 2010-11 submitted to NAAC on 12-10-2011*)

AQAR 2015-16 submitted on 20 January, 2017

AQAR 2016-17 submitted on 06 March, 2018

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*)

Jawaharlal Nehru Technological
University Kakinada

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

Autonomy by State/Central Govt. / University JNTUK, Kakinada

University with Potential for Excellence UGC-CPE

DST Star Scheme UGC-CE

UGC-Special Assistance Programme DST-FIST

UGC-Innovative PG programmes Any other SIRO by DSIR

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="10"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="01"/>
2.3 No. of students	<input type="text" value="01"/>
2.4 No. of Management representatives	<input type="text" value="01"/>
2.5 No. of Alumni	<input type="text" value="01"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="01"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="01"/>
2.8 No. of other External Experts	<input type="text" value="01"/>
2.9 Total No. of members	<input type="text" value="17"/>
2.10 No. of IQAC meetings held	<input type="text" value="06"/>
2.11 No. of meetings with various stakeholders:	No. <input type="text" value="06"/> Faculty <input type="text" value="02"/> Non-Teaching Staff/ Students <input type="text" value="02"/> Alumni <input type="text" value="01"/> Others <input type="text" value="01 (Parents)"/>
2.12 Has IQAC received any funding from UGC during the year?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

If yes, mention the amount -----

2.13 Seminars and Conferences (only quality related)	<input type="text" value="04"/>
--	---------------------------------

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

Total Nos.	<input type="text" value="04"/>	International	<input type="text"/>	National	<input type="text"/>	State	<input type="text" value="02"/>	Institution Level	<input type="text" value="02"/>
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(ii) Themes

- | |
|---|
| <ol style="list-style-type: none"> 1. Writing proposals for funding agencies 2. Research Incubation |
|---|

2.14 Significant Activities and contributions made by IQAC

Based on the recommendations of the IQAC, Technical hub started new courses on IOT, Cloud Computing, Big Data and Project fund given by management is utilized by more number of students. Students participated in National Level events like Efficycle and Baja. Many students are participating in innovative projects. Both students and faculty are working on incubation.

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
Planned for Research Incubation	College has made MOU with CL Educate and Research Incubation process has started with 290 students of ECE and 120 students of EEE.
Proposed new training programs for T-hub. (Robotics, Drone Piloting, 3 D Printing, Robotic process automation, 2D and 3D gaming, Python, IOT, iOS App Development, Virtual Reality and Augmented Reality, Cyber Security, Big Data, Sales Force, SAP, CCENT, CCNA, Red Hat – System Administrator)	All the new courses have been offered to interested students. More than 1250 students have participated in these programs.
Certification programs offered by the College	250 Students appeared for certification programs in Microsoft – MTA. For Cisco – 110 students and for Red Hat – 30 students are going to appear for Certification Examination in December, 2018
Internship for students was suggested by IQAC	Every month Rs. 5000/- is offered to 10 students. 07 students of IV B Tech are pursuing Internship.
Suggested Training programs at Skill Development Program (APSDC)	Under APSSDC, more than 800 students were trained.

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

The IQAC meets regularly to discuss on various issues relating to teaching learning process, Research & Development, Placements, Curriculum updates/revisions. The plans of the IQAC are submitted to the Principal, who in turn shares with all the Heads of the departments for taking appropriate action.

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	09		09	
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others(MBA, MCA, MBA(I))	03		03	
Total	20		20	
Interdisciplinary	-	-	--	-
Innovative	-		-	-

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

ELECTIVE OPTION

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	20
Trimester	
Annual	

1.3 Feedback from stakeholders* Alumni Parents Employers Students

Mode of feedback : Online Manual Co-operating

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

1. AEC has become autonomous from March, 2017 onwards. Hence, made its own curriculum.
2. Fifteen Boards of Studies have been constituted. Academic Council constituted with 28 Members out of which experts are invited from IISc, IITs and Deemed Universities, and JNTUK.
3. All the Boards of Studies are formed with experts from IITs, NITs and Premier Institutes.
4. Syllabus for B. Tech V, VI VII and VIII Sem is yet to be approved by BOS and Academic

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
350	223	76	49	--

2.2 No. of permanent faculty with Ph.D.

49

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
19	-	4	--	3	-	-	-	26	00

2.4 No. of Guest and Visiting faculty and Temporary faculty

01

00

--

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	48	26	09
Presented papers	47	23	08
Resource Persons		09	

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

1. Research Incubation Process started in the Campus.
2. Students are encouraged to carry out Projects from B. Tech 2nd Year onwards.

