



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

**(Approved by A.I.C.T.E., New Delhi & Affiliated to JNTUK, Kakinada)
NAAC Accredited Institute; Under section 2f, UGC act
An ISO 9001:2008, 14001:2004 & OHSAS 18001:2007 Certified Institute
NH-5, Anakapalle, Visakhapatnam-531002, Andhra Pradesh
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INTERNAL QUALITY ASSURANCE CELL

(IQAC)

SUBMITTED

ANNUAL QUALITY ASSURANCE REPORT

(AQAR) 2017-2018

TO

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
(NAAC)**

DR. K.S.ESWARA RAO, IQAC COORDINATOR

VICE PRINCIPAL & PROFESSOR IN PHYSICS

Annual Quality Assurance Report (AQAR) of the IQAC 2017-2018

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic Year. For example, July 1st of the year to June 30th of the next year)

Part – A

I. Details of the Institution

1.1 Name of the Institution

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

1.2 Address Line 1

NH-5, NEAR BY-PASS ROAD

Address Line 2

GAVARAPALEM

City/Town

ANAKAPALLE

State

ANDHRA PRADESH

Pin Code

531002

Institution e-mail address

info@diet.edu.in

Contact Nos.

9963981111

Name of the Head of the Institution:

Dr. CH.S. NAGA PRASAD

Tel. No. with STD Code:

08924-221111

Mobile

9963993229

Name of the IQAC Co-ordinator:

Dr.K.S.ESWARA RAO

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID (For ex. MHCOGN 18879)

1.4 NAAC Executive Committee No. & Date:
(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

1.5 Website address:

Web-link of the AQAR:

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B+	2.53	2017	11-09-2022
2	2 nd Cycle				
3	3 rd Cycle				
4	4 th Cycle				

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

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

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

- i. AQAR _____ (DD/MM/YYYY)4
 ii. AQAR _____ (DD/MM/YYYY)
 iii. AQAR _____ (DD/MM/YYYY)
 iv. AQAR _____ (DD/MM/YYYY)

1.10 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes

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

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.12 Name of the Affiliating University (for the Colleges)

1.13 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	<input type="text" value="No"/>	UGC-CE	<input type="text" value="No"/>
UGC-Special Assistance Programme	<input type="text" value="No"/>	DST-FIST	<input type="text" value="NO"/>
UGC-Innovative PG programmes	<input type="text" value="NO"/>	Any other (<i>Specify</i>)	<input type="text" value="NAAC ACCREDITED"/>
UGC-COP Programmes	<input type="text" value="No"/>		

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="7"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="2"/>
2.3 No. of students	<input type="text" value="2"/>
2.4 No. of Management representatives	<input type="text" value="1"/>
2.5 No. of Alumni	<input type="text" value="1"/>
2. 6 No. of any other stakeholder and community representatives	<input type="text" value="1"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="1"/>
2.8 No. of other External Experts	<input type="text" value="1"/>
2.9 Total No. of members	<input type="text" value="16"/>
2.10 No. of IQAC meetings held	-----THREE

2.11 No. of meetings with various stakeholders:	No.	<input type="text" value="7"/>	Faculty	<input type="text" value="3"/>
	- Students	<input type="text" value="2"/>	Alumni	<input type="text" value="1"/>
			Others	<input type="text" value="1"/>

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.	<input type="text" value="7"/>	International	<input type="text"/>	National	<input type="text"/>	State	<input type="text"/>	Institution Level	<input type="text" value="7"/>
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(ii) Themes

LIST ENCLOSED

2.14 Significant Activities and contributions made by IQAC

1. CAMPUS RECRUITMENT TRAINING CLASSES are conducted for III and IV year B.Tech students
(8 days in 3-I Sem , 8 days in 3-II Sem and 4 days in 4-I Sem for improve the technical skills)
2. Orientation classes are conducted for final B.Tech Students to come up in the innovative projects. As a result, solar vehicle is designed and prepared by our students
3. Guest lectures are conducted by eminent and expertise persons

