

# **Internal Quality Assurance Cell (IQAC)**

**DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY**  
Ganguru, Penamaluru(Md), Krishna(Dt), AP-521 139



## **Annual Quality Assurance Report (AQAR)** **2017-18**

**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

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 1, 2012 to June 30, 2013)

### Part – A

#### 1. Details of the Institution

1.1 Name of the Institution

Dhankeula Institute of Engineering & Technology

1.2 Address Line 1

Ganguru

Address Line 2

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City/Town

VIJAYAWADA

State

ANDHRA PRADESH

Pin Code

521139

Institution e-mail address

[diet.principal@gmail.com](mailto:diet.principal@gmail.com) , [principal@diet.ac.in](mailto:principal@diet.ac.in)

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Name of the Head of the Institution:

Dr. RAVI KADIYALA

Tel. No. with STD Code:

0866 - 2583842

Mobile:

9491017088

Name of the IQAC Co-ordinator:

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:

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

#### 1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	B+	2.56	2017-18	5
2	2 <sup>nd</sup> Cycle				
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> 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  No

Autonomous college of UGC Yes  No

Regulatory Agency approved Institution Yes  No

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

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)

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1.12 Name of the Affiliating University (for the Colleges)

JNTUK, Kakinada, Andhra Pradesh - 530003

### 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  UGC-CE

UGC-Special Assistance Programme  DST-FIST

UGC-Innovative PG programmes  Any other (*Specify*)

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 (2017-18)

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

- IQAC is constantly evaluating teaching learning process through feedbacks.
- Strengthening the campus placements process by interacting with students the students and companies in identifying the training requirements.
- Planning Value Addition Programmes / career oriented technical training programmes for students to improve their technical acquaintance.
- Proposing the management support for Research Projects and encouraging research collaborations
- On timely basis of up gradation of Lab Equipment's to meet with the advanced technologies.
- Motivating staff and students to visit nearby Industries to understand and to gain the knowledge.
- Orientation programmes are conducted for Non-Teaching Staff Members.
- Students are encouraged to apply their innovative projects to get funding from various Agencies.
- All Academic and Creative Clubs are functionally active across all branches.
- Supplementary encouragement is given to Students to participate in different events• like Sports / NSS / CSR activities.
- Regular Interaction with class representatives and class coordinators of each and every department for maintaining and sustaining quality education.

## 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 Student Academic performance	1 Improvement in percentages
2 Academic process calendar	2 Existence and implementation
3 Audit on Teaching –Learning	3 Continuous quality improvement
4 Established procedure for offering elective courses	4 Academic flexibility and developing expertise in wide areas
5 Curriculum evaluation	5 For better attainment of POs & PSOs
6 Syllabus Coverage Monitoring	6 Completion of syllabus in time
7 Audit on Laboratory facilities	7 Establishment of beyond curriculum Experiments and Practice.
8 Audit on Industry visits	8 Minimum 3 Industries to visit by every student
9 Developing strategy for Internships	9 Improvement in number of internships
10 Proactive in establishment of online line student feedback system	10 Able to acquire timely and genuine Feedback from students.
11 Advised departments for Conduct of Workshops for skills among students.	11 Improvement if student registrations for Global Certification courses.
12 Motivating Faculty for taking up Online AICTE approved FDPs.	12 Improvement in faculty attending FDPs and On line certifications.
13 Planned for Initiation of Department Associations to promote professional Contribution to the community.	13 Established chapters of various professional bodies at least one in Each department.

\* Attach the Academic Calendar of the year as Annexure. – Annexure - I

2.15 Whether the AQAR was placed in statutory body



Management

Syndicate

any other body

Provide the details of the action taken

Planned to present in upcoming Governing Body meeting scheduled on 10<sup>th</sup> January 2019.



**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	2	-	2	-
UG	5	-	5	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	4	--	4	-
Certificate	-	---	-	-
Others	-	-	-	-
<b>Total</b>	11	-	11	-

Interdisciplinary	-		-	-
Innovative	-		-	-

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	7
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.