2.7 Total No. of actual teaching days during this academic year 2017-18

182

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

Bar Coding, Online Examination.

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

345

2.10 Average percentage of attendance of students

79

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction	I	II	III	Pass Percentage
CIVIL (2014-18)	151	45.70	25.17	-	-	70.86
EEE (2014-18)	127	37.01	22.83	0.79	-	60.63
ME (2014-18)	224	38.84	21.43	0.89	-	61.16
ECE (2014-18)	266	47.74	24.44	0.38	-	72.56
CSE (2014-18)	186	52.15	16.13	-	-	68.28
IT (2014-18)	40	37.50	25.00	-	-	62.50
PT (2014-18)	55	23.64	40.00	-	-	63.64
Mi.E (2014-18)	37	21.62	18.92	-	-	40.54
Ag.E (2014-18)	33	18.18	27.27	-	-	45.45
MBA (2016-18)	56	32.14	55.36	1.79	-	89.29
MCA (2015-18)	36	50.00	41.67	-	-	91.67
M. Tech (VLSID) (2016-18)	03	66.67	-	-	-	66.67
M. Tech(ES) (2016-18)	06	16.67	16.67	-	-	33.33
M. Tech (CSE)(2016-18)	05	40.00	-	-	-	40.00
M. Tech(PED) (2016-18)	05	20.00	20.00	-	-	40.00
M. Tech (TE) (2016-18)	05	20.00	-	-	-	20.00
M. Tech(PT) (2016-18)	03	33.33	66.67	-	-	100.00
M. Tech (STE) (2016-18)	04	25.00	-	-	-	25.00

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

Periodic meetings with HODs are conducted and mechanisms are evolved to take feedback on teaching, planning for remedial classes for failure students, seminars in class rooms, conduct SDCs, Make up classes are arranged for slow learners.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	04
UGC – Faculty Improvement Programme	32
HRD programmes	02
Orientation programmes	05
Faculty exchange programme	00
Staff training conducted by the university	12
Staff training conducted by other institutions	07
Summer / Winter schools, Workshops, etc.	125
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	159	--	10	--
Technical Staff	118	--	17	--

Criterion – III

3. Research, Consultancy and Extension

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

1. Research incubation is started in the Campus for 2017-18 admitted students.
2. One hour every week is introduced in the Time Table for Research Incubation.
3. Financial support is given by Management to invite Mentors from Premier Institutes.
4. Sanction additional leaves to meet the Research Guides for discussions.

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	83	13	--
Non-Peer Review Journals	--	--	--
e-Journals	--	--	--
Conference proceedings	53	27	--

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 <i>(other than compulsory by the University)</i>	--	--	--	--
Any other(Specify)	--	--	--	--
Total	--	--	--	--

3.7 No. of books published i) With ISBN No. Chapters in Edited Books
 ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

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

3.9 For colleges

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

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number				01	01
Sponsoring agencies				Aditya Engineering College	Aditya Engineering College

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

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	--
	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
03	01	02				

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

National level State 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
- Swacha Bharat Campaign
- Aadhar Awareness program.
- Open defecation free campaign in the villages
- Awareness program on State Government Welfare Schemes.

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	45,222 m ²	150 m ²	Self Finance	45,372 m ²
Class rooms	85	00		80
Laboratories	130	02		132
Seminar Halls	18	--		18
No. of equipments purchased (\geq 1 lakh) during the current year.	33	26		59
Value of the equipment purchased during the year (Rs. in Lakhs)	864	305		864
Others				

4.2 Computerization of administration and library

YES

4.3 Library services:

	Existing (16-17 ending)		Newly added (in the year 17-18)		Total End of 17-18	
	No.	Value (Rs. Lakhs)	No.	Value (Rs. Lakhs)	No.	Value (Rs. Lakhs)
Text Books	55,489	192.32	501	3.5	55,990	195.82
Reference Books	22,347	83.32	692	4.5	23,039	87.82
e-Books	200		65		265	
Journals	103	4.06	--	--	103	4.06
e-Journals	2000	11	--	--	2000	11
Digital Database	03					
CD & Video	2300		200		2500	
Others (specify)	NPTEL Lectures			NPTEL Lectures		

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1320	14		02	01	01	All	--
Added	115	01	Yes	--		00		--
Total	1435	15		02	01	01	--	--

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

- | |
|--|
| <ol style="list-style-type: none">1. All Lab Technicians were trained during Semester break as a part of skill up-gradation.2. 11 Faculty have attended various workshops for technology upgradation. |
|--|

