



Yearly Status Report - 2019-2020

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																		
2. Institutional Status																			
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																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	https://diet.ac.in/wp-content/uploads/2021/11/AQAR-2018-19.pdf																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.diet.ac.in/pages/mandatory/acuploads/AC-19-20-I-SEM.pdf																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B+</td> <td>2.56</td> <td>2017</td> <td>12-Sep-2017</td> <td>11-Sep-2022</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B+	2.56	2017	12-Sep-2017	11-Sep-2022
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				Period From	Period To														
1	B+	2.56	2017	12-Sep-2017	11-Sep-2022														
6. Date of Establishment of IQAC	01-Jun-2016																		
7. Internal Quality Assurance System																			
<table border="1"> <thead> <tr> <th colspan="3">Quality initiatives by IQAC during the year for promoting quality culture</th> </tr> <tr> <th>Item /Title of the quality initiative by</th> <th>Date & Duration</th> <th>Number of participants/ beneficiaries</th> </tr> </thead> <tbody> <tr> <td colspan="3"> </td> </tr> </tbody> </table>						Quality initiatives by IQAC during the year for promoting quality culture			Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries								
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IQAC		
Pedagogical Prowess: Elevating Teaching Excellence	05-Aug-2019 5	26
Role of Teachers in Fostering Mental Health Among Students	06-Nov-2019 5	72

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[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 website	Yes
Upload the minutes of meeting and action taken report	View Uploaded File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1) IQAC is constantly evaluating teaching learning process through feedback. 2) Planning Value Addition Programmes / career oriented technical training programmes for students to improve their technical acquaintance. 3) On timely basis of up gradation of Lab Equipment's to meet with the advanced technologies. 4) Motivating staff and students to visit nearby Industries to understand and to gain the knowledge. 5) Supplementary encouragement is given to Students to participate in different events

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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

Plan of Action	Achivements/Outcomes
Student Academic performance	Improvement in percentages
Academic process calendar	Existence and implementation
Audit on Teaching -Learning	Continuous quality improvement
Established procedure for offering elective courses	Academic flexibility and developing expertise in wide areas
Curriculum evaluation	For better attainment of POs & PSOs
Syllabus Coverage Monitoring	Completion of syllabus in time
Audit on Laboratory facilities	Establishment of beyond curriculum Experiments and Practice
Audit on Industry visits	Minimum 3 Industries to visit by every student
Developing strategy for Internships	Improvement in number of internships
Proactive in establishment of online line student feedback system	Able to acquire timely and genuine Feedback from students.
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Governing Body	22-Feb-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

Yes

Date of Visit

22-Feb-2020

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2020

Date of Submission

14-Feb-2020

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 • Institution calendar is prepared at the beginning of each semester including working days, government and local holidays, and schedule of internal assessment and university examinations. • Department calendar is prepared aligning with the Institution calendar; including department specific workshops, industrial visit/training, value added courses, clubs and other events. Quality of Classroom teaching Ensuring classroom teaching excellence involves delivering content effectively, engaging students inspirationally through diverse instructional methods and pedagogical initiatives. Live interactive sessions, enriched with illustrative examples and applications, utilize modern ICT tools to enhance the learning experience. Ample choices are offered to students by integrating electives in curricula to meet student's interests and aspirations. If any student fails to complete the courses under his/her regulation, they are allowed to reregister/readmit in the courses in the next regulation by getting prior approval from university. Based on the regulation variations, students are offered substitute subjects by university with prior intimation.