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
1 .TO CONDUCT FDPs	One FDP is completed
2. TO CONDUCT INNOVATIVE PROJECTS	5 Projects are completed
3. TO ORGANISE WORKSHOPS	7 Workshops are completed successfully
4. TO CONDUCT THE CAMPUS RECRUITMENT TRAINING CLASSES	CRT Classes are conducted for all branches in III-I sem,, III-II sem and IV-I <u>Sem</u> which have helped to students with respect to upgrade the subject knowledge. Three CRT trained students got placed in Infosys and TCS
5. TO CONDUCT BEST PRACTICES AND EXTENSION ACTIVITIES	13 activities related to service events are completed

* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body Yes

Management Syndicate Any other body

Provide the details of the action taken

1. Invited the senior Professors from JNTUK, A.U, IITs, industries, companies and scientific institutions to create excellent leadership, equally to attract qualified teachers and Researchers
2. Strengthened the Industry-Institution interaction cell, Entrepreneurship development cell and Skill Excellency Centre
3. Strengthened the teaching- learning processes for improving the students calibre
4. Offered incentives to staff for encouragement in improvement of qualification , publications, textbook writing etc
5. Awarded gold medals, silver medals and cash prizes to toppers and merit students branch wise for encouragement by the management each year and also offered incentives to staff whose feedback is good in results, online certifications, paper presentations and library usage
6. Planned to develop the institute towards Autonomous status
7. Introduced innovative practices in teaching –learning processes
8. Promoted strong set of ethical values by conducting personality development programmes
9. Completed real time, research based ,innovative projects and planned to sent the project papers to renowned journals for publication
10. Conducted the classes on communication skills , soft skills and technical skills through CRT and APSSDC training programmes for improvement of skills of students

Part – B

Criterion – I

I. 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	4	0	4	0
UG	4	0	4	0
PG Diploma		0	0	0
Advanced Diploma		0	0	0
Diploma	3	0	3	0
Certificate		0	0	0
Others		0	0	0
Total	11	0	11	0
Interdisciplinary	0	0	0	0
Innovative	0	0	0	0

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

Pattern	Number of programmes
Semester	11
Trimester	----
Annual	----

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

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

**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.

No.

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

CM's Skill Excellency Centre introduced during 2017-2018

APSSDC has selected our institute for CM's Skill Excellency Centre for conducting FDP, Workshops and seminars etc. 50 upgraded systems are arranged in this year and plan to increase the number in next year. One FDP is already conducted in this centre in association with NIT, Warangal.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	161	110	40	11	

2.2 No. of permanent faculty with Ph.D.

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
	7	0	6	0	3	0	0	0	16	0

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	----	10	5
Presented papers	----	6	----
Resource Persons	----	3	-----

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

To improve the quality of students as well as faculty, implementation of e-classes and ICT teaching are made mandatory in teaching –learning methodology towards innovative processes

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 %
UG (B.Tech)	1126	494	169	----	11	78
PG- M.Tech	16	3	8	----	----	75
PG (MBA)	37	10	26	----	----	97.30
DIPLOMA	188	9	50	70	----	69

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

Departmental IQAC coordinators are constituted by the institution so that they will monitor the teaching learning processes of their individual departments. The IQAC coordinate to all the departments are under one roof which in turn ensures the excellence in each activity. And the IQAC monitors and evaluates the activities of the department with the help of different functional Heads.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	16
UGC – Faculty Improvement Programme	0
HRD programmes	0
Orientation programmes	24
Faculty exchange programme	25
Staff training conducted by the university	8
Staff training conducted by other institutions	25
Summer / Winter schools, Workshops, etc.	30
Others	46

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	49	5	5	0
Technical Staff	10	0	0	0

