



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

1. Name of the Institution	DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY
Name of the head of the Institution	Dr. Ravi Kadiyala
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	091-9441675588
Mobile no.	9491017088
Registered Email	diet.principal@gmail.com
Alternate Email	principal@diet.ac.in
Address	Ganguru, Penamaluru(Mandalam), Krishna(District), Andhra Pradesh-521 139.
City/Town	VIJAYAWADA
State/UT	Andhra Pradesh

Pincode	521139																		
<b>2. Institutional Status</b>																			
Affiliated / Constituent	Affiliated																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	Self financed																		
Name of the IQAC co-ordinator/Director	Dr. A Kiran Kumar																		
Phone no/Alternate Phone no.	919491017088																		
Mobile no.	9848443423																		
Registered Email	ayyagari3@gmail.com																		
Alternate Email	diet.principal@gmail.com																		
<b>3. Website Address</b>																			
Web-link of the AQAR: (Previous Academic Year)	<a href="https://diet.ac.in/wp-content/uploads/2021/11/AQAR-2017-18.pdf">https://diet.ac.in/wp-content/uploads/2021/11/AQAR-2017-18.pdf</a>																		
<b>4. Whether Academic Calendar prepared during the year</b>	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="https://www.diet.ac.in/pages/mandatory/acuploads/AC-18-19-I-SEM.pdf">https://www.diet.ac.in/pages/mandatory/acuploads/AC-18-19-I-SEM.pdf</a>																		
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<b>6. Date of Establishment of IQAC</b>	01-Jun-2016																		
<b>7. Internal Quality Assurance System</b>																			
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IQAC		
BRAIN STROMING SESSION ON MENTORING PROCESS	29-Jul-2019 01	17
AN INDUCTION PROGRAM ON INSTITUTION PROCEDURE TO NEWLY JOINED TEACHING AND NON TEACHING STAFF	05-Jul-2018 01	45
ALUMNI MEET	02-Mar-2019 01	106
A PROGRAM ON AUTONOMOUS PROCESS OF THE INSTITUTION	14-Jul-2018 01	74
ONE DAY WORKSHOP ON OUTCOME BASED EDUCATION IN ASSOCIATION WITH IUCEE APSSDC	04-Dec-2018 01	137
AN ORIENTATION PROGRAM ON COUNSELING	27-Aug-2018 01	270
START UP DHANEKULA TO PROMOTE INNOVATIVE IDEAS	24-Jan-2019 02	2200
DHANEKULA INNOVATION DAY TO AWARD BEST INNOVATIONS FOR THE YEARS	09-Mar-2019 01	26
RECOGNITION BY INDIAN ASSOCIATION FOR THE BLIND FOR FUND COLLECTION	18-Aug-2018 01	1500

L::asset('/','public').'/public/index.php/admin/get\_file?file\_path='.encrypt('Postacc/Special\_Status/'.\$\_instdata->upload\_special\_status))}

[View Uploaded File](#)

**8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
No Files Uploaded !!!				

**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View Link](#)

**10. Number of IQAC meetings held during the year :**

2

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional

Yes

website																							
Upload the minutes of meeting and action taken report	<a href="#">View Uploaded File</a>																						
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No																						
<b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b>																							
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 programs for students to improve their technical acquaintance.																							
Proposing the management support for Research Projects and encouraging research collaborations.																							
Regular Interaction with class representatives and class coordinators of each and every department for maintaining and sustaining quality education.																							
<a href="#">View Uploaded File</a>																							
<b>13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year</b>																							
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contribution to the community	contribution to the community				
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14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1"> <tr> <td>Name of Statutory Body</td> <td>Meeting Date</td> </tr> <tr> <td>Governing body</td> <td>10-Jan-2019</td> </tr> </table>		Name of Statutory Body	Meeting Date	Governing body	10-Jan-2019
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Governing body	10-Jan-2019				
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes				
Date of Visit	10-Jan-2019				
16. Whether institutional data submitted to AISHE:	Yes				
Year of Submission	2019				
Date of Submission	26-Feb-2019				
17. Does the Institution have Management Information System ?	No				

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Dhanekula Institute of Engineering and Technology (DIET) is affiliated to JNTU Kakinada and the curriculum and syllabi framed by the University is being followed for all UG and PG programs. Academic Calendar • The institution prepares a semester-wise calendar outlining working days, government and local holidays, and schedules for internal assessments and university exams. • Simultaneously, department calendars align with the institution's framework, incorporating department-specific events like workshops, industrial visits, value-added courses, and club activities for a cohesive scheduling approach.

Quality of Classroom teaching Our institution is committed to maintaining high-quality classroom teaching through the effective delivery of content, utilizing diverse instructional methods and live interactive sessions with modern ICT tools. We give precedence to student interests by incorporating a range of electives into the curriculum. For students unable to complete courses within their regulation, there is an option for re-registration/readmission in the subsequent regulation, contingent upon prior approval from the university. Additionally, the university may introduce substitute subjects in response to regulation variations, ensuring students receive advance notice for a smooth transition in their academic journey. Instructional methods and pedagogical initiatives • The institution follows Outcome-Based Education (OBE), with faculty aligning course plans to the academic calendar and prescribed syllabus

for precision. • Faculty utilizes innovative, technology-driven teaching methods alongside traditional approaches, fostering an enriched learning environment for students. • Faculty uses Video lectures, illustrating real-world problems with industrial examples. • The department showcases static and working models, simulations, animations, and implemented projects. • E-materials are prepared and made available for easy and immediate reference. • Expert Lectures are invited to bridge the Industry-Academia gap effectively. • Additional courses are introduced to enhance knowledge beyond the prescribed syllabus. • Organized tutorials and e-learning classes encourage participative learning among peers. • Initiating group discussions and brainstorming sessions fosters collaborative learning opportunities among participants. • Assignments are provided to cultivate self-study skills in students. • Laboratory practices are mandatory to have hands-on experience. • Students are encouraged to participate in seminars, conferences, and journals to enhance their researching and presenting skills. • Central and department libraries, well-stocked with both print and online resources, strive for comprehensive knowledge enrichment. • Opportunities exist for collaboration research program and field studies. • Students undertake projects and dissertation work in industries, receiving joint guidance from faculty and industry experts. • Faculty provides professional consultancy services to industries. • Established organizations maintain rapport with contemporaries for mutual support and collaboration.

Monitoring system for curricular delivery • HODs and IQAC coordinators maintain a continual assessment of curriculum delivery, gathering periodic formal and informal feedback from students. • Faculty members, assigned a mentoring ratio of 1:20, provide guidance on both academic and personal matters. • The class committee, inclusive of student representatives, actively participates in decision-making processes, addressing academic and administrative issues. • The integration of Outcome-Based Education (OBE) ensures effective curriculum delivery, with internal question papers structured to evaluate Course Outcomes (COs).

#### 1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship	Skill Development
A two-week certification program on Revit Structure	Civil Engineering	09/07/2018	12	Employability	Skill Development
A two-week certification program on Revit Architecture	Civil Engineering	26/11/2018	11	Employability	Skill Development
A two-week certification program on IoT	Electrical and Electronics Engineering	26/11/2018	11	Employability	Skill Development
A Two Week Certification Program on Artificial Intelligence	Mechanical Engineering	04/09/2018	12	Employability	Skill Development
A two-week Add-on	Electronics	09/07/2018	12	Employability	Skill Development

Program on Python Fundamentals	and Communication Engineering				
A two-week Add-on Program on PCB Design	Electronics and Communication Engineering	17/12/2018	11	Employability	Skill Development
A two-week Add-on Program on Game Development	Computer Science and Engineering	10/09/2018	12	Employability	Skill Development
A two-week Add-on Program on Mobile Application Development	Computer Science and Engineering	31/12/2018	12	Employability	Skill Development
A two-week Add-on Program on Computing and Technological solutions with AI	Computer Science and Engineering	18/06/2018	12	Employability	Skill Development

## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	Civil Engineering	11/06/2018
BTech	Electrical and Electronics Engineering	11/06/2018
BTech	Mechanical Engineering	11/06/2018
BTech	Electronics and Communication Engineering	11/06/2018
BTech	Computer Science and Engineering	11/06/2018
<a href="#">View Uploaded File</a>		

### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Civil Engineering	11/06/2018
BTech	Electrical & Electronics Engineering	11/06/2018
BTech	Mechanical Engineering	11/06/2018
BTech	Electronics & Communication Engineering	11/06/2018

BTech	Computer Science & Engineering	11/06/2018
Mtech	Computer Science & Engineering	11/06/2018
Mtech	VLSI Design	11/06/2018

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	1040	0

### 1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
A YOGA Peace in body	21/06/2018	108
<a href="#">View Uploaded File</a>		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Civil Engineering	196
BTech	Electrical & Electronics Engineering	163
BTech	Mechanical Engineering	158
BTech	Electronics & Communication Engineering	332
BTech	Computer Science and Engineering	454
<a href="#">View Uploaded File</a>		

### 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?  
(maximum 500 words)

Feedback Obtained
<p>The principal has approved the representation of the curriculum input to the university, which is made up of members of the syllabus framing committee and the College Board of Studies (BOS). Feedback can be broadly categorized into two levels according to the Institutional Hierarchical Framework. • The principals approval is obtained for required initiatives and measures, as well as department level comments presented in department meetings. • The Principal is in charge of the Academic Council Members (ACM), who analyze comments from colleges. Every stakeholder is regularly contacted by our institute in order to get feedback that will be used for the institutions overall development.</p>



Different types of Feedback taken throughout the Academic Year with Stakeholders given as follows: Feedback are collected from the following groups identified as stakeholders 1. Current students 2. Alumni 3. Faculty 4. Parents The principal presides over regular ACM meetings, which are held in accordance with all of the feedback that has been gathered. The following essential components of efficient institutional management are a major focus of these sessions.