Instructional methods and pedagogical initiatives • The institution embraces Outcome-Based Education (OBE) in content planning and delivery, aligning course plans with the departmental academic calendar and syllabus. • Faculty employs innovative, technology-enabled teaching methodologies, including video lectures with real-world industrial illustrations. • Static and working models, simulations, animations, and projects are demonstrated. E-materials are created for immediate reference. • Expert lectures bridge the Industry-Academia gap. Value-added courses expand knowledge. • Tutorials and e-learning classes foster participative learning. Group discussions and brainstorming sessions facilitate collaborative learning. • The comprehensive approach ensures a dynamic and effective learning environment. • Assignments are provided to cultivate self-study skills, while mandatory laboratory practices offer hands-on experience. • Students are encouraged to participate in seminars, conferences, and journals to enhance researching and presenting skills. Well-stocked central and department libraries, both in print and online, strive for knowledge enrichment. • Opportunities exist for joint research programs and field studies. Projects and dissertation work in industries are conducted under the joint guidance of faculty and industry experts. • Faculty provides professional consultancy to industries, fostering a rapport with contemporaries in established organizations for mutual support. Monitoring system for curricular delivery • Heads of Departments (HODs) and IQAC coordinators consistently oversee curriculum delivery, obtaining formal and informal student feedback regularly. • Faculty members, following a mentoring ratio of 1:20, guide students on academic and personal matters. • The class committee, including student representatives, actively participates in decision-making, addressing academic and administrative issues. • The adoption of Outcome-Based Education (OBE) ensures effective curriculum delivery, with internal question papers designed to assess Course Outcomes (COs).

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development

A two week certification program on Auto CAD	Civil Engineering	16/09/2019	11	Employability	Skill Development
A two week certification program on E-Tabs	Civil Engineering	02/12/2019	11	Employability	Skill Development
A Certification program on PLC-I and II Fundamentals and Advanced	Electrical and Electronics Engineering	23/12/2019	6	Employability	Skill Development
A Certification Course on PLC-II Advanced	Electrical and Electronics Engineering	10/12/2019	4	Employability	Skill Development
A two week certification program on Robotics	Mechanical Engineering	08/07/2019	12	Employability	Skill Development
A two week Add-on program on MATLAB Applications	Electronics and Communication Engineering	30/12/2019	11	Employability	Skill Development
A two-week Add-on Program on Antenna Design Tools	Electronics and Communication Engineering	01/07/2019	11	Employability	Skill Development
A two week certification program on Microsoft dynamic 365	Computer Science and Engineering	02/12/2019	12	Employability	Skill Development
A two week certification program on ReactJS	Computer Science and Engineering	15/07/2019	12	Employability	Skill Development
A two week certification program on Ethical Hacking	Computer Science and Engineering	03/02/2020	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	26/08/2019
BTech	Electrical and	26/08/2019

	Electronics Engineering	
BTech	Mechanical Engineering	26/08/2019
BTech	Electronics and Communication Engineering	26/08/2019
BTech	Computer Science and Engineering	26/08/2019
BTech	Information Technology	26/08/2019
Mtech	VLSI Design	16/09/2019
Mtech	Computer Science and Engineering	16/09/2019
Mtech	Environmental Engineering	16/09/2019
Mtech	Automobile Engineering	16/09/2019
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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	10/06/2019
BTech	Electrical and Electronics Engineering	10/06/2019
BTech	Mechanical Engineering	10/06/2019
BTech	Electronics and Communication Engineering	10/06/2019
BTech	Computer Science and Engineering	10/06/2019
Mtech	Computer Science and Engineering	16/09/2019
Mtech	VLSI Design	16/09/2019
Mtech	Environmental Engineering	16/09/2019
Mtech	Automobile Engineering	16/09/2019

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

	Certificate	Diploma Course
Number of Students	1102	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
Yoga Foundation of Youth	21/06/2019	124
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field
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		Projects / Internships
BTech	Civil Engineering	113
BTech	Electrical and Electronics Engineering	42
BTech	Mechanical Engineering	106
BTech	Electronics and Communication Engineering	214
BTech	Computer Science and Engineering	406
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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. 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 unfavorable 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.</p>