Nil

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
	175	148	13	14	

2.2 No. of permanent faculty with Ph.D. 18

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
	17	-	-	-	-	-	0	-	17	-

2.4 No. of Guest and Visiting faculty and Temporary faculty 3 - -

2.5 Faculty participation in conferences and symposia:

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

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

- Collaborative Learning, Coding club
- Online Video lectures
- Remedial class for all programs.
- Outcomes Based Education Model (OBE)
- MOOC “s
- Inclusion of e-books, courseware, tutorial modules for each course
- CO – PO mapping and Bloom’s Level attainment for each course
- Labs to accommodate the latest trends in industries.
- Industry internships
- Value Added courses

2.7 Total No. of actual teaching days during last year 186

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

<b>83.8</b>
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## 2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.Tech in CE	119	46(38.65)	39(32.77)	4(3.36)		89(74.79)
B.Tech in EEE	55	21(38.18)	18(32.72)			39(70.9)
B.Tech in ME	132	28(21.21)	40(30.30)	4(3.03)		72(54.54)
B.Tech in ECE	143	54(37.76)	35(24.47)	1(.008)		90(62.94)
B.Tech in CSE	124	35(28.22)	59(47.58)			94(75.08)

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

IQAC is involved in contribution monitoring and evaluating the Teaching learning process throughout the academic year in the following areas

1. Validation of the reports submitted by on Curriculum development process
2. Standard formats supplied to the departments for development of Quality with in the Institution
3. Auditing Master Workload, Time table, Individual time table, Lab time table
4. Monitoring Attendance of students
5. Conducting surprise visit to class and labs to ensure effective teaching learning.
6. Course file Academic Audit (thrice in a semester).
7. Analyzing the feedback of students and faculty during class committee meetings.
8. Conducting Student representative meetings, Parent meetings, Faculty meetings and taking corrective actions
9. IQAC department coordinators involve in monitoring the academic plan and report to the IQAC coordinator periodically
10. Result Analysis is validated by the IQAC after each continuous assessment tests and End semester Examination
11. IQAC is involved in the Performance Based Appraisal System to evaluate the academic performance of the faculty under the criterion laid down by the UGC

12. Introduction of new courses, new lab experiments, mini projects, end of programme projects, faculty development programmes, student development programmes are monitored by the IQAC.

#### 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	-
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	-
Faculty exchange programme	-
Staff training conducted by the university	1
Staff training conducted by other institutions	54
Summer / Winter schools, Workshops, etc.	5
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	15	1	3	-
Technical Staff	31	-	8	-

### Criterion – III

#### 3. Research, Consultancy and Extension

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

Programmes are conducted in Research Methodology, Collaborative research with the support of industries, promotion of research.

- Several measures are taken by the IQAC for promoting research culture through Research Incentives and awards.
- Paper publication
- Consultancy
- Book Publications
- Industry Institute Partnerships

##### 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	20	-	-
Non-Peer Review Journals	-	-	-
e-Journals	06	-	-
Conference proceedings	01		-

##### 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

3.11 No. of conferences  
Organized by the  
Institution

Level	International	National	State	University	College
Number	1		-	-	-
Sponsoring agencies	IFERP		-	-	-

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 Of the institute in the year

Total	International	National	State	University	Dist	College
-	-	-	-	-	--	-

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

- Polio drops awareness programme during Jan 28 -30, 2018 in Penamaluru Mandal, Krishna District.
- Swatch Bharat ODF survey was done in Vanukuru Village, Krishna Dt



### Criterion – IV

#### 4. Infrastructure and Learning Resources

##### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing(Sq .m)	Newly created	Source of Fund	Total
Campus area	36402.16	-	Dhanekula Venkata Subbaiah Charitable Trust	36402.16
Class rooms	3735.61	-		3735.61
Laboratories	6231	8(933.1Sq m)	Self	7165.04
Seminar Halls	1327.32	-		1327.32
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	-	26	Self	-
Value of the equipment purchased during the year (Rs. in Lakhs)	26,40,00,370-00	1,17,57,377-00	Self	27,57,57,747-00
Others	-	-	-	-

##### 4.2 Computerization of administration and library

Databases are available in library website to enable the research scholars to browse review of literature for their thesis. E-books and Online Journals are available in the website for library users.