- Precautions against unfavourable comments.
- Future plans and matters that need to be handled at the administrative and institutional levels.
- Putting together a variety of activities and giving department instructors and students instructions.
- To ensure that the institution operates in a transparent manner based on feedback from various stakeholders. The minutes from earlier meetings are given, suggestions for enhancements are deliberated, and actions to guarantee the smooth operation of the administration are determined.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
Mtech	VLSI Design	24	1	1
Mtech	Computer Science & Engineering	24	2	2
BTech	Computer Science & Engineering	120	120	120
BTech	Electronics & Communication Engineering	120	131	131
BTech	Mechanical Engineering	120	96	96
BTech	Electrical & Electronics Engineering	60	47	47
BTech	Civil Engineering	120	96	96

[View Uploaded File](#)

### 2.2 – Catering to Student Diversity

#### 2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	490	3	128	4	4

### 2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
136	136	17	46	0	14
<a href="#">View File of ICT Tools and resources</a>					
<a href="#">View File of E-resources and techniques used</a>					

### 2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

In our institution, we have a mentoring system for establishing a better and effective relationship between student and teacher and also continuously monitor and guide students in educational, as well as in career development. Every mentor effectively interacts with allotted mentees regarding their performance in academic progress, personal issues, ambitions and career development. All teachers work as mentors for students allotted to them. The students must feel to confide with their mentors. This is a continuous process till the end of academic career of student. Based on their performance, the mentor used to give effective counseling and motivating the students to come out from the problems and chances to stabilize their life in critical aspects. Mentors are assigned to monitor and guide students all through the four years. Mentors coordinate with the parents regarding the progress of the students, and special counseling is also provided for both the students and parents. In isolated cases parents are called for counseling and their special meeting with the principal at the suggestion of the mentor. Mentors communicate with fellow faculty and promote mentees at the time of difficulty / opportunity to help them develop further in their areas of interest. The students who find it difficult to learn due to lack of self-motivation and grasping power in regular learning methods will be specially encouraged to increase mentees self-confidence, learning and listening abilities. The wards' performances are communicated to the parents regularly. Mentors maintain and update the mentoring format after collecting all necessary information. Mentors are expected to offer guidance and counseling as and when they required. It is the practice of mentors to meet students individually or in groups. If a student is identified as having weakness in particular subject, it is duty of mentor to apprise the concerned subject teacher. Every week meeting is arranged by mentors for their mentee in each semester. Separate counseling class given each week. This system has been useful in identifying slow and advanced learner and through a careful examination of each mentors report the college has organized 'Remedial Classes' in identified topics. Types of mentoring done in our institution are 1. Professional Guidance – Regarding professional goals, selection of career and higher education. 2. Career Advancements – Regarding self-employment, entrepreneurship development, opportunities, morale, honesty, integrity required for career growth. 3. Course work Specific – Regarding attendance and performance in present semester and overall performance in the previous semester. a) The attendance percentage of the students has increase to greater extend. b) The number of detainment of students has decrease consistently. c) Due to direct communication between mentor and the student, there was good improvement in student-teacher relationship.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2012	136	1:15

## 2.4 – Teacher Profile and Quality

### 2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
16	16	0	16	21

### 2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	G.L Madhumathi	Professor	BOS Member, P.B.Siddharthi College of Arts

			Science
2019	S. Suresh	Professor	BOS Member, AGSGS College.
2018	V Vasanthi	Associate Professor	Women Achievers - IWD 2k19 by Storm Overseas Education, Vijayawada.
<a href="#">View Uploaded File</a>			

## 2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	01	I-I	15/11/2018	07/01/2019
BTech	02	I-I	15/11/2018	07/01/2019
BTech	03	I-I	15/11/2018	07/01/2019
BTech	04	I-I	15/11/2018	07/01/2019
BTech	05	I-I	15/11/2018	07/01/2019
BTech	01	II-I	12/11/2018	26/12/2018
BTech	02	II-I	12/11/2018	26/12/2018
BTech	03	II-I	12/11/2018	26/12/2018
BTech	04	II-I	12/11/2018	26/12/2018
BTech	05	II-I	12/11/2018	26/12/2018
<a href="#">View Uploaded File</a>				

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

This Institution is affiliated to JNTUK. As per the university guidelines, Institution is strictly adhered with respect to evaluation process. Two internal examinations, two online examinations and 6 class tests will be conducted per semester. The assessments schedules are communicated to students in the beginning of the semester through institute academic calendar. Internal exam time table is displayed on the notice board well in advance. University prescribed the six units of syllabi in each course. Institution level course planner is prepared by the faculty and course handouts are distributed to every student of that class. Blooms Taxonomy leveled question papers are framed for both internal and class tests. As mentioned above 6 class tests are conducted to cover each unit accordingly for 30 marks and later it is scaled to 5 marks.

For the University internal exams the subject faculty prepares the question bank on each course, DAC checks the quality of the question bank and forward it for framing two sets of for 15 marks internal question papers which covers three units of syllabi must maintain the BTL level. After approval from the DAC course coordinators shall submit two sets of question papers to the department exam coordinators two days before the day of test to ensures smooth conduction of test and proper valuation of internal papers. From two sets, picked any one set by the Principal/CEI/HOD .Online examination of each course will be conducted for 10 marks. Faculty prepares and submit the scheme of evaluation to the exam section for the future reference. Here 25 marks (15 for Theory and 10 for online exam) for internals and 5 marks for class tests. In total 30 marks

for Internals and 70 marks for externals. Students are allowed to see the valued answer scripts of internal tests. Test performance is intimated to the parents in 2 days and is discussed in Parent Teachers Meeting which is conducted once in a semester. After completion first class test slow and advanced learners are identified. Students are motivated to improve their performance through periodical counseling by adopting 20 students to a faculty as a mentor. Mentors sort out the personal issues, academic and non-academic problems of their mentees and provide counseling and guidance. For Practical courses as per university guidelines one internal practical examination is conducted for 25 marks (5 for record work, 5 for execution, 5 for viva-voce practical test and 10 for internal lab exam) for Internals and 50 marks for external lab exam. Final Year Project evaluation is taken up through internal assessment and external assessment. Internal assessment is done by conducting four internal reviews. In 0th Review student should present abstract and mapping with the POs. In first review students are instructed to give a PPT for the project regarding Model development and work progress. In second review: students are instructed to submit Design/Experimental document of the project. In third review students are instructed to submit complete project report.

### 2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Yes. Institution adheres to the academic calendar for the conduction of continuous internal examination. The academic calendar of the Institution is prepared by the Principal in consultation with HODs before commencement of every semester and consists of: Holidays Schedule for internal exams Last working day Date of practical University examination Institutional level functions viz college day, sports day etc. Based on the Institution academic calendar, department academic calendar is prepared by the HOD in consultation with faculty members. The department academic calendar consists of Schedule of internal exams Seminars/ workshops Value added courses Conferences Revision The academic calendar is displayed on departmental notice boards. Based on the academic calendar each faculty member prepares teaching plan for theory and lab courses. Course loads are allocated to faculty members well before advance so that they could make the plans. The teaching plan includes: Study material including question bank for students Syllabus and deliver plan Teaching pedagogy to be used for each content delivery Assignments to be given Slow learners classes Plan of Continuous Internal Exam Each continuous internal exam is well planned by the exam cell of each department governed by the exam cell of the institution. Two numbers of internal exams are conducted per semester. Syllabus for each internal exam is clearly defined at the beginning of the semester, 3rd day from the subject exam, the answer papers are given to the students and any changes will be addressed. The internal marks are entered in the University web portal as declared by the university. Internal marks are displayed in the notice board for the benefit of students. Following preparation are carried by the exam cell for the conduction of internal exam Exam coordinator of the department collects the stationary from the store based on the number of students and subjects. Hall plan is displayed by the exam coordinator Hall invigilators list is prepared Students and faculty members are given appropriate instruction on the conduction procedure, do's and don'ts Two sets of internal examination question papers are collected from the subject teacher Hall invigilator collects the answer script from the department exam cell and returns upon the completion of each exam. Exam cell collect the internal exam marks and prepare the result analysis presentation where HOD in the presence of faculty members, analyze the salient features. Based on the analysis report, remedial is decided to improve the result of the department.