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
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BTech	Civil Engineering	99	45	45
BTech	Electrical & Electronics Engineering	66	40	40
BTech	Mechanical Engineering	99	57	57
BTech	Electronics & Communication Engineering	198	190	190
BTech	Computer Science & Engineering	132	142	142
BTech	Information Technology	66	57	57
Mtech	Environment Engineering	18	15	15
Mtech	Automobile Engineering	18	3	3
Mtech	VLSI Design	18	3	3
Mtech	Computer Science and Engineering	18	2	2

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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
2019	531	23	97	11	13

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
121	121	17	46	0	14

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

? A student mentoring system is a valuable component of any educational institution, fostering academic and personal growth by providing guidance and support to students. This system typically involves pairing faculty members with students, creating a mentor-mentee relationship. The objective is to enhance the overall

educational experience and facilitate a smoother transition for students into the academic environment. The key features and benefits of a student mentoring system within an institution are. Purpose and Objectives: The primary purpose of a student mentoring system is to offer a structured support mechanism for students. It aims to provide guidance on academic matters, career choices, personal development, and the overall college experience. The system aligns with the institutions goals of fostering a positive and inclusive learning environment. Academic Support: Mentors play a crucial role in assisting mentees with their academic journey. They may help with course selection, time management, and study techniques. The mentors experience and knowledge can guide the mentee through challenges and enhance their academic performance. Career Guidance: Mentoring extends beyond academics to include career guidance. Mentors can share their experiences, offer insights into potential career paths, and provide advice on internships, networking, and job searching. This guidance helps mentees make informed decisions about their future. Personal Development: A mentoring system contributes to the personal growth of students by addressing non-academic aspects of their lives. Mentors can offer advice on goal setting, time management, and stress management. This holistic approach helps students navigate the complexities of college life. Training and Resources: Both mentors and mentees benefit from training programs that equip them with the skills needed for a successful mentoring relationship. Workshops, seminars, and resources on effective communication, active listening, and conflict resolution enhance the overall quality of the mentoring experience. Evaluation and Feedback: Institutions should establish a system for evaluating the effectiveness of the mentoring program. Regular feedback from both mentors and mentees allows for continuous improvement. This iterative process ensures that the mentoring system remains responsive to the evolving needs of students. In conclusion, a student mentoring system is a dynamic and essential component of an educational institution. By providing academic support, career guidance, and fostering personal development, the system contributes to the overall success and well-being of students. Regular evaluation and a commitment to inclusivity ensure that the mentoring program remains a valuable resource for the institution and its diverse student body.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1905	121	1:16

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
7	7	0	7	19

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
2020	P venkata siva teja	Assistant Professor	Best Researcher, International Journal for Research Under Literal Access
2019	P Pavitra roy	Professor	Best paper award
2019	G L Madhumati	Professor	BOS Member, P.B.Siddharthi College of Arts Science

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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	1	1-1	31/01/2020	23/06/2020
BTech	2	1-1	31/01/2020	23/06/2020
BTech	3	1.1	31/01/2020	23/06/2020
BTech	4	1.1	31/01/2020	23/06/2020
BTech	5	1.1	31/01/2020	23/06/2020
BTech	12	1.1	31/01/2020	23/06/2020
Mtech	86	1-1	24/02/2020	19/08/2020
Mtech	AA	1-1	24/02/2020	19/08/2020
Mtech	72	1-1	24/02/2020	19/08/2020
Mtech	58	1-1	24/02/2020	19/08/2020
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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)

The academic calendar is meticulously prepared by Principal, Dean (Academics) in consultation with all head of the departments. It provides the timely delivery of the curriculum within stipulated working days. The college prepares the academic calendar in accordance with the JNTU Kakinada academic calendar along with the holiday list published by the Government of Andhra Pradesh. The academic calendar is given to the students at the beginning of the Semester. The academic calendar encompasses the complete schedule for the semester, incorporating schedule for internal examinations, holidays, seminars, cultural programs, and designated observance days. The departmental academic calendar is formulated by the Head of the Department (HOD) in collaboration with faculty members, aligning with the overall institutional academic calendar. The departmental notice boards feature the academic calendar. The department academic calendar consists of schedule of internal exams, workshops, revision classes schedule, etc. Faculty members use this calendar as a reference to develop teaching plans for both theory and lab courses.