#### INTERNET ACCESS

103- Mbps Broad Band Internet connections are provided for enhancing the classroom study and for access to the e- resources. There are 20 computers, accessories available in the digital section to access institution website. Institutional repository service provided to library users.

#### E-BOOKS & E-JOURNALS

Our library subscribes various Online Journals, E-Books and has access to over - journals, magazines and newspaper articles from international societies.

#### WEB OPAC

The Library follows Open Access System. There is a provision for remote access to online public access catalogue.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	17236	80,54,712	243	1,02,358	17479	81,57,070
Reference Books	3426	7,66,741	22	38,519	3448	8,05,260
e-Books	-	-	-	-	-	-
Journals	90	2,21,400	-	-	90	2,21,400
e-Journals	9398	8,81,436	549	3,14,830	9947	11,96,266
Digital Database	-	-	-	-	-	-
CD & Video	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	643	13	46	1	1	5	5	-
Added	359	4	60	-	-	-	3	-
Total	1002	17	106	1	1	5	8	-

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

All Departments and Computer Labs are connected to LAN with Internet Facility, Hostels, Halls, Canteens; Library are covered under Wi-Fi.

#### 4.6 Amount spent on maintenance in lakhs:

i) ICT

28, 54,589/-

ii) Campus Infrastructure and facilities

92, 55,217/-

iii) Equipments

Core switches-NAS storage-High end system-L2 Switches-POE Switches Passive components 16,

iv) Others

3,75,337/-

**Total:**

14143856/-

## Criterion – V

### 5. Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

IQAC conducts awareness programmes periodically to promote the following

- Internet facility with Wi-Fi connectivity is made available throughout the campus to support the students in enhancing their knowledge with easy digital access.
- Induction day for the fresher's, where in all the coordinators & conveners of different committees briefed the students about curricular & extracurricular activities
- The college is catering to the needs of students belonging to deprived communities of Scheduled castes, Scheduled tribes, other backward classes and low-income groups.
- SC and ST Students are encouraged to continue their education by way of Scholarships from Government and Non – Government Organizations.
- Subject wise special coaching classes for slow learners are conducted during the evening hours.
- Entrepreneurship Development Cell organizes periodical meetings with industrialists, entrepreneurs and chief executives of various concerns to enhance the entrepreneurship skills among the students.
- Industry Institute Interaction cell builds a good relationship between the Industry and Institute for the welfare of the students by organizing regularly guest lectures, seminars, workshops, conferences, industry visits, in-plant training, internships and campus connect programmes.
- Placement & Training Cell organizes various training programmes to mould the students with core competency and employability.
- Library is equipped with various books, references, journals and e-journals to supplement the thrust of students and to enrich their self-learning ability.
- A Grievance Redressal Cell is constituted to address the grievances of the students and parents through feedback.
- Student association in each department organizes various programmes to widen their exposure in their respective field.
- National Service Scheme [NSS], & other clubs encourage the students to take part in community development activities.
- Student support services like multi-disciplinary forums, association with professional bodies, alumni interactions, student forums / clubs, language laboratory, awards to student achievers are provided.

## 5.2 Efforts made by the institution for tracking the progression

Based on the following activities Student progression is monitored.