## 2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the

institution are stated and displayed in website of the institution (to provide the weblink)

<http://naac.diet.ac.in/AQAR-2018-19/C-2-Data/QlMs/Cr-2.6.1/2018-2019-2.6.1.pdf>

## 2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
01	BTech	Civil Engineering	111	100	90.09
02	BTech	Electrical & Electronics Engineering	56	49	87.5
03	BTech	Mechanical Engineering	127	104	81.89
04	BTech	Electronics & Communication Engineering	138	128	92.75
05	BTech	Computer Science & Engineering	119	116	97.48
58	Mtech	Computer Science & Engineering	1	1	100
<a href="#">View Uploaded File</a>					

## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://naac.diet.ac.in/AQAR-2018-19/C-2-Data/QlMs/Cr-2.7.1/2018-2019-2.7.1.pdf>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Any Other (Specify)	365	Central Ware housing corporation, Vijayawada	0.5	0.5
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### 3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
A program on Entrepreneurship in modified hydroelectric turbines	ME	05/07/2018
A Two Day Workshop on Research Methodology	CSE	23/10/2018
Workshop on Intellectual Property	EEE	24/11/2018
sources innovation in rural background	CIVIL	01/12/2018
Entrepreneurship ecosystem, update about smart idea pitch and win contest 2018	EDC	21/12/2018
Innovation Day	EDC	09/03/2019
A One Day Seminar on How to Write a Research Proposal	CSE	18/03/2019

### 3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NIL	NIL	NIL	Nill	NIL
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### 3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	Nill
<a href="#">View Uploaded File</a>					

## 3.3 – Research Publications and Awards

### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
No Data Entered/Not Applicable !!!		

### 3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
BS and H	2

### 3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
Nill	ECE	4	Nill
Nill	CSE	0	Nill
Nill	ME	5	Nill
Nill	CE	21	Nill
Nill	EEE	1	Nill

Nil	BSH	9	Nil
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Basic Science Humanities	1
Electronics Communication Engineering	1
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Modeling, Performance Analysis of Aero Piston Engine	Dr.A. KiranKumar	Jour of Adv Research in Dynamical Control Systems	2018	0	DIET	0
Probability Study of Thermal Stresses Distribution in Thick Hk 40 Stainless Steel Pipe using Finite Element Method	Bobba Sujith,	Journal of Designs (MDPI)	2018	4	DIET	4
Probability Study of Thermal Stresses Distribution in Thick Hk 40 Stainless Steel Pipe using Finite Element Method	S.M.Rahe man	Journal of Designs (MDPI)	2018	4	DIET	4
Spectroscopic properties of PbO-Sb <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> :Mn	Dr.M.Nagarjuna	Materials today Proceedings	2018	1	DIET	1

O glass system						
Boundary layer flow of nanofluids to analyse the heat absorption/generation over a stretching sheet with variable suction/injection in the presence of viscous dissipation	Mr.K.Das aradha Ramaiah	International journal of Ambient energy	2018	7	DIET	7
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Modeling, Performance Analysis of Aero Piston Engine	Dr.A. KiranKumar	Jour of Adv Research in Dynamical Control Systems	2018	25	0	DIET
Probability Study of Thermal Stresses Distribution in Thick Hk 40 Stainless Steel Pipe using Finite Element Method	Bobba Sujith,	Journal of Designs (MDPI)	2018	5	4	DIET
Probability Study of Thermal Stresses Distribution in Thick Hk 40 Stainless	S.M.Rahe man	Journal of Designs (MDPI)	2018	5	4	DIET



Steel Pipe using Finite Element Method						
Spectroscopic properties of PbO-Sb <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> :MnO glass system	Dr.M.Nagarajuna	Materials today Proceedings	2018	69	1	DIET
Boundary layer flow of nanofluids to analyse the heat absorption/generation over a stretching sheet with variable suction/injection in the presence of viscous dissipation	Mr.K.Das aradha Ramaiah	International journal of Ambient energy	2018	37	7	DIET
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### 3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Presented papers	1	0	0	0
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### 3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
SBSI (SWACHH BHARATH SUMMER INTRENSHIP)	MHRD JNTUK NSS CELL	6	89
FUND RAISING FOR IAB	INDIAN ASSOCIATION FOR BLIND	6	376
FUND RAISING FOR KERALA	DIET NSS UNIT	6	512

MEGA BLOOD DONATION CAMP	LIONS CLUB VIJAYAWADA	6	543
MEGA BLOOD DONATION CAMP	RED CROSS VIJAYAWADA DIET NSS	6	22
SPECIAL CAMP	JNTUK NSS CELL	6	25
FUND COLLECTION GOPAL	DIET NSS UNIT	6	338
AMARAVATHI MARATHON	JIO	6	81
ROAD SAFETY AWARENESS	MINISTRY OF ROAD TRANSPORT HIGHWAYS	6	100
MAHA SIVA RATRI FESTIVAL	RAMALINGESWARA SWAMY TEMPLE	6	100
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
FUND RAISING FOR IAB	APPRECIATION FOR SUPPORT IN FUND RAISING	INDIAN ASSOCIATION FOR BLIND	376
MEGA BLOOD DONATION CAMP	APPRECIATION FOR SUPPORT IN BLOOD DONATION	LIONS BLOOD BANK VIJAYAWADA	543
UBA	CONGRATULATION LETTER FROM IITD	IITD, INDIA	100
MAHA SIVA RATRI FESTIVAL	APPRECIATION FOR VOLUNTARY SUPPORT	ENDOWRSEMENT DEPARTMENT OF RAMALINGESWARA TEMPLE	100
HAPPY SUNDAY'S	APPRECIATION FOR VOLUNTARY SUPPORT	NEW CITY BLOOD BANK, VIJAYAWADA	100
AWARENESS ON BLOOD CANCER	APPRECIATION FOR PARTICIPATION	VIVEKANANDA YOUTH ASSOCIATION	69
<a href="#">View File</a>			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
NSS	FUND COLLECTION GOPAL	DIET NSS UNIT	6	338
NSS	AMARAVATHI MARATHON	JIO	6	81
NSS	ROAD SAFETY AWARENESS	MINISTRY OF ROAD TRANSPORT HIGHWAYS	6	100

NSS	MAHA SIVA RATRI FESTIVAL	RAMALINGESWARA SWAMY TEMPLE	6	100
NSS	SBSI (SWACHH BHARATH SUMMER INTERNSHIP)	MHRD JNTUK NSS CELL	6	89
NSS	FUND RAISING FOR IAB	INDIAN ASSOCIATION FOR BLIND	6	376
NSS	FUND RAISING FOR KERALA	DIET NSS UNIT	6	512
NSS	MEGA BLOOD DONATION CAMP	LIONS CLUB VIJAYAWADA	6	543
NSS	MEGA BLOOD DONATION CAMP	RED CROSS VIJAYAWADA DIET NSS	6	22
NSS	SPECIAL CAMP	JNTUK NSS CELL	6	25
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### 3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
NIL	NIL	NIL	0
<a href="#">View File</a>			

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Student Internships	Industry and institute collaboration	BSNL Vijayawada	25/01/2016	19/01/2019	12
Student Internships	Industry and institute collaboration	Santosh MOTORS PRIVATE LIMITED	01/03/2017	31/12/2020	1
Certifications	Corporate house and institute collaboration	ORACLE University	01/07/2014	31/12/2020	1
Certifications	government organization and institute co	APSSDC	01/07/2014	31/12/2020	113

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Harshaliners Pvt Ltd	28/02/2017	VISIT	1
Santosh Honda	18/08/2016	INTERNSHIP	5
Eduskills	25/04/2015	Certification Programmes on CAD softwares	1
Conduira Education Training Service Pvt Ltd	10/07/2018	students training for campus placements	130
Spoken Tutorial	12/06/2018	Certifications	12
VR Siddhartha Engineering College, VJY Under AICTE MARGDARSHAN SCHEME	20/06/2018	FDPs	11
Industry Institute Interaction	09/10/2018	Field Trip	66
Industry Institute Interaction	14/07/2018	Field Trip	53

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#### CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

##### 4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
16500000	17362898

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing

Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
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#### 4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
ECAP	Fully	3.5	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	21783	9620183	586	212083	22369	9832266
e-Books	1200	417207	Nill	Nill	1200	417207
Journals	90	244100	Nill	Nill	90	244100
e-Journals	10180	678503	Nill	Nill	10180	678503
Digital Database	Nill	100556	Nill	Nill	Nill	100556
CD & Video	350	Nill	Nill	Nill	350	Nill
Library Automation	Nill	13670	Nill	Nill	Nill	13670

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Nill	Nill	Nill	Nill

No file uploaded.