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-2019-20/C-2-Data/QlMs/Cr-2.6.1/2019-2020-2.6.1.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
1	BTech	Civil	107	87	81.31
2	BTech	EEE	41	35	85.37
3	BTech	MECH	109	96	88.07
4	BTech	ECE	124	112	90.32
5	BTech	CSE	108	95	87.96
6	Mtech	CSE	2	1	50

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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-2019-20/C-2-Data/QlMs/Cr-2.7.1/2019-2020-2.7.1.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
Nill	0	Nill	0	0
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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
Job Vs Entrepreneurship as a profession	EDC	30/08/2019
The sedibus hustle talk-the idea book	CSE	12/09/2019
A One Day Workshop on Open Source Tools for Research	CSE	28/09/2019
Intellectual Property Protection of Innovation	EEE	15/10/2019
Awareness about start up and entrepreneur ideation	EDC	30/11/2019
A One Day Seminar on Research Fundamentals	CSE	10/01/2020

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
Young Scientist Award	Dr. M. Aruna Safali	AP Akademi of Sciences	08/04/2020	Outstanding Contributions in IT CSE
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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	Nill	Nill	Nill	Nill	Nill
No file uploaded.					

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
CSE	1

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)

National	ECE	7	Nill
National	CIVIL	2	Nill
National	CSE	25	Nill
National	BSH	4	Nill
National	MECH	1	Nill
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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
BSH	2
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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
Analysis of CPW-FED modified dual Z shaped reconfigurable array antenna for automotive communication	Dr M Venkateswara rao	TEST engineering and management	2020	2	DIET	2
Applications of spot 7 tri stereo imagery in deriving the surface topography and mass changes of glaciers in Indian Himalaya	Dr.Vinay kumar	Taylor and Francis-Geocarto International	2019	3	DIET	2
Assessment performance combustion and emission characteristics	Y.Subbalakshmi	International Journal of Ambient Energy	2019	7	DIET	7

icks of diesel engine with corn bio diesel blends						
Reconciling high surface melting in summer with air temperature in the semi arid zone of the water in the himalayas	Dr.Vinay kumar	MDPI water	2019	29	DIET	26
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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
Applications of spot 7 tri stereo imagery in deriving the surface topography and mass changes of glaciers in Indian Himalaya	Dr.Vinay kumar	Taylor and Francis-Geocarto International	2019	53	2	DIET
Reconciling high surface melting in summer with air temperature in the semi arid zone of the water in the himalayas	Dr.Vinay kumar	MDPI water	2019	85	26	DIET
Analysis of CPW-FED modified	Dr M Ven kateswara rao	TEST engineering and	2020	11	2	DIET

dual Z shaped reconfigurable array antenna for automotive communication		management				
Assessment performance combustion and emission characteristics of diesel engine with corn bio diesel blends	Y.Subbalakshmi	International Journal of Ambient Energy	2019	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
Nil	0	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
Recycling Of Old Books	IRDA	6	14
Fund Rising Activity For Ms. N. Santhi Priya And Iab	IAB	6	229
Jal Shakti Abhiyan	Regional Director NSS	6	19
Freedom Run	FEST SAMACHAR pvt.Ltd.	6	109
Independence Day Celebrations	JNTU KAKINADA	6	17
Blood Donation Camp Group Screening	NEW CITY BLOOD BANK	6	385
Fund Rising	DIET NSS UNIT	6	227