Criterion – III

3. Research, Consultancy and Extension

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

IQAC has initiated in promoting the research climate in the institution in such a way that frequent usage of e-library, journals reading, R&D Centre, Incubation Centre and C.M's Skill Excellency Centre. The institution has subscribed annually for J-gate and DELNET online journals and also subscribed the journals like Indian journal of civil eng and applications, international journal of embedded system in power control, International journal networks and applications, International journal of software engineering, International journal of VLSI designing, International journal of power systems engineering etc. Paper publications by the faculty in UGC approved journals are made mandatory

3.2 Details regarding major projects-----No

	Completed	Ongoing	Sanctioned	Submitted
Number				
Outlay in Rs. Lakhs				

3.3 Details regarding minor projects-----No

	Completed	Ongoing	Sanctioned	Submitted
Number	0	0	0	0
Outlay in Rs. Lakhs	0	0	0	0

3.4 Details on research publications----- List enclosed

	International	National	Others
Peer Review Journals	8	23	----
Non-Peer Review Journals	---	---	----
e-Journals	---	29	----
Conference proceedings	1	4	----

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.

0

Chapters in Edited Books

0

ii) Without ISBN No.

0

3.8 No. of University Departments receiving funds from

UGC-SAP 0

CAS

DST-FIST 0

DPE 0

DBT Scheme/funds 0

3.9 For colleges

Autonomy 0

CPE 0

DBT Star Scheme 0

INSPIRE 0

CE 0

Any Other (specify) 0

3.10 Revenue generated through consultancy

RS. 95000

3.11 No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number	0	0	0	0	0
Sponsoring agencies	0	0	0	0	0

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

5

3.13 No. of collaborations

International 6

National 12

Any other

3.14 No. Of linkages created during this year

5

3.15 Total budget for research for current year in lakhs :

From Funding agency nil

From Management of University/College 6.5

Total 6.5

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	0
	Granted	0
International	Applied	0
	Granted	0
Commercialised	Applied	0
	Granted	0

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
0	--	--	--	--	--	---

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

0

0

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

0

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

JRF 0 SRF 0 Project Fellows 0 Any other 0

3.21 No. of students Participated in NSS events:

University level 65 State level
National level International level

3.22 No. of students participated in NCC events:

University level 0 State level 0
National level 0 International level 0

3.23 No. of Awards won in NSS:

University level 5 State level
National level International level

3.24 No. of Awards won in NCC:

University level	<input type="text" value="0"/>	State level	<input type="text" value="0"/>
National level	<input type="text" value="0"/>	International level	<input type="text" value="0"/>

3.25 No. Of Extension activities organized

University forum	<input type="text"/>	College forum	<input type="text"/>
NCC	<input type="text"/>	NSS	<input type="text" value="23"/>
		Any other	<input type="text" value="2"/>

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

1. Third International Yoga Day on 21st June, 2107
2. Swatch Bharat pakwada on 10th Aug, 2017.
- 3 Organised “cashless Transaction awareness” programmes in and around Anakapalle
4. Donated fans and tube lights to M.P.U.P School, Maredupudi village on 24th Aug,2017 by N.S.S unit
5. Distributed eco- friendly clay Vinayaka Idols on 24th Aug 2017
6. Conducted awareness programme on women empowerment on 19th Sept,2017
7. Conducted Mega Blood Donation Camp on 5th Oct, 2017
8. Conducted Learning License Mela in the institution on 5th Dec ,2017 for the issue of driving licence to all the eligible students and staff.
9. Cycle Rally to create awareness on Health and Control of Pollution
10. On the eve of National Voters Day, NSS unit organised a mega voter enrolment programme on 25th Jan, 2018
11. Conducted Swatch Andhra open defecation free (ODF)- Survey Programme from Nov –Dec 2107
12. Conducted competitions for the students of adopted schools in February, 2018
13. Conducted Campus Cleanliness Drive in Jan, 2018
14. Conducted NSS Special camp at two adopted villages “Akkireddipelam and Maredupudi from 18th to24th Feb 2018.
15. Celebrated International Women’s day on 8th March 2018
16. Conducted pass port mela in the institution on 24th March 2018.