#### 4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Co mputers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departme nts	Available Bandwidt h (MBPS/ GBPS)	Others
Existin g	1054	21	0	1	1	1	6	106	0
Added	0	0	0	0	0	0	0	0	0
Total	1054	21	0	1	1	1	6	106	0

#### 4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

106 MBPS/ GBPS

#### 4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Nill	Nill

### 4.4 – Maintenance of Campus Infrastructure

#### 4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
15000000	16100872	15000000	11291505

#### 4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The institution has defined procedures for maintaining physical, academic and support facilities as per the maintenance policy. There is a centralized maintenance section which is headed by a Maintenance engineer and supported by skilled technicians. This section takes care of maintenance of infrastructural facilities which includes plumbing works, electrical, carpentry, masonry and sewage works. Monthly monitoring of electrical equipment such as Generator, UPS, and Batteries is done, and its Status is entered in the Log/Stock Book. The suppliers/service providers are approached in case of any major fault. The Department of Mechanical Engineering maintains the central workshop facility which provides the services including custom fabrication of cabinets, desks, counter tops, installation of doors and windows, and frames for displaying banners. The functioning of college intranet and internet facility is monitored and maintained by the hardware technicians in association with Network administrator of CSE Department. Central library supports textbooks, reference books, journals and periodicals for issue to students, staff and faculty. Digital library caters e-books, e-journals and online resources that can be utilized within the library and also within the campus with proper user credentials. Equipment in the laboratories is maintained regularly. The in-house maintenance and repairs are addressed by the respective department technicians who are qualified and trained. Every Department has a faculty in-charge who will periodically check the condition of classroom/laboratory amenities like benches, chairs, black boards, fans, lights and LCD's. The in charge will resolve the problem through the Head of the Department following the internal operating procedure. Around 1500 computers, sufficient printers and scanners are available for the staff and students. Computers and software in the laboratories are maintained by computer hardware technicians under the supervision of a senior faculty. The playground and sporting equipment including Gym facilities are regularly available and maintained under the supervision of Physical Director. The College encourages the students to participate in social and nation building activities. It aims to motivate the students to identify the needs and problems of the community and involve them in problem solving process. The Institute has RO plant, which provides 24x7 drinking water facility. Sufficient number of water coolers is available in the departments to provide clean drinking water. Periodically the quality of water is tested in the Environmental Engineering laboratory. Adequate manpower is employed to maintain cleanliness of the campus, Classrooms, Staff rooms,

Seminar halls and Laboratories, etc. Washrooms and rest rooms are well maintained. The Green Cover of the campus is well maintained by full time gardeners. Qualified Medical Doctor visits and conducts required medical checkups for the students. The college has Canteen facility where subsidized food is available for staff and students. Union bank of India branch is located near the campus to facilitate transactions.

<https://diet.ac.in/>

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	DHANEKULA INSTITUTE OF ENGINEERING TECHNOLOGY	377	5502900
Financial Support from Other Sources			
a) National	Post Matric Scholarships, Helping Hands from Government of Andhra Pradesh	1356	52956450
b) International	Nill	Nill	Nill
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#### 5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Soft skill development	18/06/2018	1012	Omega Solutions, DIET, Face Academy Pvt Ltd
Remedial Coaching	25/06/2018	282	DIET
Language Lab	18/06/2018	1012	Omega Solutions, DIET, Face Academy Pvt Ltd
Bridge Course	25/06/2018	936	DIET
Yoga	21/06/2018	108	Mrs L.Shanthi , Secretary for Women Yoga of Krishna District
Meditation	21/06/2018	108	Mrs L.Shanthi , Secretary for Women Yoga of Krishna District
Mentoring	25/06/2018	2027	DIET
<a href="#">View File</a>			

#### 5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	Studying M.S Abroad	1025	Nil	24	Nil
2018	Guidance on Interview skills & Resume Design	Nil	491	Nil	319
<a href="#">View File</a>					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
2	2	2

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Aliens Developers, Amazon Effive India Pvt Ltd, Balaji Industries, CINIF Technologies, efftronics, Eleation, Gamma Process Hub, IBEON INFOTECH, L-Cube Innovative, Nouveau Medicament Pvt Ltd, PATH FRONT, RAAM Group, RATNA GLOBAL TECHNOLOGIES Pvt.Ltd ,	1109	253	Atos Syntel, Wipro, Infosys, IBM, VIRTUSA, Taxilla IT Solutions, T AS Design Tech, SPARKMINDS, HCL, Capgemini, Qentell solutions Pvt Ltd, APTIV automotive technology supplier, Accenture, ABOVEO, JK Tech	1151	66
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### 5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	1	B.Tech	CIVIL	DHANEKULA INSTITUTE OF ENGINEERING TECHNOLOGY	M.TECH
2018	2	B.Tech	CIVIL	DJR ENGG. COLLEGE	M.TECH
2018	1	B.Tech	CIVIL	GUDLAVALLERU ENGINEERING COLLEGE	M.TECH
2018	1	B.Tech	CIVIL	JNTUK	M.TECH
2018	3	B.Tech	CIVIL	KL UNIVERSITY	M.TECH
2018	1	B.Tech	CIVIL	LPU PUNJAB	M.TECH
2018	1	B.Tech	CIVIL	NALANDA INST OF ENGG TECH	M.TECH
2018	1	B.Tech	CIVIL	NICMAR	PGP PEM
2018	1	B.Tech	CIVIL	SWINBRUNE UNIVERSITY OF TECHNOLOGY, AUSTRALIA	MS
2018	1	B.Tech	Computer Science & Engineering	COVENTRY UNIVERSITY	MS
<a href="#">View File</a>					

### 5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	1
GRE	2
Any Other	21
<a href="#">View File</a>	

### 5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
KHO-KHO, JNTUK C Zone DIET	NATIONAL	12
VOLLEY BALL, JNTUK C Zone DIET	NATIONAL	12
KABBADI, JNTUK C Zone DIET	NATIONAL	12

BASKET BALL, JNTUK C Zone DIET	NATIONAL	12
BADMINTON, JNTUK C Zone DIET	NATIONAL	5
TABLE TENNIS, JNTUK C Zone DIET	NATIONAL	5
Sankaranthi	NATIONAL	234
WORLD POPULATION DAY	NATIONAL	98
ANNUAL DAY	NATIONAL	38
INDEPENDENCE DAY	NATIONAL	42
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### 5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	I Prize in Magic Show	National	Nil	1	178T1A0209	D.Pushpa Leela Kumari
2018	I Prize in Group Dance	National	Nil	1	168T1A0105	B.Yuva Raj 1 member
2018	I Prize in Group Dance	National	Nil	1	178T1A0209	D.Pushpa Leela Kumari
2018	I Prize in Magic Show Dance	National	Nil	1	178T1A0209	D.Pushpa Leela Kumari
2018	I PRIZE IN MAGIC SHOW	National	Nil	1	72246034 8617/178T1 A0209	D.PUSHPA LEELA KUMARI
2018	I PRIZE IN SELFIE RUN	National	Nil	1	72246034 8617/178T1 A0209	D.PUSHPA LEELA KUMARI
2018	II(Runner)	National	1	Nil	178T5A0208	N.Raghu
2018	Silver Medal (Second Place)	National	1	Nil	178T1A0328	J. Mohan Sai
2018	II( Runners)	National	1	Nil	178T1A0101	A Nikhil Satya Sai
2018	II PRIZE IN LAUGHTER CHALLENGE	National	1	Nil	168T1A0128	J Raj Kumar

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Our college has involved number of students in several academic and administrative committees. Academic Coordination Team: Students with good academic back ground and with leadership qualities from each section are chosen and nominated as student representative. They take initiation to monitor the class and to maintain discipline in the class. • The College has academic wise student's representatives which were established in 2010 with a name ACT (Academic Co-ordination Team). • Selection: Toppers from each class are nominated by the class faculty in-charge. • Principal and faculty members guide the students for the smooth functioning in various events and activities. Activities: The following activities are conducted with the help of students ? Monitoring of completion of syllabus. ? Organizing Inter collegiate competitions. ? Participation in the departmental study tour. ? Organizing various association programmes. ? Organization of sports events ? Every year new student members are added to this team in place of course completed

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

REGISTRATION NUMBER: AP11 87895183 No: 135 of 2017 Founded in 2009, Dhanekula Institute of Engineering and Technology in Vijayawada celebrated its first graduating class in 2013. An instrumental development unfolded in 2014 with the inception of the Alumni Association of Dhanekula Institute of Engineering Technology, an informal coalition dedicated to strengthening the ties between past students and the institution. The association endeavors to cultivate a reciprocal relationship through diverse activities, programs, and services. The institute, in conjunction with its management, instituted an annual requirement mandating all graduates to actively participate by enrolling in the association. The Alumni Associations foundational tenets encompass the arrangement of yearly alumni gatherings, the facilitation of seminars such as Alumni Talks, tailored awareness sessions for junior students, and the implementation of leadership training programs. Beyond these, the association is steadfast in its commitment to fostering unity, brotherhood, cooperation, and a culture of mutual assistance among its members. It extends its support further by providing financial aid to deserving students, recognizing academic excellence through awards spanning all engineering branches, and offering assistance to the underprivileged during natural calamities. A consistent flow of communication between Alumni Association members and the institutes leadership is a pivotal aspect, with regular interactions aimed at grasping the institutions evolving needs and expectations from its alumni. Annual alumni meetings, featuring active participation from college administration and senior faculty across departments, serve as forums for seeking guidance and garnering support for the ongoing development of the institution. These annual gatherings, typically held in April, provide alumni with a platform to share contemporary experiences, contribute feedback for the institutions holistic development, and offer valuable input for syllabus revisions. The inaugural Alumni meet in 2014 marked the initiation of a tradition where students from diverse graduating years converged to reminisce about their college days and share anecdotes. This event sparked the decision to formalize the Alumni Association, culminating in its official registration in 2017 under Andhra Pradesh, designated as Registration No. 135/2017/Vijayawada. The establishment of a WhatsApp group further facilitates seamless communication, fostering active interaction among alumni members. This unwavering commitment to alumni engagement underscores a collective enthusiasm to contribute to the institutions progress through avenues such as financial aid, donations, and

mentorship for students navigating projects infused with cutting-edge technology.