Activity For Mr. B.Mohan Naik (198t5a0306)			
Fund Raising For Polio Eradication	ROTORY MID TOWN, VIJAYAWADA	6	67
Run For Unity	VIJAYAWADA POLICE	6	8
Special Camp	DIET NSS UNIT	6	102
View File			

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
BLOOD DONATION (D.NARESH VERMA, 178T1A0113)	CERTIFICATE OF APPRECIATION	NEW CITY BLOOD BANK, VIJAYAWADA1	1
FREEDOM RUN (POLANA PUJASRISAI)	CERTIFICATE OF PARTICIPATION	FEST SAMACHAR	109
FUND RISING ACTIVITY FOR MS. N. SANTHI PRIYA AND IAB	APPRECIATION FOR SUPPORT IN FUND RAISING	INDIAN ASSOCIATION FOR BLIND	229
Red Cross Sign Up Program	CERTIFICATE OF APPRECIATION	INDIAN RED CROSS SOCIETY, AP STATE BRANCH	235
View File			

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/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
NSS	Recycling Of Old Books	IRDA	6	14
NSS	Fund Rising Activity For Ms. N. Santhi Priya And Iab	IAB	6	299
NSS	Jal Shakti Abhiyan	Regional Director NSS	6	19
NSS	Freedom Run	FEST SAMACHAR pvt.Ltd.	6	109
NSS	Independence Day Celebrations	JNTU KAKINADA	6	17
NSS	Blood Donation Camp Group Screening	NEW CITY BLOOD BANK	6	385
NSS	Fund Rising Activity For Mr. B.Mohan	DIET NSS UNIT	6	227

	Naik (198t5a0306)			
NSS	Fund Raising For Polio Eradication	ROTORY MID TOWN, VIJAYAWADA	6	67
NSS	Run For Unity	VIJAYAWADA POLICE	6	8
NSS	Special Camp	DIET NSS UNIT	6	102
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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
Nill	0	0	Nill
No file uploaded.			

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 institute interaction	Edagte Technologies, Bangalore	15/07/2015	15/07/2021	1
Certification Programmes on CAD softwares	Government organisation institute interaction	ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION CENTER (APSSDC)	25/04/2015	Nill	370
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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
APSSDC	25/04/2015	Certification Programmes on CAD softwares	190
SS Transformers, Vijayawada	28/09/2019	Field Trip	61
Sai Bhargava Electricals Vijayawada	24/11/2021	Field Visit	61
Industry	24/10/2019	Certifications	1

Institute partnership			
government organization	07/07/2020	Cerifications	113
government organization	12/07/2018	students training for campus placements	130
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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
17500000	24288395

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	2019

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	22369	9832266	1669	729554	24038	10561820
e-Books	1560	113663	Nill	Nill	1560	113663
Journals	90	244100	Nill	Nill	90	244100
e-Journals	10180	523815	Nill	Nill	10180	523815

Digital Database	Nill	72216	Nill	Nill	Nill	72216
CD & Video	350	Nill	30	Nill	380	Nill
Library Automation	Nill	13670	Nill	Nill	Nill	13670
View File						

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	Nil	Nill	Nill
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	1054	21	0	1	1	1	6	106	0
Added	0	0	0	0	0	0	0	85	0
Total	1054	21	0	1	1	1	6	191	0

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

191 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
17500000	22479102	13000000	9968878