- Result Analysis on Outcomes and remedial measures
- Analysis on Placement, Higher studies and Entrepreneurship
- Learning outcomes ,co and extracurricular activities, sports achievements etc.,

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2191	05	-	-

(b) No. of students outside the state

05
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(c) No. of international students

0
---

No	%
1364	62.22

Men

No	%
827	37.77

Women

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OB C	Physically Challenged	Total
1074	264	12	942	Nil	2292	1097	269	13	812	nil	2191

Demand ratio: Less than 2

Dropout %: less than 5%

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

- Pre – Placement Training
- Value Added courses
- APSSDC programmes

No. of students beneficiaries

324
-----

5.5 No. of students qualified in these examinations

NET	-	SET/SLET	-	GATE		CAT	-
IAS/IPS etc	-	State PSC	-	UPSC	-	Others	5

## 5.6 Details of student counselling and career guidance

- The Institution has effective counselling / mentoring system. Every faculty assigned with 20 students. At least once in fifteen days each and every student of the institution to be counselled.
- The academically weak students are guided in this process for improvement.
- The mentors will motivate the students to develop the projects, working models and to publish the papers in reputed Journals.
- The students are motivated and guided by the mentors about their career opportunities like preparing for Govt. Job competitive exams, GATE, GRE, TOFEL, IELTS etc.

No. of students benefitted

297

## 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
<b>40</b>	<b>324</b>	<b>147</b>	<b>100</b>

## 5.8 Details of gender sensitization programmes

- Women's grievance cell and cell for prevention of Sexual Harassment are also functioning in the institution with a vision to **tackle** with the grievances reported against the women staff and girl students. 4 Programmes conducted
- Anti ragging cell is in place
- Participated in Mahila fest
- Organized awareness program on "Women Legal Rights"
- Organized International Women's day
- Organized Mehendi competition
- Women's health (Cancer) awareness program

## 5.9 Students Activities

### 5.9.1 No. of students participated in Sports, Games and other events

State/ University level

12

National level

3

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	-	-
Financial support from government	1418	5,52,55,200
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:** Pioneering Professional Education through Quality

**Mission:**

- Providing Quality Education through state-of-art infrastructure, laboratories and committed staff.
- Moulding Students as proficient, competent, and socially responsible engineering) personnel with ingenious intellect.
- Involving faculty members and students in research and development works for) betterment of societv.

#### 6.2 Does the Institution has a management Information System

- The data centre of the Institute is established to cater to the academic and administrative requirements.
- The data centre provides data as and when required by the various units.
- E- Learning Module provides an excellent suit of tools for the teaching learning process, including the provision to set up question banks, to conduct on line exams share teaching material and resources and to generate course related performance reports.

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

##### 6.3.1 Curriculum Development

- Stake Holder's Feedback
- Eminent people from industry, alumni, Research scholars, Employees are involved in the development of the Quality based educational system

##### 6.3.2 Teaching and Learning

Online Video lectures, Conduction of extra Lab experiments beyond the syllabus

- Conduct of remedial class for all programs based on the class test results.
- Outcomes Based Education (OBE)
- LTPS structure (Lecture: Tutorial: Practical: Self Study)
- Selection of elective subjects based on student Interest
- Opportunity for the students to gain additional knowledge through MOOCs
- Inclusion of e-books, courseware, tutorial modules for each course
- CO – PO mapping and Bloom's Level attainment for each course
- Conduct of mini projects and main projects for courses
- Installation of new labs based on the expectations of industrialists to cope up with the latest trends in industries.
- Encouraging industry internships
- Opportunities for students to take-up Value Added courses

### 6.3.3 Examination and Evaluation

- The Continuous internal Assessment system is designed in such a way that every faculty has to prepare two sets of question papers and these papers have to be approved by the Departmental Examination Committee (DEC). The DEC will decide the final internal question paper for examination etc.,
- The Question paper pattern is revised in accordance with the Learning outcomes by mapping the Course outcomes to Programme outcomes. The depth of assessment is specified in terms of Blooms Level and weightages are distributed accordingly.
- The learning outcomes are measured at each and every stage of the continuous assessment process.
- The Semester End Examinations are conducted under the Supervision and Guidance of the Controller of Examinations, JNTUK, Kakinada