5.4.2 – No. of enrolled Alumni:

573

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

The Alumni Association of Dhanekula Institute of Engineering and Technology organized ALUMNI MEET on 2nd March, 2019. Objectives: ? To strengthen the alumni association and to know where about of the alumni. ? To involve alumni in different aspects for overall improvement of the college. ? To collect suggestions on different criteria`s for development of the college. ? To disseminate and to make aware of the different activities like Placements, Accreditation, Certification courses, value-added courses, teaching learning process e.t.c., following in the college to alumni and taking suggestions for improvement.

## **CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT**

### **6.1 – Institutional Vision and Leadership**

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

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. For the betterment of society involving faculty members and students in research and development. The main motto of the mission is to enable every individual to identify and resolve problems of humanity by empowering the staff and students. The vision looks forward to fulfill the needs of internal and external stake holders. Dhanekula Institute of Engineering Technology has an independent governing with an eminent personalities like Dr T Hanuman Chowdary, Fellow, TCS Director, Centre for Telecommunications Management Studies, Hyderabad, Dr V S Rao, Former Director, BITS Pilani, Sri D K R K Ravi Prasad, Sr AGM, Bharat Electronics Limited, Machilipatnam and others. All the members of GOB give their eminent support by actively participating and sharing their views and opinions. The governing body takes the responsibility of governing meetings and finalizing decisions for quality and equity of student's education. In order to take timely decisions the principal is empowered by GOB for a smooth functioning of the institution. He also extends its eminent support to all the faculty members by giving an opportunity for every faculty to display their leadership qualities. 1.College Academic Council 2.Department Advisory Committee 3.Internal Complaint Committee 4.Committee for SC/ST 5.OBC Cell 6.Minority Committee 7.Social Welfare Committee 8.Library Committee 9.Student Counselling Cell 10.Sports, Games and NCC Committee 11.NSS Committee 12.Art, Literary Cultural Cell 13.Exam./Admission Committee 14.TP and Career Guidance cell 15.Industry Partnership Cell 16.Entrepreneurship Cell 17.Public, Press Media Committee 18.Alumni Coordination Committee 19.RD and Consultancy 20.Professional Societies and Association Committee 21.Electrical Committee 22.ICT Committee 23.Anti- Ragging Cell 24.News Letter Committee 25.Grievance Redressal Cell 26.Sexual Harassment Eradication Cell 27.General Maintenance Committee 28.Transport Committee 29.Purchase Stores Committee 30.Internal Training Committee 31.Hostel Committee 32.Department Assessment committee 33.Right to Information Cell 34.Medical Committee 35.Canteen/Sanitation

Committee 36.IQAC Cell To ensure good functioning of administrative and academic process the principal implements designed policies. Planning and organizing the events is done by the IQAC. Through Various committees the principal and IQAC ensures participation of all the staff. Periodic program reviews are conducted for further improvement. Dhanekula Institution serves to develop collaboration, communication and decision making for continuous enhancement and development of institution. The crucial role in evaluating program outcomes is done by the assessment committee. All these recommendations helped the Institution to enhance in the intake from 240 with four undergraduate engineering courses in 2009 to 912 intake with 6 undergraduate 4 post graduate and 4 diploma courses at present. The NCC unit was established in the campus with 50 registrations every year 1(A) EME COY NCC, Vijayawada, and Institutional self-sponsored NSS unit in 2010 and recognized by JNTUK, Kakinada. There is a proposed for construction of 70000 sqft in third floor for additional facilities like Inter departmental collaborative research and incubation centers. Incubation centers and Upgradation of existing center of excellence and establishment of new skill centers.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

## 6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Industry Interaction / Collaboration	DIET Industry institute interaction cell performs the following functions i. To encourage the students to participate very actively in organising and conducting various workshops and training in the college. ii. To motivate the students to actively participate in various events and hackthon competitions outside the college. iii. To develop the team spirit among students. iv. To make the students aware about the latest technologies used by the industry for their career growth. v. To sort out any industry institute interaction related issues. vi. To schedule events/planner for the academic year in consultation with the Student's representative and management.
Research and Development	The college encourages innovation and supports Research activities. Incubation Centre is established. Students are encouraged to promote their ideas. Research Groups are formed in all departments. The college has functional MOUs with Industries. Guest Lectures, Workshops, Seminars and Conferences are organized on regular basis. Faculty are proactive in paper publication in reputed Journals. The college subscribes to eJournals and budget allocation is done to facilitate

Research activities. Entrepreneurship Development Cell is started to encourage entrepreneurial activities that result in start-ups. Faculty are encouraged to take up major and minor research projects sponsored by the Funding agencies such as UGC, DST and AICTE. DIET provides seed money to initiate Research activities. Financial assistance is provided to the Faculty for presenting Research papers at National and International Conferences. Faculty publications in National and International Journals are duly rewarded. Financial support is provided to the faculty for obtaining patents. The following centers create and sustain an inclination for Research. The institution provides resources for the propagation of innovative ideas. Various out reach programs are taken up.

#### Curriculum Development

The curriculum is developed by the university, as Dhanekula Institute of Engineering and Technology, Ganguru. The curriculum modification requirements will be submitted to the board of studies of the concerned department and the same will be considered at the time of curriculum revision by the affiliating university as approved by BOS. As special assignments and as co-curricular activity, add-on courses are introduced at institute level and at department level

#### Teaching and Learning

To accomplish and sustain good academic results by ? Mentoring system ? Feed back on teaching and its implementation ? Assessment of students were considering regularly on the basis of assignment's, presentations and sessional's

#### Examination and Evaluation

There will be two internal examinations for each semester which are evaluated by conducting two descriptive exams (Each 15 marks), two online examinations (Each 10 marks) and assignments (5 Marks). The scheme of evaluation will be prepared by concern faculty member with division of marks. The answer booklets will be given to the students after evaluation and if any grievance like counting problem happens then it will be rectified by the concern faculty at the same time. Any grievance in the end examination

can be applied to the university in the form of Recounting and Revaluation.

Library, ICT and Physical  
Infrastructure / Instrumentation

DIET Central library maintains all the books and journals are per AICTE norms. Digital access of resources is provided for teachers and students. Central Library has a sufficient volumes, titles, full text online journals, NPTEL lectures data base, Del net, NDL, Nobel Info Tech and sufficient General Technical Magazines and 2-English newspapers and self learning facilities. The Institute has 50MBPS internet connection. 473 computers are connected in LAN. The institute maintains adequate student computer ratio as per the norms. There are established systems and procedures for maintaining and utilizing physical, academic and support facilities laboratory, library, sports complex, computers, classrooms etc

Human Resource Management

APPOINTMENTS, PROBATION SENIORITY The Correspondent shall be the authority for issuing all appointment orders. All initial appointments to teaching and non teaching posts shall, ordinarily, be made on probation for two years. All appointments, by promotion, shall be made on probation for a period of one year. The executive body/governing body upon the recommendation of the Principal for valid and sufficient reasons may extend the period of probation of an employee for such a period as found may be necessary. The rules governing probation will not apply to appointments made on adhoc/Contract/Contingent basis or as Trainee. The seniority of an employee in a post shall be determinate by the date of commencement of probation in that post. In case of two or more persons selected for appointment at the same time to a category of post, the appointing authority shall fix the order of seniority among them having regard to merit order in which they have been placed by the selection committee if any, which has included them in the panel. However seniority alone is not the criteria for promotion or for conferring any other benefit/authority. PAY FIXATION Pay for the selected candidates is fixed by the selection as per the pay scale approved by the Governing body for the



respective post based upon the qualification and experience of the candidate. Higher Pay Packages for exceptional and experienced candidates are fixed by the selection committee subject to the approval of the Chairman of the Trust. LEAVE RULES: Leave shall not be claimed as a matter of right. A member of the staff not normally or on any pretence absents himself/ herself from his/her duties without prior permission of his/her superior officer authorized to give permission. Leave letter is to be submitted in advance and approval must be obtained prior to availing the leave. In case of absence on Medical grounds(Hospitalized condition), intimation should be sent to the Principal within 12 hours of start of medical attention and a Medical Certificate shall be produced at the time of joining after leave.

Leave of any kind will not be sanctioned when the services of the staff are needed for the college work or when there is an unfinished job involving the employee. CASUAL LEAVE (CL): All employees are eligible for 12 days of casual leave per year and 1 day per month during the Calendar Year from 1st January to 31st December Probation period staff members are allowed to take leave after completion of the respective months only. At a time not more than 7 days including holidays and Sundays shall be granted. If it exceeds, it will be treated as leave without pay. Permission for short absence not exceeding one hour on any working day may be granted at the discretion of the principal. If the member of permissions for short absence exceeds 2 in a month, it shall be considered as one a day CL for 3 permissions. Casual Leave cannot be combined with any other kind of leave. It can be combined with holidays and Sundays. Casual leave will expire if not used after 31st December every year. (i.e., will not accumulate)

VACATION LEAVE (VL) and (EL) FOR TEACHING STAFF These rules govern the availing of vacation leave for each semester. The maximum duration and number of days shall be decided by the principal. Vacation Leave (VL) is applicable to only the member of the faculty (teaching staff) with eligible



services. EL's are not allowed. EL's should be applied in advance only. EL's should not be combined with any holidays and Sunday's. Minimum EL's applied at any time is 03 days. If CL's are exhausted in their account, then only they are permitted to apply less than 03 EL's. These 3 weeks can be available in the summer vacation period in the months of May, June or July.