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	15 acres	---	own	15 acres
Class rooms	48	---	own	48
Laboratories	18	6	own	24
Seminar Halls	2	-	own	2
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	50	20	own	70
Value of the equipment purchased during the year (Rs. in Lakhs)	440	63	own	503
Others	600 lakhs	44 lakhs	own	644 lakhs

4.2 Computerization of administration and library

EZ Software and CAMU software are implemented for computerization of administration and automation of e-library. Books have been issued to the students and staff with barcode system which was established in Central library. OPAC system is implemented to access by all the staff and students to know the list books available in the central library. The same can be accessible in Google also.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	20988	53,15,383	511	1,04,187	21499	54,19,570
Reference Books	2998	6,69,327	243	79,451	3241	7,48,778
e-Books	799					
Journals	114	8,13,199	59 25 new	1,21,258	139	9,34,457
e-Journals	5842	30,39,106	4258	70,800	10100	31,09,906
Digital Database	1	62,500	1	11,500	1	74,000
CD & Video	11048		2225		13273	
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	550	10	Bandwidth of 26 MBPS to all systems	1 Free wi-fi accessible	1	15	15	20
Added	37	1	14 Mbps to all systems					5
Total	587	11	40 MBPS to all systems	1	1	15	15	25

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

<p>10 e-class rooms and CM's Excellency Centre are available for digital classes</p> <p>Free wi-fi in the campus</p> <p>E-library is available for upgradation of subject knowledge and improves the technical skills through networking and e-governance etc.</p> <p>Learning process of NPTEL, Google, Oracle, Cambridge online certificate courses is located in the Digital Library (e-Library)</p>
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4.6 Amount spent on maintenance in lakhs :

i) ICT	6
ii) Campus Infrastructure and facilities	114
iii) Equipments	4
iv) Others	556
Total :	660 lakhs

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

IQAC is formed different functional bodies with committees for student support services as follows

1. Anti-ragging and Discipline Cell
2. Career Guidance cell- coaching classes for GATE,CAT, PG CET etc
3. Training and placement cell
4. Literary and cultural cell
5. Women empowerment cell
6. Grievances Redressal cell

5.2 Efforts made by the institution for tracking the progression

Institution is having membership in 15 professional bodies i.e CSI, IEEE, ORACLE . APITA, CII, Institute of Engineers, Microsoft, APSMS, INFOSYS, IET, ACM , TCS ION, ISTE, IETE, APCCIF. (List enclosed). IQAC is always maintaining the rapport with the bodies for conducting training programmes in institute by inviting the eminent persons.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
B.Tech- 1195	M.Tech- 67 MBA-80	No	----

(b) No. of students outside the state

NO

(c) No. of international students ---NO

d)

No	%
659	55

Men

No	%
536	45

Women

General	Last Year					This Year					
	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
B.Tech-254	24	9	732	1	1020	296	28	9	861	1	1195
M.Tech-4	1	2	12		19	9	6	2	40	0	67

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

Since five years, all the departments are conducting free coaching classes for the GATE CAT, PG ECET and also giving the materials for ready reference along with curriculum

No. of students beneficiaries

126

5.5 No. of students qualified in these examinations

NET	<input type="text"/>	SET/SLET	<input type="text"/>	GATE	<input type="text" value="111"/>	CAT	<input type="text" value="15"/>
IAS/IPS etc	<input type="text"/>	State PSC	<input type="text"/>	UPSC	<input type="text"/>	Others	<input type="text"/>

5.6 Details of student counselling and career guidance

Mentor system is established for monitoring the students in regard of their attendance and performance. Mentors and class teachers are counselling the backward students regularly and made a record each and every thing in mentor registers. Career guidance classes are also conducted regularly by class teachers and placement officer in this year.

No. of students benefitted

690

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
New arc design	65	10	Infosys—3 and others -56

5.8 Details of gender sensitization programmes

In gender sensitization, women empowerment programmes are conducted. International women's day, awareness on anti-ragging, Health & Yoga, etc are also conducted by Empowerment cell and Internal Compliant Committee.