### 6.3.4 Research and Development

- Research Incentive Schemes are introduced.
- Programmes are conducted periodically for creating research culture
- Incentives for publications, awards, patents etc.,
- Initiating various research groups in each department (field wise)
- Establishing R&D labs in each department with relevant, latest Software/ Simulation tools
- Progressing towards Sponsored and Consultancy projects
- Motivating the students for developing the products/projects

### 6.3.5 Library, ICT and physical infrastructure / instrumentation

- Library circulation activities namely issue and return of books are done on a regular basis and databases are available in the library website to enable the research scholars to browse and review literature for their thesis. E-books and Online Journals are available in the website for library users.
- Multimedia Enabled Digital Library



### 6.3.6 Human Resource Management

- Transportation for staff.
- Research Activity Incentives
- Reimbursement of professional body membership fee for active participation
- Support to attend FDPs, STTPs, Seminars.
- Financial Aid to Publish the Papers and to attend the Conferences

### 6.3.7 Faculty and Staff recruitment

- .The institute recruits faculty members based on the guide lines provided by the AICTE Direct recruitment to all cadres is strictly based on merit through open advertisement
- At the end of each semester, HODs review staff position and prepare manpower requirement.
- The manpower requirement is forwarded to the Management for approval. After approval, advertisements are released in the leading newspapers.
- Resumes received shall be scrutinized and based on criteria prescribed for the position.
- Short listed applicants are intimated to attend the interview.
- Staff Selection Committee members are informed about the Interview dates.
- The Committee recommends the selection of candidates to the Management for finalizing the candidates.
- The office prepares and sends the Offer of appointment letters to the selected candidates, who have accepted our terms and conditions.
- Upon joining, the selected candidates are issued Appointment orders duly signed by the Authorized Signatory and the candidates need to fill in the Joining Report.

### 6.3.8 Industry Interaction / Collaboration

- Establishment of Corporate Training cell
- Field Visits / Industry visits for faculty and students
- Industry Personnel as representatives in Academic Council
- Research Centres in collaboration with industries
- Laboratory set up in collaboration with industries and institutions
- MOUs with reputed industries

### 6.3.9 Admission of Students

- 70% of approved course intake (Category A: convener quota) are based on Common admission test APEAMCET (Andhra Pradesh Engineering, Agricultural and Medical Common Entrance Test) conducted by APSICHE. The admission process is centralized through convener, APSICHE and the college has virtually no role to play in the selection of the candidate eligible for admission.
- 30% of approved course intake (Category B: management quota) are based on merit among the applicants. These seats shall be filled by giving order of priority to JEE qualified candidates, APEAMCET Qualified candidates and on merit basis who have qualified in the qualifying examination not less than 50% of marks in the prescribed group subjects (Mathematics, Physics and Chemistry).
- The remaining vacant seats can be filled by Spot admission following the above criteria.

6.4 Welfare schemes for

Teaching	GLIC
Non Teaching	GLIC,ESI, Health Card
Students	LIC

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done

Yes

No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic			Yes	ISO
Administrative	Yes	Ramesh & Co	Yes	ISO

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?

- From the Academic Year 2016 onwards assessment pattern through Outcome Based Education (OBE).
- Question papers are set based on the concept of “Bloom’s Taxonomy”.
- Based on the no of units in the syllabus, day to day tests are conducted. Based on the marks secured by the students in the day to day assignment tests, the remedial classes for weak students are planned. Stringent steps are taken by the management in this regard to implement and to develop the students to reach expectations of industries.

#### 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

- Dhanekula Institution of Alumni Association was instituted in the year 21016 and has completed two years of active functioning.
- The Alumni Association contributes various services to the institution in general and to the students opting for higher studies and getting employment in particular.
- An involvement of Alumni is done by conducting interactive sessions for students and support for projects.