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 college management reviews the budgetary requirements for building, laboratory equipment, computer systems etc prior to the commencement of the academic year and appropriate action is taken. The classrooms and seminar halls are provided with enough seating capacity and have LCD equipment. The college has appointed personnel for maintenance and supervision of infrastructure,
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electrical works etc. Housekeeping staff take care of the regular cleanliness of corridors, washrooms, classrooms, laboratories and the premises. The maintenance of water coolers is carried out by annual maintenance contracts. All laboratories are furnished with the latest necessary equipment to deliver the best standards of education. Instruments are rectified/ replaced at the earliest. Replacement of the old equipment and modernization of machines/software is done from time to time. Regular inspection of machines is done. Before the commencement of the academic year, lab in-charges prepare an annual order of the required glassware reagents approved by the head of the department and submit it in the stores department. Stock checking is conducted by faculty of other departments at the end of the academic year. In Library concerned faculty recommends books to be procured in their respective subjects. Students also recommend books based on their requirement. These requirements are endorsed by the concerned faculty member. Reliable vendors are chosen based on their response to queries, availability of books and adherence to terms and conditions. The details of the Invoice and books are made in the Accession Register and accession numbers are given to the books. Bills are filed and maintained by the Librarian. For Sports a list of required material is purchased after approval of the same from the Principal. Students are permitted to play only during the sports hours and to practice for any competition. Students are permitted to utilize and take sports material with prior notice to the Physical Director, the details of which are maintained in the register. The concerned authority makes a note on return of the same in the register. In case of any damage, the same is recorded in the register for further action. The NCC unit has been taking up various service oriented activities in addition to the basic training. 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. 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.

<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	203	979264
Financial Support from Other Sources			
a) National	1. SITARAM JINDAL 2. PRAGATHI 3. Helping Hands 4. Jaganna Vidya deevena	1242	78914200
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 Skills Training	10/06/2019	528	Ms.G.Visali, Soft Skills Trainer, DIET
REMEDIAL COACHING	17/06/2019	9812	DIET
LANGUAGE LAB	27/01/2020	163	Faculty of English, DIET
BRIDGE COURSES	20/06/2019	1629	DIET
YOGA MEDITATION	21/06/2019	124	Dr.D Prasunna, Asst Professor, Dept of Yoga,ANU,Guntur
Mentoring	03/06/2019	1920	DIET
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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
2019	Higher Education through CAT GRE	467	Nil	8	Nil
2019	Empowering self- Be future ready	Nil	453	Nil	305
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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
4	4	16

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
ACS Capital Services, Aliens	857	225	Capgemini, CTS, IKYS, Infosys, Lakshmi Infr	596	80

Group, HCL-COLLABERA, Mahaveer Group, PATH FRONT, RAAM GROUP, SAVANTIS, SURYA TECH SOLNS, Shell-Pro Tech, SUN RISE LIFTS			astructure Developers india pvt ltd, HINDUJA TECH, NTT DATA, OPTUM ,TCS, TECH M, Techintelli, Ultra Tech , VECTOR India, Village Secretary Govt Job, Village Surveyor - govt job, VLSI MONKS, VRO - GOVT JOB		
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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
2019	1	B.Tech	CIVIL	CANADORE COLLEGE	MS
2019	1	B.Tech	CIVIL	FANSHAWE	MS
2019	1	B.Tech	Civil	UNIVERSITY OF NORTH TEXAS	MS
2019	1	B.Tech	Civil	UNIVERSITY OF ALABAMA AT BIRMINGHAM	MS
2019	1	B.Tech	CSE	KL UNIVERSITY	MS
2019	2	B.Tech	CSE	CLEVELAND STATE UNIVERSITY	MS
2019	1	B.Tech	CSE	CONESTOGA COLLEGE INSTITUTE OF TECHNOLOGY AND ADVANCED LEARNING	MS
2019	1	B.Tech	CSE	DUBLIN BUSINESS SCHOOL	MS
2019	1	B.Tech	CSE	KL University	M.Tech