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
Financial support from institution	186	1860000
Financial support from government	1134	45637890
Financial support from other sources	NIL	---
Number of students who received International/ National recognitions	NIL	---

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: _____No_____

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision of the Institution:

To evolve into a premier technical institution with value based education to nurture competitive technologies to build new world

Mission of the institution:

To promote personality development, academic excellence, disciplined career, human service, ethical values, Indian culture and creative technology for upliftment of the global society

6.2 Does the Institution has a management Information System

YES,

Management Information System of the Institution consists

1. Employee information form
2. Staff regularization form
3. Brief welcome kit for new joiners contains rules and regulations
4. Administration manual
5. Student mentor system

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

6.3.1 Curriculum Development

1. E-lessons for extra inputs
2. Assignments given to students for getting innovative projects
3. Technical skill classes on specific training are conducted in CRT by eminent and expertise Trainers from FACE and COIN Consultancy Pvt Ltd
4. Guest lectures on skill development and employment awareness in Government and corporate sectors and industrial visits are conducted

6.3.2 Teaching and Learning

1. Assignments on typical problems
2. Conducted Remedial classes to facilitating slow learners
3. ICT teaching methodology is followed to access for study the journals i e-journals and e-books and NPTEL videos to upgrade the teaching skills
4. PPT classes are conducting in e-class rooms available in Departments to explain the subjects for easy understanding
5. Conducted project works, field works and industrial visits
6. Conducted technical workshops/ seminars on latest topics by invited experts

6.3.3 Examination and Evaluation

JNTUK (affiliating university) is conducting external examinations. The members of our examination cell shall have analysed the students' results and evaluated the grades and pass percentage. Basing on the evaluation, the class teacher and mentor are monitoring the students in order to improve the results in next semester exams by conducting remedial classes

6.3.4 Research and Development

Research & Development centre along with incubation and stimulation centres were established for utilization of research works

6.3.5 Library, ICT and physical infrastructure / instrumentation

In e-Library, 250 on line courses are accessible for learning resources through DEL NET, J-GATE etc

6.3.6 Human Resource Management

There are two employees in HR section in the institute. They are responsible for the Admission works and monitoring the attendance of students and staff. They are also ensuring the recruitment of teaching and non teaching.

6.3.7 Faculty and Staff recruitment

HR section gathered the information for the requirement of staff as per the work load prepared by the HODs and verified by the Principal.

Then Add is given in the news papers, collect the resumes and conduct the interviews by selection committee formed with subject experts. This process is going on

As per the requirement, faculty and other staff have recruited for this academic year 2017-2018 according to AICTE guidelines

6.3.8 Industry Interaction / Collaboration

We have industrial interaction with various companies like APEPDCL, NTPC, Navayuga Constructions, BHEL,HPCL, RECS, Steel plant etc.

6.3.9 Admission of Students

Admissions of students are made preferably on merit basis and through counselling from CET examinations i.e EAMCET, ECET,POLYCET, GATE AND ICET.

6.4 Welfare schemes for

Teaching	P.F, maternity leaves, financial supports, Medical facility in institution health centre, Group insurance, incentives, free transport facility, Hygienic and subsidized food in cafeteria, R.O purified drinking water supply, free wi-fi
Non teaching	P.F, maternity leaves, financial supports ,ESI Medical facility Group insurance, incentives and Medical facility in institution health centre, free transport facility, Hygienic and subsidized food in cafeteria, R.O purified drinking water supply free wi-fi
Students	Sponsor ships for poor and merit students and issue cash awards, Group Insurance for students and their parents, Medical facility in institution health centre, R.O purified drinking water supply, Hygienic and subsidized food in cafeteria,, free coaching for GATE and other competitive exams, free wi-fi

6.5 Total corpus fund generated

15 Lacks

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	ISO	Yes	Internal verification Committee
Administrative	Yes	Auditors	Yes	Internal verification Committee

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?