However, vacation leave shall be availed as per the circulars issued then and there in this regard, indicating the slots in slots in the period identified for winter or summer vacation, to ensure smooth functioning of the institutions.

#### Admission of Students

**ADMISSION PROCEDURE:** Undergraduate Programmes (UG): The admission into undergraduate engineering programmes (B.E) for all the branches of study are made as per the relevant Rules of the Govt. and norms/guidelines of the State Council of Higher Education: 70 of seats i.e., "Category-A" seats (based on the rank obtained in state level entrance examination- APEAMCET) will be filled by the Convener, APEAMCET. 30 of seats i.e., "Category-B" seats will be filled by the management as per the relevant rules of the State Govt. and guidelines of the State Council of Higher Education issued from time to time. Admission to the second year of 4-year B.E Degree (Lateral Entry). Programme in Engineering: Seats up to 10 of the sanctioned intake of each programme of undergraduate course shall be filled by the Convenor, APECET as lateral entry admission into second year of B.E programme based on the merit ranks obtained by the students in APECET (State Level Common Entrance Test). Spot Admission Procedure for B.E. 4 year Course: Any seats left vacant in the convener quota, will be filled by the institution based on the guidelines given by Convener APEAMCET.

**Procedure:** The College issues an advertisement after necessary approval. The spot admissions will be made according to the guidelines issued from time to time by Convener APEAMCET. All admissions made at institution level (Spot Admissions and Category-B) are subject to approval of competent authorities. Spot Admission Procedure for B.E Lateral Entry Admission will be

made based on the guidelines issued by the Convener APECET Procedure: The College issues an advertisement after necessary approval. The spot admissions will be made according to the guidelines issued from time to time by the Convener APECET. All admissions made at institute level (Spot Admissions) are subject to approval of competent authorities.

#### 6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	<p>The academic is done with class time table and lesson plans. Each and every faculty prepares course and uploads in the ERP - ECAP software for the students and other stakeholders to view and prepare accordingly. Time tables can be viewed day wise, course wise and lab theory wise. The concern faculty uploads attendance after the class completion. Twice in a week online feedback is taken in a semester and reports can be observed for faculty wise and course wise. In ERP the following features are used: 1. Attendance Marks entry by faculty 2. Students' Attendance Analysis. 3. Student's Complete Profile in one single screen 4. Analysis of Teaching Plan and Topics Covered. 5. Upload of Resources like notes, CO's, other teaching aids etc for students. 6 Messages/Assignments by Faculty to Students 7. Students Feedback against Faculty. 8. Attendance Shortage Notices to Parents. 9. Faculty Time table 10. Teaching Assignments. 11. Faculty Workload 12. Faculty Adjustments 13.Students Promotion Detention</p>
Administration	<p>In the ERP software Programmes and Courses can be added or removed based on regulation changes. Different user levels and different permissions / roles can be assigned to users. Backups will be taken periodically. The following features in ERP were used in Administration Module. 1. Creation of Departments, Courses and Branches. 2. Fees for courses along with Due Dates Fines. 3. User Levels with Access Rights on modules. 4. Mapping Users to User Levels. 5. Backup and Restore Data. 6. Track staff Logins and Resetting Passwords. 7. Complaints/Suggestions Received from</p>

	Students/Staff 8. Setting Academic Calendar. 9. Data Backup Restore.
Finance and Accounts	Finance and Accounts: Fee dues/payments can be identified in detail like: detailed or total and also date wise, receipt wise and fee type wise. The following features in ERP were used in Fee Module: 1. Fee Collection Receipt Printing. 2. Course/Batch/Student wise Fee Dues. 3. Fee Concessions. 4. Fee Reminders to Parents. 5. Tracking Fee Reimbursement from Government. 6. Reports.
Student Admission and Support	Student Admission and Support It can extract admission details gender wise, category wise, year wise, branch wise and semester wise. Hostel occupancy details and room wise occupancy can be monitored easily. The following features in ERP were used in Admission Module: 1. Import of Students data from Excel Sheet. 2. Admission Register 3. Castes Sub Castes. 4. Re Admission of Detained students. 5. Scholarship Students. 6. Generates 10 digit Roll Numbers for Students. 7. Division of Students into Sections. 8. Reports. The following features in ERP were used in Hostel Module: 1. Application for Admission into Hostel. 2. Student Registration. 3. Rooms Room Allotment. 4. Hostel Dues o Reports
Examination	Examination Results of students can be viewed all stakeholders by students wise, semester wise and subject wise also. Toppers list for every semester and all semesters can be displayed. The following features in ERP were used in Exam Module: 1. Entry/Upload of External/Internal Exams Marks. 2. External/Internal Marks Analysis Reports. 3. Progress Reports Attendance Reminders. 4. Supplementary Detained Students. 5. Reports

### 6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Abdul Rasheed	Modelling and simulation studies in Civil	DIET	6300

		engineering using ANSYS		
2018	Mr.S.CHANDRA SEKHAR	INUP Hands-on training workshop on nanofabrication technologies	DIET	5400
<a href="#">View File</a>				

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Recent Trends and Advancements in Civil Engineering	Nill	17/09/2018	22/09/2018	Nill	30
2019	Big data Analytics	Nill	22/04/2019	26/04/2019	Nill	40
2018	Advanced communications using MATLAB	Nill	08/10/2018	12/10/2018	Nill	40
2018	Practical Applications Computational Fluid Dynamics	Nill	23/11/2018	27/11/2018	Nill	29
2018	Power electronics Applications in electric vehicles	Nill	10/09/2018	14/09/2018	Nill	24
<a href="#">View File</a>						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Pedagogy for online and Blended Teaching	1	17/11/2018	25/11/2018	9

g-Learning Process				
Optimization techniques in antenna design	1	25/06/2018	30/06/2018	6
Recent trends in signal processing	2	10/09/2018	14/09/2018	5
ASIC FPGA DESIGN ITS APPLICATIONS	1	22/04/2019	27/04/2019	6
A one week FDP on IOT and Sensor Technologies	2	19/11/2018	24/11/2018	6
Foundation Program in ICT for Education	1	13/09/2018	18/10/2018	35
Information Theory and Coding - Applications	1	21/11/2018	26/11/2018	6
Advanced Tools and techniques for research methodology	1	11/03/2019	16/03/2019	6
<a href="#">View File</a>				

#### 6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nill	122	Nill	28

#### 6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Discounted Transport Facility, Maternity Leave, Staff Ward Concession, Financial Assistance for conference, Reimbursment of TA/DA for FDP/Workshops	Discounted Transport Facility, Maternity Leave	Student Insurance

### 6.4 – Financial Management and Resource Mobilization

#### 6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Officials perform internal audit deputed from society office periodically and the reports are obtained before conduct of the external audit which is normally done after the closure of the accounts in all respects. External Audit is done by the Statutory Auditors after 30th June of the subsequent year. During the course of Internal audit, all required steps are taken to regularize the

accounts and to obtain confirmations for the credit balances, to collect documentary evidences wherever inadequate in respect of payments, compliances of T.D.S and Statutory Formalities and Reconciliation of Unit wise balances with the control accounts and bank Reconciliations. The copy of the internal audit report covering all matters related to maintenance of accounts is preserved. Subsequently, External Statutory Audit is conducted by the auditors and the final audit report with audit findings are submitted to the Management.

The consolidation of the findings of the Institutions with society central office has been completed and the annual returns have been submitted to Income Tax Authorities and the other relevant authorities concerned. External audit is conducted once in every year by an external agency. The mechanisms used to monitor effective and efficient use of financial resources are as below: ?

Before the commencement of every financial year, principal submits a proposal on budget allocation, by considering the recommendations made by the heads of all the departments, to the management. ? The expenses will be monitored by the accounts department as per the budget allocated by the management. ? The depreciation costs of various things purchased in the preceding years are also worked out. During an internal audit, vouchers are audited by an internal financial committee on half yearly basis. The expenses incurred under different heads are thoroughly checked by verifying the bills and vouchers. If any discrepancy is found, the same is brought to the notice of the principal. The same process is being followed for the last five years. External audit is processed by chartered accountant regularly as per the government rules. The auditor ensures that all payments are duly authorized after the audit and sent for review. All these mechanisms exhibit the transparency being maintained in financial matters and adherence to financial discipline to avoid defalcation of funds or properties of the institution at all levels. The audited statement is duly signed by the authorities of the management and chartered accountant.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Nalanda Estates Private Limited	16520	Sand replacement test to determine density
<a href="#">View File</a>		

6.4.3 – Total corpus fund generated

**No Data Entered/Not Applicable !!!**

## 6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nill	Yes	DIET-IQAC
Administrative	No	Nill	Yes	DIET-IQAC

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1.Frequent parent-teacher meetings are held to talk about the students academic achievement. 2. We gladly accept and put into practice suggestions for administrative and academic changes. 3. Parents are continuously reaching out to offer assistance.