2019	1	B.Tech	Mechanical	WRIGHT STATE UNIVERSITY	MS
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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
Any Other	7
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Table Tennis, JNTUK C Zone	National	5
BADMINTON,	National	5
BASKET BALL, JNTUK C Zone	National	12
KABBADI, JNTUK C Zone	National	12
KHO-KHO, JNTUK C Zone	National	12
VOLLEY BALL, JNTUK C Zone	National	12
CRICKET, JNTUK C ZONE	National	16
STATE CARROM CHAMPIONSHIP	National	1
CRICKET-MVR-FEST	National	14
EENADU Cricket Tournament,Vijayawada	National	15
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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/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	RUNNER	National	1	Nill	198T5A0133	T. Tanuja
2019	Silver Medal (Second Place)	National	1	Nill	178T1A0328	J. Mohan Sai
2019	RUNNERS	National	1	Nill	168T1A0310	Ch.Vinay
2019	WINNERS	National	1	Nill	178T1A0101	A Nikhil Satya Sai
2019	Silver	National	1	Nill		J. Mohan

	Medal (Second Place)				178T1A0328	Sai
2019	Gold Medal (First Place)	National	1	Nill	178T1A0328	J. Mohan Sai
2019	II Prize/Spot Photograph y	National	Nill	1	178T1A0150	P.Jyotsna Latha
2019	I Prize/Quiz	National	Nill	1	188T5A0115	K. V. Phanindra Sai
2019	II Prize/Elocution	National	Nill	1	178T1A0141	N.Manikya Srikar
2019	I Prize/Elocution	National	Nill	1	198T1A0462	K.Sai Sree
View File						

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:

506

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

0

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 by addressing. The institution trains the students to face the challenges in the contemporary world. It ventures new creative ideas and innovative actives for their enhancement in order to serve the society with commitment. 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, Director, BITS Pilani, Sri D K R K Ravi Prasad, former 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. 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.

Curriculum Development	<p>The curriculum is developed by the university, as Dhanekula Institute of Engineering and Technology, Ganguru.</p> <p>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.</p>
Teaching and Learning	<p>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.</p>
Examination and Evaluation	<p>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.</p>
Research and Development	<p>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</p>

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.

Library, ICT and Physical Infrastructure / Instrumentation

DIET Central library maintains all the books and journals as per AICTE norms. Digital access of resources is provided for teachers and students. Central Library has a sufficient collection of volumes and titles, full text online journals, NPTEL lectures data base, Del net, NDL, Nobel Info Tech and General Technical Magazines and 2-English newspapers and self learning facilities. The Institute has 50MBPS internet connection and sufficient 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</p>

	<p>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 Students/Staff 8. Setting Academic Calendar. 9. Data Backup Restore.</p>
Finance and Accounts	<p>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.</p>
Student Admission and Support	<p>7. 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</p>
Examination	<p>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</p>

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
2019	S Chandrasekhar	5th International Conference on Advanced Computing Communication Systems (ICACCS)	DIET	5700
View File				

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)
2019	Cyber Security	Nill	26/12/2019	30/12/2019	45	Nill
2019	Pedagogi cal Prowess: Elevating Teaching Excellence	Nill	05/08/2019	09/08/2019	26	Nill
2019	Role of Teachers in Fostering Mental Health Among Students	Nill	06/11/2019	10/11/2019	69	3
View File						

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
One week National level Faculty Development	1	11/05/2020	16/05/2020	6

program on Innovation to academicians				
DST sponsored three day national seminar on "Advanced technologies in wireless"	1	13/06/2019	15/06/2019	3
Technology Adoption and Implementation Towards a Smart Society	1	04/11/2019	16/11/2019	3
Innovation to Academicians	1	11/05/2020	16/05/2020	6
Design, Implementation and Verification in VLSI	1	27/04/2020	01/05/2020	5
Advanced Antenna Design Using HFSS	2	12/05/2020	17/05/2020	6
Technology Adoption and Implementation Towards a Smart Society	2	04/11/2019	16/11/2019	13
Mixed Signals Design	1	04/11/2019	15/11/2019	12
RECENT COMMUNICATION TOOLS AND ITS APPLICATION	1	19/05/2020	23/05/2020	5
A one week FDP on Emerging Advancement in IOT and Machine Learning Technologies	2	21/10/2019	26/10/2019	6
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nill	113	Nill	28