#### 6.12 Activities and support from the Parent – Teacher Association

- Periodic Parent – Teacher meetings in department wise is conducted at the Institution. The Parents, Students, Faculty will discuss the common issues and specific issues which are recorded and action taken report of the previous meetings are presented. This system serves as a platform for Continuous quality improvement in all aspects.
- Parents are consulted on the possibility of their contributions to the curriculum development, infrastructure development, well being etc

### 6.13 Development programmes for support staff

- Soft Skills Training program
- Outcomes Based education
- Training on the department specific software tools and on core labs.
- Training on MS – Office, Internet
- Usage of Audio-Visual aids
- Usage of Fire and Safety equipment
- Using of First –Aid kits

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

- Plastic free Zone.
- 230 Kilo Watts roof top Solar Power system has been installed.
- Sewage Treatment plant of 100 KLD for Waste water Treatment.
- Tree plantation drive being done regularly to maintain green campus.
- Swatch Bharath Campus cleaning programmes.
- Green Campus.
- Water conservation methods like Water- Pits shall be maintained regularly.

## 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.

- Video Lectures are created for effective TLP
- MOOC was introduced
- Soft skills and personality development was introduced from I semester to 6th semester
- IQAC audit was conducted for every course
- IQAC was involved in the validation of OBE practices followed by faculty
- IQAC was involved in the Performance based appraisal and validation of outcomes
- Monthly meeting of the IQAC department coordinators were conducted to enhance their academic compliance.
- Mentor- Mentee faculty groups
- Blog Spot for each subject
- Initiating coding club
- Organizing collaborative learning

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

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

- Effective implementation of the Outcomes Based Model of Education through various innovative methods of TLP
- Enabling Team work and leadership through Department Association Activities
- Mentor- Mentee faculty groups

#### 7.4 Contribution to environmental awareness / protection

- Waste generated in the institution is segregated and composed
- Electronic Waste collection and sent for recycling
- Green Campus Awards
- Tree plantation drive
- Swatch Bharath scheme by NSS volunteers is fully functional

#### 7.5 Whether environmental audit was conducted?

Yes

No

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

- The Institute has made MOUs with a number of Industries for Joint Programs.
- Increase in the number of PhD faculty
- Modernization of labs and class rooms

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

- Functional Solar Plant 230 KW.
- To obtain NBA accreditation for all departments.
- To promote research and consultancy culture in the Institution.
- To Initiate Centre of Excellences of emerging technologies of at least one in each department.
- To get the funding projects from DST, AICTE and UGC
- To promote research and consultancy culture in the University

## Annexure - I



### DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, Affiliated by JNTU, Kakinada)

GANGURU :: VIJAYAWADA – 521 139


#### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

#### SUGGESTIONS FROM THE ALUMNI

Academic Year: **2017 – 18**

S. NO	SUGGESTIONS FROM THE ALUMNI
1.	Provide better CRT classes from 3 <sup>rd</sup> year onwards
2.	Provide more information about the core subjects and give the practical knowledge more
3.	Make sure to find out solutions of problems on their own by giving a small example so that they gain knowledge regarding code. If you give a program to solve without any example but simple explanation of theory topic they are not able to solve the program and we have faced the same problem.
4.	Aptitude and reasoning please first give preference to aptitude so that we learn perfectly
5.	Please provide knowledge of .NET, Advanced Java,
6.	New courses like Python, R Language, JASON should be included
7.	More workshops , new courses, industrial tours and visits
8.	Need more practical knowledge
9.	Provide more placements
10.	Need some practical knowledge, priority to sports, cultural and technical activities. High priority should be given to student practical knowledge, life skills irrespective of entirely to education
11.	Provide parking inside the campus for students
12.	Please provide some practical sessions and also provide some hardware knowledge to students
13.	Introduce different subjects which are popular like AI
14.	In practical try to add so deep concepts in programming languages.
15.	Detailed explanation with practical and visual aids
16.	Encourage mini projects, please give permissions for internships
17.	I suggest to give the opportunity to students in selecting elective subjects