4.6 Amount spent on maintenance in lakhs :

i) ICT	35 lakhs
ii) Campus Infrastructure and facilities	54 lakhs
iii) Equipments	78 lakhs
iv) Others	25 lakhs
Total :	192 lakhs

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

1. Through Circulars
2. Through SMS
3. Through Notice Boards

5.2 Efforts made by the institution for tracking the progression

1. Through Class Committee meetings
2. Result Analysis after each Semester
3. Through feed back from stake holders and mid marks
4. Feed back from HR people who visit campus for recruitment.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
4530	415		

(b) No. of students outside the state

331

(c) No. of international students

166

Men	No	%	Women	No	%
	3377	68.29		1568	31.71

Last Year (2016-17)						This Year (2017-18)					
General	SC	ST	OBC	Others	Total	General	SC	ST	OBC	Others	Total
2342	690	84	2249	190	5555	2202	615	69	1893	166	4945

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

1. GATE coaching is offered in the Campus.
2. CRT and Soft skills training are offered along with other subjects.
3. Separate Training Department T-Hub offers technical training.

No. of students beneficiaries

1608

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

1. Each Faculty counsels 20 students on regular basis.
2. Career Guidance cell support students by passing information of opportunities.

No. of students benefitted

5.7 Details of campus placement

	<i>On campus</i>		<i>Off Campus</i>	
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed	
72	729	515	19	

5.8 Details of gender sensitization programmes

International Women’s Day Celebrated in the Campus.

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	268	39.6
Financial support from government	2977	1206.00
Financial support from other sources		
Number of students who received International/ National recognitions		

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

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

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION: Achieving academic excellence by providing globally acceptable technical education by forecasting technology through Innovative Research & Development, Industry Institute Interaction, Empowered Manpower

MISSION: To induce higher planes of learning by imparting technical education with,

- International Standardsaa
- Applied Research
- Creative Ability
- Value Based Instruction to emerge as a premier institute.

6.2 Does the Institution has a management Information System

Yes. ECAP software is used for Management Information System.

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

6.3.1 Curriculum Development

1. Syllabus revisions are made once in 3 years by the affiliating university JNTUK,
2. AEC has become autonomous from 2017-18. Hence, curriculam is developed by Board of Studies of each Department.
3. External experts are drawn from IITs and NITs to guide the BOS.
4. Academic Council helps in making the policies.

6.3.2 Teaching and Learning

1. Encouragement of Staff and Students towards Research
2. Guidance to students for getting admission for higher studies.
3. Encouraging students to do mini projects in the concerned subjects
4. Expert lectures to create awareness to students
5. Conduction of Skill Development training programs
6. Periodical evaluation of results of the students in semester end examinations .

6.3.3 Examination and Evaluation

1. As the Institution is affiliated to JNTUK, Kakinada up to 2016-17 batch, the examination/evaluation procedures are governed by the university.
2. For 2017-18 admitted students, exams are conducted by College Examination Section headed by Controller of Exams under the Autonomous system.

6.3.4 Research and Development

- R&D Division is established to give support in terms of guidance for applying projects for funding.
- R&D committee to review and motivate research scholars.
- Incentives for research publications, for attending workshops, conferences and FDPs
- Conducting awareness programs by experts from funding agencies.

6.3.5 Library, ICT and physical infrastructure / instrumentation

➤ Total No. of Titles	: 7163
➤ Total No. of Volumes	: 77,836
➤ Total No. of International Journals	: 2000+
➤ Total No. of Journals	: 65
➤ Magazines	: 25

6.3.6 Human Resource Management

1. Faculty annual assessment by Self Appraisal Performa (SAP)
2. Orientation programme is conducted for new faculty members
3. Support and guidance is provided for carrying research activities, presenting papers in conferences and publishing papers in reputed journals
4. Faculty members are motivated to submit research proposals to various National funding agencies
5. Faculty members are encouraged to obtain higher qualification.
6. Faculty are encouraged to participate in FDPs, Seminars and Workshops Organized by Industries and reputed Institutions

6.3.7 Faculty and Staff recruitment

Vacancies are advertised news papers and the primary recruitment is ratified by the affiliating university after the final selection through interview and the post will be ratified by the affiliating University.

6.3.8 Industry Interaction / Collaboration

AEC has MoU with Infosys Campus Connect, Microsoft Innovation Centre, Global Business Incubation Centre, TCS-ion, ITU, Canada, Adobe Creative Academy, Govt of AP for SDC, Kabul Polytechnic University, Afghanistan, Aspiring Minds.

6.3.9 Admission of Students

70% of the admissions are done by the Convener, EAMCET, Govt. of Andhra Pradesh. Remaining 30% of the seats are filled by the Management based on the guidelines given by Govt. of Andhra Pradesh from time to time.