6.5.3 – Development programmes for support staff (at least three)

1.Arduino Technical Training Program and Its Uses 2. Heat Transfer Lab Demonstration Program 3. A hands-on workshop using R programming for data science

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. A better teaching and learning experience through the use of outcome-based education (OBE). 2. Developed the infrastructure for the lab.3. Instructors are urged to participate in a range of research-focused activities.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Nil
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	AN ORIENTATION PROGRAM ON COUNSELING	27/08/2018	27/08/2018	27/08/2018	270
2018	COURSE ON OUTCOME BASED EDUCATION IN ASSOCIATION WITH IUCEE APSSDC	27/09/2018	27/09/2018	04/12/2018	100
2018	ONE DAY WORKSHOP ON OUTCOME BASED EDUCATION IN ASSOCIATION WITH IUCEE APSSDC	04/12/2018	04/12/2018	04/12/2018	137
2018	A PROGRAM ON "AUTONOMOUS PROCESS OF THE INSTITUTION"	14/07/2018	14/07/2018	14/07/2018	74
2019	ALUMNI MEET	02/03/2019	02/03/2019	02/03/2019	106
2018	AN INDUCTION PROGRAM ON "INSTITUTION PROCEDURE" TO NEWLY JOINED TEACHING AND	05/07/2018	05/07/2018	05/07/2018	45

	NON TEACHING STAFF				
2019	BRAIN STROMING SESSION ON MENTORING PROCESS	29/07/2019	29/07/2019	29/07/2019	17
2019	DHANEKULA INNOVATION DAY TO AWARD BEST INNOVATIONS FOR THE YEARS	09/03/2019	09/03/2019	09/03/2019	26
2019	START UP DHANEKULA TO PROMOTE INNOVATIVE IDEAS	24/01/2019	24/01/2019	25/01/2019	2200
2018	RECOGNITION BY INDIAN ASSOCIATION FOR THE BLIND FOR FUND COLLECTION	18/08/2018	18/08/2018	18/08/2018	1500
<a href="#">View File</a>					

## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Awareness program on women safety	23/07/2018	23/07/2018	362	0
Awareness program on stop women harassment child abuse.	29/08/2018	30/08/2018	681	0
Food awareness the key to your health abundance	20/09/2018	20/09/2019	46	0
Fear management and confidence building	01/03/2019	01/03/2019	47	0



Awareness program on importance of womens day	08/03/2019	08/03/2019	177	0
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7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Power requirement met by renewable energy sources - 178253.7 KW Total power requirement - 314611.7 KW Renewable energy source - Roof Top Solar Plant of 233 KW Renewable energy generated and used - 178253.7 KW,131033.7 KW Energy supplied to the grid - 47220 KW

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Provision for lift	Yes	0
Ramp/Rails	Yes	0
Braille Software/facilities	Yes	0
Rest Rooms	Yes	0
Scribes for examination	Yes	0
Special skill development for differently abled students	Yes	0
Any other similar facility	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	21/06/2018	01	WORLD YOGA DAY	IMPORTANCE OF YOGA BENEFITS OF PRACTICING YOGA	101
2018	1	1	14/07/2018	01	SBSI	AWARENESS ABOUT SWACHH BHARATH, INITIATIVE TO MAKE CLEAN	89

						NATION NAD HEALTH ISSUES DUE TO LACK OF C LEANLINES S	
2018	1	1	20/07/2 018	01	AWARENESS ON BLOOD CANCER	REASONS FOR BLOOD CANCER	420
2018	1	1	14/08/2 018	01	FUND RAISING FOR IAB	SUPPORT ING VISUALLY CHALLENGE D PEOPLE	376
2018	1	1	18/08/2 018	01	FUND RAISING FOR KERALA	KERLA RELIF FUND TOWORD FLOODS	512
2018	1	1	23/08/2 018	03	IMPACT PERSONALI TY DEVELO PMENT PROGRAM	MOTIVAT ING STUDENTS AND PROVIDING GUIDENCE	63
2018	1	1	05/09/2 018	02	MEGA BLOOD DONATION CAMP	IMPORTA NCE OF BLOOD DONATION, PROCESS OF TESTING BEFORE DONATION AND SAVING LIFE BY DONATING BLOOD	543
2018	1	1	20/09/2 018	01	JNANABH ERI	ISSUES RELATED TO STATE GOVERNMEN T	330
2018	1	1	05/10/2 018	01	MEGA BLOOD DONATION CAMP	IMPORTA NCE OF BLOOD DONATION, PROCESS OF TESTING BEFORE	22

						DONATION AND SAVING LIFE BY DONATING BLOOD	
2018	1	1	07/12/2018	04	LLR MELA	TO PROVIDE LLR FOR ELIGIBLE APPLICANTS	103
<a href="#">View File</a>							

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
HANDBOOK ON HUMAN VALUES AND PROFESSIONAL ETHICS	23/08/2018	<p>The primary aim of education is to empower individuals with a clear vision and expertise to achieve their objectives. In engineering education, values, including principles and ethics, are seamlessly integrated to instil responsibility, integrity, and social awareness in future engineers. Educations essence is empowering individuals with values–integrity, responsibility, and respect. In engineering, these guide ethical behaviour and social responsibility. DIET prioritizes values for quality education. Professional ethics, including integrity, objectivity, and accountability, ensure trust and societal welfare. In engineering, respect is vital for collaboration, safety, and professionalism. Overall, instilling values shapes individuals for personal growth, positive relationships, and societal well-being.</p>

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
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INDEPENDENCE DAY	13/08/2018	14/08/2018	150
Flag Hoisting March Past on Republic Day	26/01/2019	26/01/2019	32
JNTUK REPUBLIC DAY CELEBRATIONS	26/01/2019	26/01/2019	10
CATC-V (TRG-II FOR TSC) KETANAKONDA	29/07/2019	08/08/2019	17
<a href="#">View File</a>			

#### 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

**Plastic free campus :** Use of plastic bags and cups are discouraged in the campus. Even in canteen usage of steel plates/ leaf plates and steel or paper cups are mandatory. Paperless office: Management has taken keen interest to make the office a paperless office. The accounts/office and academic information is stored and maintained through systems only. The complete campus is Wi-Fi enabled, making it much easier for paperless activities. Even the official information and circulars are preferred to be sent only through mails.

Management provides resources and tools to educate students at Institute communities on the environmental and health benefits of going plastic-free campus to minimize plastic consumption and pollution in the premises and the surrounding environment. The Plastic Free campus program aims to reduce single-use plastics in campuses by encouraging students/faculties to make plastic-free commitments to use reusable water bottles and tote bags and pack waste-free lunches. To motivate people, institute has installed banners/notices at places in the campus.

**Public Transport:** The institution is located just less than 1 km from the highway. So, we encourage our faculty members and students to use the public transport for safety, security and fuel conservation. The students who reside in nearby area mostly prefer bicycle as a mode of transport for attending the lectures. It is environment friendly helps in preventing pollution. Other students who stay in rural areas prefer to use state transport buses as it offers them concessional. Monthly pass. It is economically beneficial to students from backward financial status.

**Pedestrians Friendly Roads :** The campus has wide, well-maintained black top roads, covering every nook and corner of it. It has footpaths on both the sides. The surrounding Walker's Club members also use our roads frequently in the early mornings and late evenings.

**Rainwater Harvesting :** Rainwater harvesting is a technique of collection and storage of rainwater into natural reservoirs or tanks, or the infiltration of surface water into subsurface aquifers (before it is lost as surface runoff). The rainwater is collected from various hard surfaces such as rooftops and/or other manmade aboveground hard surfaces.

## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

**Best Practice-1 Title of the Practice:** Medha-Intelligence Objectives of the Practice • Increase employment opportunities for final-year students. • Train on current industry practices beyond the syllabus. • Help students acquire additional job-specific skills and relevant certifications. • Develop self-confidence in students for employment • To develop RD projects supported by Industry The Context Presently, employment is a choice of self-decision. Now, acquiring additional skills for employment is a must. Students prefer parallel

learning and save time. The college wants to improve student's employability.

**Evidence of Success** The following are the evidences of the practice • The pass percentage of lab related theory courses has been increased. • The Learning process, innovations in assessment tools and ensuring that every student has the expected knowledge, skills and attitude. • Faculty contribution towards successfully implementing the monitoring system reflected enhanced student performance. • There has been an increase in student placements in various companies compared to the previous years of recruitment. More companies have opted for our college students for both off-campus and on-campus drives. Students skill sets are improved

**Problems Encountered and Resources Required**

The college is located in a rural area, and most students hail from villages.

**Best Practice-2 Lakshya-Destination**

**Objectives of the practice** • To provide job opportunities by bringing the companies for campus recruitment to all the eligible students of final year. • Provide resources and activities to facilitate the career planning process. • To place students in Prospective IT Core Companies. • Help the students to develop a passion to win and a global mindset. • Work with faculty members, department Heads and administration to integrate career planning and academic curriculum as well as coordinate Project Work/ Summer Training/internship programs.