  
Dept. Alumni Committee Member

  
HOD, CSE



## Annexure - II(a)



### DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, Affiliated by JNTU, Kakinada)

GANGURU :: VIJAYAWADA – 521 139

#### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

**Points: - 1: Low 2: Medium 3: High**

S.NO	Program Outcomes(PO's)	3 Point Scale	Percentage
1.	DIET follows excellent academic standards?	2.3676	78.92
2.	How much is your ward capable to analyze designing the things related to Computer Science Engineering?	2.3268	77.56
3.	The institution provides the best environment for learning?	2.592	86.4
4.	Quality of Academic Resources namely Teachers, course material etc?	2.5104	83.68
5.	Rate the quality of infrastructure namely laboratory, facilitated learning of curriculum-based software development tool?	2.6532	88.44
6.	Have the encouragement to Co-Curricular And Extra-Curricular Activities Aided in Overall Grooming And Personality Development Of your child?	2.3268	77.56
7.	Provided Training/workshops and Career Guidance Programs in DIET are useful to your ward?	2.3268	77.56
8.	How do you rate library, hostel , administrative and examination facilities?	2.49	83
9.	Do you feel student counseling and mentoring help including moral and ethical values among the students?	2.4492	81.64
10.	The institute's focuses on student welfare, providing a safe and caring environment are excellent?	2.592	86.4
11.	Does Your ward have comfort while speaking in a large group	2.286	76.2
12.	How well is he/she able to handle his/her work and financial matters?	2.2656	75.52
13.	How much is he/she interested in learning new things?	2.4696	82.32
14.	How was your child's development regarding studies during these 4 years of Degree?	2.4084	80.28
15.	Would you recommend this institution to another parent?	2.4288	80.96

*U. Ravithir*  
Dept. Alumni Committee Member  
7-8-18

*[Signature]*  
HOD, CSE  
7/8/18



## Annexure - II(b)



### DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, Affiliated by JNTU, Kakinada)

GANGURU :: VIJAYAWADA – 521 139

#### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

#### SUGGESTIONS COLLECTED FROM PARENTS FEEDBACK FORMS

S. NO	SUGGESTIONS FROM THE PARENT
1.	Need more material and more lab hours
2.	Need more soft skills
3.	Arrange bus facility during semester exams and at the time of extra classes
4.	Need more non-academic activities
5.	Need more group discussions , debates, mock interviews
6.	Knowledge of GATE , GRE Tests
7.	Use of studying M-Tech and M.Sc
8.	Motivating to select their goals
9.	Encouraging to join in placement selection
10.	To cultivate the habit of speaking in English
11.	Activity of self learning and development
12.	Encouraging people to express their feelings positively
13.	Requesting to conduct parents meet every quarter
14.	Books should be provided in the library
15.	Should provide placements
16.	Take special interest on students
17.	Improve students to speak in English
18.	Need to improve computer knowledge

*P. Raviteja*  
Dept. Alumni Committee Member  
7-8-18

*[Signature]*  
HOD, CSE  
7/8/18

## ANNEXURE - III



DIET/7.2.3/ FT 04

### FEEDBACK FROM EMPLOYER

As industry is the ultimate customer of our Engineering Diploma / Engineering Graduates / PG Students, its satisfaction about standards and content of our service is utmost important. DIET always try to maintain a continuous dialogue with the industry and try to add new content accordingly. As an ultimate beneficiary of our quality service your support and feedback will help us to maintain the required standards of education .

Here some of the points to facilitate you in giving feedback about our students. You are requested to give remarks in the box provided against each item as per the following norms:

5	4	3	2	1
Excellent	Very good	Good	Satisfactory	Poor

Name of the Company / institute : ..... INFOSYS .....

Name of the evaluating person with designation: ..... RAKSHIT .....

..... HR - Recruitments .....

Present postal address: .. INFOSYS, Mysore Campus .....

..... Karnataka, India .....

Mobile : .. 90-8956234 .. E-Mail: .. rakshit@infosys.com .....