Affiliating university (JNTUK) has reformed the examination pattern in respect of evaluation system to overcome the erratic valuation of scripts by implementing the double valuation method

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

Our University is encouraging for permanent affiliation to all affiliated colleges to provide arrangement for ratification of principal and faculty of the institution. And also insists for NBA accreditation and autonomous status. We plan to go for NBA accreditation in next year 2019

6.11 Activities and support from the Alumni Association

We have DAA(DIET Alumni Association) registered with many students. It has mail id alumni@diet.edu.in. Alumni association is always supporting and rapport with institute towards student support services. The association is giving guidance to the students in improvement of profiles, company based latest courses. Institution has DAA face book association, Alumni Watts app group and web link also.

6.12 Activities and support from the Parent – Teacher Association

Parent-teacher Association has formed for 1 year admitted students. Every mentor and class teacher of students of the particular section are contact with their parents regularly and informed the attendance percentage and performance to motivate the students for improvement in their quality. Parents meet is conducting semester wise by mentors, class teachers and HODs and take the feedback from the parents and action will be taken accordingly. Parent feedback form is herewith enclosed as proof.

6.13 Development programmes for support staff

Management is always supporting the staff of housekeeping, landscape and security by providing medical facility, sanctioning P.F loans and part-payments, Financial help in staff marriages and group insurance

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

Campus “Clean and Green” and plantation programmes are conducting by the staff and students in our campus to create eco-friendly environment and also campaigning the environmental protection at the National high way near the institute. Its a regular best practice of the institute

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.

This year also In the continuation of preparation of innovative projects, the students of IV year B.Tech EEE of our institution completed the projects on “usage of solar power generation” . By using solar power, they have designed and prepared three wheeler vehicle, arranged solar street lights using solar panels. They have planned to prepare digital boards showing temperature, humidity etc and being placed at nearby National Highway.

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

According to Academic Plan approved by the academic committee and IQAC at the beginning of the year, the programmes and events were conducted. If there are any discrepancies occurred in conducting the events, they should be conducted at any time of the same academic year in semester break and in holidays.

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

Conducted National and International days like yoga day, women’s day, engineer’s day teachers’ day, National science day, National education day etc, No. of events have conducted like this under best practises. Details are enclosed as per format in annexure.

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

7.4 Contribution to environmental awareness / protection

Trained the NSS volunteers regarding awareness on environmental effects and protection and conducted swatch Bharat programmes in campus and villages. Our NSS unit is conducting two special camps in every year at our adopted villages Akkireddipalem and Maredipudi since three years..

7.5 Whether environmental audit was conducted? Yes No

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

SWOC Analysis

Strengths:

1. Well equipped infrastructural facilities, amenities and state-of-art facilities
2. Qualified, experienced faculty with large number of Ph.D holders
3. Twelve years old institute with high success rate and excellent Alumni
4. DIET is the only private engineering College in the country having large number of student branches of leading Professional bodies functioning potentially
5. E- library with national, international journals
6. Ratified faculty with excellent team work at all levels.
7. 4G Wi-Fi 100 Mbps high speed enabled campus
8. Good number of placements by the effort of our institutional placement cell.
9. Collaboration with APSSDC and exposure of CM's Skill Excellency Centre.
10. Sixth pay Commission scales are implemented.

Weaknesses:

1. Communication skills among rural based students need improvement
2. Insufficient core module in the affiliated curriculum
3. Collaboration with industries

Opportunities:

1. Central and State Governments are providing financial aid to the students from weaker sections pursue higher education
2. Coastal industrial corridor is one of the opportunities in employment
3. New technology is emerging

Constraints:

1. Rural background of students
2. Unemployability of the engineering graduates
3. Inflation and rising prices being not met by fee structure

8. Future Plans of action for next academic year (500 words)

The plan of action chalked out by the IQAC in the beginning of the year towards Curricular, Co-curricular and Extra-curricular activities in quality Enhancement and extension activities

To Prepare Institutional academic plan for odd and even semesters comprises with all the curricular, co-curricular, extra-curricular and extension activities