**The Context** Lakshya signifies the specific targets or career aspirations that students aim for during their academic journey. Heres how it connects to internships and placements:

**Lakshya in the context of internships and placements** emphasizes the importance of having a defined goal or destination in mind throughout the academic and professional journey. It guides students in making informed decisions, pursuing relevant opportunities, and ultimately achieving their desired career outcomes. Lakshya underscores the importance of aligning internships and placements with ones career objectives. Students may seek internships and placements that not only fulfill academic requirements but also contribute to their long-term professional goals. Lakshya fosters a sense of purpose and direction. It encourages students to focus on acquiring the necessary skills, knowledge, and experiences during internships, which, in turn, enhances their readiness for successful placements. Lakshya emphasizes the need for strategic planning, continuous learning, and a proactive approach in shaping ones career path.

**The Practice** The Training Placement Career Guidance Cell at DIET is dedicated to offering comprehensive support to its graduates and postgraduates as they strive to secure employment. This commitment is underscored by the presence of a full-time Placement Officer. The positive outcomes of this support are evident in the success of DIET students, who have consistently secured prestigious and well-paying positions in recent years. The year-round operation of the Training, Placement, and Career Guidance Cell is designed to establish connections between companies and graduates. Staff members are consistently available to address a variety of student inquiries and concerns. This encompasses guidance on placement procedures, assistance in crafting applications and resumes, as well as conducting mock interviews. The objective is to equip students with the information and skills essential for a successful job search. The institution holds an associate membership with CII (A.P.) GBI to garner assistance for diverse activities pertaining to education, training, placements, and entrepreneurship. The institute has established systems and structures to support aspiring students in excelling in competitive examinations such as CAT, GATE, GRE, TOEFL, MPSC, UPSC, and others.

Consequently, the institution offers training programs aimed at enhancing students proficiency in Quantitative, Verbal, and Analytical Abilities, as well as Communication Skills, among other areas.

**Evidence of Success** • The student placement increased academically and got placement academic year-wise. • The improvement in student placement success through various skill training centers like Cm's Skill Excellence Center. • Diet established an Information and Communication Technology (ICT) lab with 27 high-configuration laptops and licensed software. This is useful to various departments in the college to

organize gaming, AWS, Python, the Internet of Things (IOT), cloud architects, Fusion 360 professionals, CATIA part design, etc. This skill centre was established in March 2018, through this our students are enhanced their skills.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

[http://naac.diet.ac.in/AQAR-2018-19/C-7-Data/QlMs/Cr-7.2.1/18\\_19\\_7\\_2\\_1\\_1.pdf](http://naac.diet.ac.in/AQAR-2018-19/C-7-Data/QlMs/Cr-7.2.1/18_19_7_2_1_1.pdf)

### 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

7.3.1. The Performance of the institution in one are distinctive to its vision, priority and thrust Dhanekula institute of engineering and technology is intricately tied to its distinct priorities and mission. The educational institutions performance is intended not just by academic achievements but also by its commitment to fostering critical thinking, innovation, and character development in students. I.ACADEMIC ACHIEVEMENTS Our aim is to promote comprehensive growth through teaching and learning aspects. Quality education The institute is a well-regarded entity in delivering top-grade education and stands out as a premier private educational institute. ? Each classroom is adequately furnished, well-aired, and equipped with contemporary teaching tools and also the level of cleanliness is exceptionally high. The discipline maintained is of a very high standard ? The laboratory is well-equipped with state-of-the-art instruments and facilities. ? The college boasts a well-equipped auditorium with a seating capacity of approximately 600, featuring modern amenities such as air conditioning, soundproofing, suitable for various audio/video presentations, workshop. ? The establishment possesses separate seminar halls for each department, accommodating 200 individuals each, and these halls are furnished with LCD projectors, audio systems, public addressing systems, and Wi-Fi. II.RESEARCH ACHIVEMENTS The institutions projects are based on courses, curriculum, social impact, and certificate programs provide students with exposure to advanced methods, enabling them to engage in interdisciplinary research. Multi-disciplinary research DIET employs curriculum design strategies that emphasize and train students through interdisciplinary approaches. This research methodology empowers students to learn by establishing connections between ideas and concepts bridge various disciplines. ? Students can understand their individual interdisciplinary routes by linking courses presented in the curriculum during distinct semesters, leading to the evolution of learning based on interdisciplinary approaches. ? Educational specialists and professionals are regularly invited, and their knowledge is utilized to establish interdisciplinary approaches in learning process.

Provide the weblink of the institution

[http://naac.diet.ac.in/AQAR-2018-19/C-7-Data/QlMs/Cr-7.3.1/18\\_19\\_7\\_3\\_2.pdf](http://naac.diet.ac.in/AQAR-2018-19/C-7-Data/QlMs/Cr-7.3.1/18_19_7_3_2.pdf)

### 8.Future Plans of Actions for Next Academic Year

The College IQAC has identified the broad objectives which the College should strive to achieve during this period, which are enumerated as under - 1. To be able to enhance the Brand Equity of the College, which it has created for itself, in its Local Jurisdiction between Dadar and Santacruz 2. To achieve the Title "College with Potential for Excellence" which is granted as per the norms laid down by UGC 3. To create an enabling environment for holistic development of Students, Faculty and Support Staff 4. To facilitate continuous upgradation and updatation of Knowledge Use of Technology, by Faculty and Students 5. To fulfil its Social Obligations, in the manner of providing formal informal education, dissemination of Knowledge, organizing programmes and activities for the benefit of the Community and Other Stakeholders 6. To create awareness and initiate



measures for Protecting and Promoting Environment 7. To encourage and facilitate Research Culture, to promote Research by students and Faculty and Consultancy by Faculty 8. To provide additional thrust to promote Sindhi Language This Perspective Plan outlines the various initiatives and focus areas to achieve the aforesaid Objectives. The same are enumerated hereunder -

- 1) INSTITUTION
- 1.1. To revise the Vision and Mission of the College, where necessary, to align with the aforesaid objectives
- 1.2. To continuously Innovate, Introduce new courses and remain relevant to the changing needs of the stakeholders
- 1.3. To provide thrust to achieve excellence in niche courses, such as BAF BMM
- 1.4. To monitor Quality Assurance and Quality Enhancement activities of the Institution and to obtain ISO Certification
- 1.5. To Implement suggestions made in the Academic Audit Report by the Audit Team deputed by Mumbai University and the Recommendations made by the NAAC Re-Accreditation Committee, during the third cycle of NAAC
- 2) INFRASTRUCTURE
- 2.1 To Implement Structural Repairs to Building and Electrical Repairs, on the basis of Structural Audit, carried out by the Management
- 2.2 To Implement the recommendations made by Audit Team which conducted Green Audit Energy Audit, carried out by the Institution
- 2.3 To provide space for and make available Canteen Facility and Canteen Kiosk, for Students Staff Members
- 2.4 To create Additional Lecture Rooms by optimally utilizing the available space
- 2.5 To provide resources required for Use of Technology to provide online course contents, video lectures, etc , to overcome space constraints
- 3) ADMINISTRATION
- 3.1 To automate various Office Administration Processes
- 3.2 To make available all Information online on the College web-site relating to Admission, Examinations, Courses, Rules, Committees, Attendance, Activities, Programmes, Seminars, Workshops, Extension Activities, Others
- 3.3 Use of Short Messaging Service (SMS), Apps developed and designed for communication with Students, to be extended to students of all courses
- 3.4 To provide for a doctor on campus for the welfare of staff
- 3.5 To support various Staff Benefit and Welfare measures.
- 4) LEARNING RESOURCES
- 4.1 To upgrade Library Resources to include digital content, which can be accessed by Students and Faculty online
- 4.2 Digital Content in the form of Video Lectures, Study Notes,. 5) LINKAGES
- 5.1 To facilitate Faculty Exchange Programmes with Other Academic Institutions and International Linkages
- 5.2 To facilitate Collaboration with Libraries of Professional Institutions and other Libraries of eminence To facilitate Student Exchange Programmes with Other Academic Institutions in India and International Linkages
- 5.3 To enter into MOU's with Corporates and Industry Associations to promote Academia - Industry Linkages, to enable placements, internship, training, etc. for the students
- 5.4 To enter into collaboration with ISME to facilitate an Incubator Cell for new Ideas to be translated into business ideas
- 5.5 To foster and strengthen relationship of Alumni with the Institution
- 6) FACULTY
- 6.1 To facilitate a Research Environment in the College, which encourages Faculty and Students to undertake Research
- 6.2 To encourage faculty to undertake Consultancy Assignments
- 6.3 To encourage faculty to Organise Faculty Improvement Programmes, National and International Conferences
- 6.4 To devise techniques to enable various improvements in the existing Teaching Learning Evaluation process and measurement of Learning Outcomes, viz. Question Paper Audit by Students Benchmark results with five colleges in the neighbourhood Faculty Evaluation Feedback from Students Institution Facility Evaluation Feedback from Students
- 6.5 To encourage Faculty to Participate in Syllabus Framing (at Board of Studies), Setting Question Papers (at University Examinations), Visit Other Institutions as Resource Persons,