6.4 Welfare schemes for

Teaching	Group Insurance, Provident Fund
Non teaching	Free Transport, Free Education for Wards, Canteen facility at subsidized price.
Students	1. Scholarships to meritorious students 2. Medical Facility in the campus.

6.5 Total corpus fund generated

25 lakhs

6.6 Whether annual financial audit has been done

Yes

No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	JNTUK, Kakinada	Yes	Principal
Administrative	Yes	JNTUK, Kakinada	Yes	Principal

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?

End Examination question paper to be given by the affiliating University and Evaluation process involves coding & decoding of answer scripts etc and Recounting and Revaluation of answer Scripts by the affiliating university. □

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

The affiliating university, JNTUK nominates the eminent personalities for the college Governing body, Academic Council and Board of Studies to design the curriculum and provide the suggestions to improve the quality of education in the college.

6.11 Activities and support from the Alumni Association

1. Alumni meets are conducted annually and lectures by alumni are arranged by all departments.
2. Alumni interacts with the present students to motivate and guide Alumni assist in placement activity by giving references to Training & Placement Officer.

6.12 Activities and support from the Parent – Teacher Association

1. Informal meetings are being conducted to identify the issues related to students.
2. Presently parent teacher association is not in existence, however, feedback from parents is collected at times and it is analyzed for taking measures further

6.13 Development programmes for support staff

Supporting staff are encouraged to continue their education for improvement of their qualification.

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

1. Sprinkler system is used for Greenery and Lawns
2. Plantation is set in majority places of the campus and maintained to make campus as eco- friendly
3. Rain water harvesting.

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.

1. Continuous monitoring of progress in syllabus completion through online academic activity report.
2. Monitoring of students performance in mid-term exams, attendance, arranging
3. Student Interaction and Counseling by faculty members, Student feed back system.
4. By making class rooms available with LCDs etc.
5. Subscribing to technical magazines, journals of high repute and proceedings and by subscribing for membership in DELNET.
6. Established Research Development Division which is useful for both students and faculty for doing mini projects, projects and research of interdisciplinary nature in Science & Engineering.
7. Remedial classes are organized for students with backlogs and make up classes are organized for slow learners.
8. Encouraging students to go for internship during summer vacation.
9. Encouraging students to participate in extracurricular activities viz., Sports, NCC, NSS & Cultural etc. for a overall development.
10. Encouragement and Motivation of the faculty to submit proposals for sanction of research grants from National funding agencies.
11. Boards of Studies and Academic Council are formed with experts from IITs and NITs for guiding the Institute to implement best practices.

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 schedules
Workshops/Seminars/Guest Lecturers/ Training programs	Conducted as per the proposals
Sending applications for Research funding	Proposals are submitted in the prescribed format of the concerned National Funding agencies.

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

1. Enhancing student programming skills through T-Hub, exclusive training Department.
2. AEC offers training for GATE, GRE, IELTS on campus.

7.4 Contribution to environmental awareness / protection

1. Offering Environmental Science as a compulsory subject
2. Planting of trees in the campus
3. Construction of rain water harvesting pits in the campus
4. Environment Day Celebration on 05-06-2016
5. Offering Environmental Science as a compulsory subject
6. Planting of trees in the campus
7. Construction of rain water harvesting pits in the campus
8. Environment Day Celebration on 05-06-2016
9. Conducting environmental awareness workshops/ seminars by inviting the experts.
10. Organizing Swacha Bharath campaign etc.,

7.5 Whether environmental audit was conducted?

Yes

No

7.6 Any other relevant information the institution wishes to add.

Strengths of the Institute

- Scientifically designed employability assessment and training programs by AMCAT and COCUBES through I B. Tech to IV B. Tech. Cost of these programs is partially borne by the Institute
- Exclusive training support for advanced career guidance programs like GATE, GRE, TOEFL, etc.
- NSS unit carries out social activities like blood donation camps, education to rural students and health camps, Campaign for Swachh Bharat Abhiyan, Government Schemes
- Encouragement for Research Scholars to carryout their research work.

8. Plans of institution for next year

1. To get all the departments accredited by NBA
2. To get Research Centre Sanctioned from JNTUK
3. To get at least 80% of eligible students placed.
4. To apply for Project Funding to DST/AICTE/DRDO.

Name *Dr. K V. S. Ramachandra Murthy*



Signature of the Coordinator, IQAC

Name *Dr. M. Sreenivasa Reddy*



Signature of the Chairperson, IQAC