1. To collect feedback from students on 15 quality parameters related to curriculum, teaching, learning and evaluation processes.
2. To collect the feedback from parents and alumni.
3. To encourage meritorious faculty, employees through distribution of awards with silver medals, cash prizes and certificates by management in Teachers day.
4. To encourage students, The meritorious students were given gold and silver medals, prizes , cash awards and certificates during the Graduation day.
5. To conduct quality awareness campaigns
6. To continue the best quality initiatives
7. To conduct workshops on latest and updated topics
8. To conduct seminars on technical skills
9. To conduct Campus Recruitment Training classes from II B.Tech onwards and also for I and II MBA students
10. To conduct one or two Faculty Development Programmes
11. To conduct Coaching for Competitive examinations i.e GATE and PG CET to outgoing students
12. To conduct skill development programmes through C.M's skill Excellency centre in association with APSSDC APITA, NITs, IITs and professional bodies
13. To conduct extension activities like celebrations of International and National days, Mega blood donation camp, Swatch Bharath, NSS activities with monthly themes like No plastic usage, Road safety, anaemia, cancer awareness etc , special camp at adopted villages, Music classes, Dance classes
14. To improve Innovative Classroom Teaching (ICT) methodology
15. To improve projects innovatively
16. To concentrate on Research and Development like paper presentations and publications in reputed journals, patents and consultancies
17. To expand the activities as student –centric
18. To conduct the departmental club activities and tech fests
19. To conduct Literary and cultural activities in Fresher's day, valedictory day and college annual day i.e DIET uthsav and Graduation day.
20. To conduct two internal audits and one surveillance audit by external agency towards quality

Name Dr. K. S. Eswara Rao



Signature of the Coordinator, IQAC

Name Dr. Ch. S. Naga Prasad



Signature of the Chairperson, IQAC

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

BEST PRACTICES: 2017-18

- i) Conducted NSS Special camps at adopted villages i.e Akkireddipalem and Maredupudi to understand the social responsibilities .
- ii) Conducted National Science day, International days (Women's day and Yoga Day), Engineer's day, Education day, Unity day teachers day etc.
- iii) Design and prepare "Research oriented Innovative projects" in all departments and project paper presentations and publications in International peer reviewed journals.
- iv) Conduction of Inter collegiate and Inter university Sports and games meet in the campus
- v) Participation in the Literary, Cultural and social service activities in "A.P State Youth Services" .
- vi) Conducted Mega blood donation camp and Medical camp.
- vii) Use of ICT in delivering and learning process
- viii) Extension /Guest lectures are arranged for the students in various disciplines by inviting eminent personalities.
- ix) Awareness programmes on health, environmental protection, voter enrolment , road safety, anti-ragging etc are conducted
- x) Conducted Driving Licence Mela and Pass port Mela in the campus
- xi) Conducted Personality development programme to develop ethical and moral values among faculty and students and to involve on discharging social responsibility.
- xii) Provided partial/full concession in fees to few deserving candidates
- xiii) Maintaining the dress code and code of conduct by all the students, teaching and non teaching staff.
- xiv) The institute is encouraging the students to become members of professional bodies like IEEE, IETE, CSI, ACM, ISTE etc and various events are being organised under these professional; bodies to improve their skills. IEEE extreme test was conducted
- xv) Personality development programmes and seminars are conducted from the first year to improve communication skills and soft skills of the students.
- xvi) Conducting remedial classes for academically weak students for improving their knowledge in corresponding subjects. .
- xvii) Conducting workshops and guest lectures on general and technical topics
- xviii) Many students are involved in real time problem solving group, attended workshops related to entrepreneurship development and have contributed to the society.
- xix) The students play major role in the events like fresher's day, annual day, orientation day, valedictory day and graduation day which are being organised by the college and inculcate the qualities co-operation and co-ordination and team work.
- xx) The institute encourages and motivates the students and staff by awarding incentives, cash prizes, gold and silver medals to them who secured highest percentage of marks..