#### ABOUT OUR STUDENT ALREADY EMPLOYED

1. Ability to contribute to the goal of your company : ..... yes .....
2. Technical knowledge / skill : ..... Above average .....
3. Ability to manage leadership : ..... Satisfactory .....
4. Innovativeness, creativity : ..... upto the expectations .....
5. Relationship with seniors : ..... Good .....
6. Involvement in social activities : ..... yes .....
7. Ability to take-up extra responsibility : ..... yes .....
8. Obligation to work beyond schedule if required : ..... mandatony .....
9. Overall impression about the performance : ..... Good .....

Name and signature of employer with date

*[Handwritten Signature]*

## ANNEXURE - IV(a)



### DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY (Approved by AICTE Affiliated to JNTU Kakinada)

Ganguru, Vijayawada – 521 131. Phone: 0866 – 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

#### Feedback Analysis Report-- Theory

Dept:CSE	Year:3	Sem:2	Sec:A
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S.No	Subject	Faculty Name	Aggregates	Percentage	
1	Software Engineering	Mr. A Satish Kumar	4.66/5	93.25%	<a href="#">View Details ( parameters_theory.php?pp=0 )</a>
2	Web Technologies	Mr. K Sandeep	4.7/5	94%	<a href="#">View Details ( parameters_theory.php?pp=1 )</a>
3	Computer Networks	Ms. S Praneetha	4.73/5	94.68%	<a href="#">View Details ( parameters_theory.php?pp=2 )</a>
4	Data Warehousing & Data Mining	Ms. CH Padmini	4.19/5	83.83%	<a href="#">View Details ( parameters_theory.php?pp=3 )</a>
5	Design and Analysis of Algorithms	Mr. Y Ashok	4.69/5	93.83%	<a href="#">View Details ( parameters_theory.php?pp=4 )</a>
6	Intellectual Property Rights	Mr. V V R Manoj	4.74/5	94.71%	<a href="#">View Details ( parameters_theory.php?pp=5 )</a>

PRINT (print\_theory.php)

<b>Total No of Students</b>	63	<b>No of Students Participated</b>	59	<b>Percentage of Participation</b>	93.65%
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## ANNEXURE - IV(b)



### DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE Affiliated to JNTU Kakinada)

Ganguru, Vijayawada – 521 131. Phone: 0866 – 2583842 / 43.

Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

### Feedback Analysis Report-- Individual Faculty(Theory)

<b>Faculty Name</b> :Mr. Y Ashok	<b>Dept:</b> CSE	<b>Subject:</b> Design and Analysis of Algorithms	<b>Year:</b> 3	<b>Sem:</b> 2	<b>Sec:</b> A
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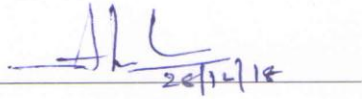
S.no	Parameters	Score
1	Lectures were well prepared & Organized?	93.9%
2	Blakboard writing/visual aids are clear & organized?	92.88%
3	Lectures deleivered with emphasis on fundamental concepts, examples?	92.54%
4	Teachers engages classes regularly & maintains discipline?	92.88%
5	Difficult topics were taught with adequate attention & ease?	95.59%
6	Faculty able to deliver lectures with good communication skills?	95.25%
7	Students are encouraged to ask questions, to make lectures interactive & lively?	94.58%
8	Teacher is effective in preparing students for exams?	93.9%
9	Evaluation is fair and impartial & helping you to improve?	92.54%
10	Faculty is accessible to students for guidance & solving queries?	94.24%

Total Percentage : 93.83%




Name **Dr A Kiran Kumar, Professor in ME**

Name **Dr Ravi Kadiyala, Principal**



Signature of the Coordinator, IQAC



Signature of the Chairperson, IQAC

Principal

\*\*\*

Dr Ravi Kadiyala  
Principal  
Jawahar Institute of Engineering and Technology  
Jawahar Nagar, V. JAYAWADA-521 139

**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

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