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Maternity Leave,	Maternity Leave,	Student Insurance

Discounted Bus Facility,
Financial Assistance for
Conference, Reimbursement
of TA/DA for
FDPs/Workshops/Seminars

Discounted Bus Facility

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
Nill	0	Nill
View File		

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
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	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. There are regular parent-teacher conferences where the students academic progress is discussed. 2. We are happy to consider and implement recommendations for curricular and administrative modifications. 3. Parents are constantly contacting Institute for updates

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

1. NodeMCU Technical Training Program and Its Uses 2. Demonstration of power electronics lab and electrical measurements lab equipment 3. Python programming hands on for data science

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

1.improved instruction and learning thanks to the application of outcome-based learning (OBE). 2. Created the labs infrastructure.3. A variety of research-focused activities are encouraged for instructors to take part in.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	No
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
No Data Entered/Not Applicable !!!					
View File					

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
An orientation on self esteem	16/08/2020	16/08/2020	47	0
International women's day	07/03/2020	07/03/2020	48	0
Effective time management: Minutes matter	20/01/2020	20/01/2020	47	0
Awareness program on	30/11/2019	30/11/2019	285	0

women safety				
Awareness of food nutritive value and eating practices among students	07/12/2019	07/12/2019	43	0

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 - 248868 KW Total power requirement - 360674 KW Renewable energy source - Roof Top Solar Plant of 233 KW Renewable energy generated and used - 248868, 138400 KW Energy supplied to the grid - 110468 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
2019	1	1	21/06/2019	1	World Yoga Day	IMPORTANCE OF YOGA BENEFITS OF PRACTICING YOGA	53
2019	1	1	28/06/2019	1	Recycling Of old Books	AWARENESS ON RECYCLING OF OLD BOOKS, CO	14

						COLLECTION OLD BOOKS WASTE PAPERS FROM OFFICE AND RECYCLE IT INTO BOOKS	
2019	1	1	18/07/2019	1	Fund Rising Activity For Ms. N. Santhi Priya And Iab	SUPPORT ING VISUALLY CHALLENGE D PEOPLE	237
2019	1	1	19/07/2019	2	Awareness Camp On Eye	FREE EYE SCREENING AND GENERAL P RESENTATI ON	531
2019	1	1	30/07/2019	1	150th A nniversar y Of Mahatma Gandhi	ESSAY WITING CO MPETITION ON MAHATMA GANDHI'S LIFE	52
2019	1	1	01/08/2019	1	Jal Shakti Abhiyan	CONSERV ATION OF WATER RESOURCES	19
2019	1	1	03/08/2019	1	Interac tive Session On Organ Donation	AWARENESS ON ORGAN DONATION	257
2019	1	1	07/08/2019	1	Orienta tion On NSS, NCC Sports For Freshmen	ORIENTA TION SESSION FOR FRESHMEN ENGINEERS	122
2019	1	1	11/08/2019	1	Freedom Run	TO SPREAD THE NATIONAL PRIDE AND PATRIOTIS M TOWARDS OUR COUNTRY	111

						IN THE SOCIETY	
2019	1	1	15/08/2019	1	Independence Day Celebrations	GREAT INDIAN FREEDOM FIGHTERS, INDIA DURING AND AFTER THE BRITISH RULE, ROLE OF WOMEN IN INDIAS IN DEPENDENC	17
View File							

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	22/08/2019	<p>Educations primary objective is to empower individuals with a clear vision and expertise, particularly evident in engineering education where values like responsibility, integrity, and social awareness are seamlessly integrated. The Development Institute of Engineering and Technology (DIET) underscores the significance of values, prioritizing them for quality education. Professional ethics, including integrity, objectivity, and accountability, are cornerstones ensuring trust and societal welfare. In the engineering domain, respect holds pivotal importance, fostering collaboration, ensuring safety, and upholding professionalism. This integration of values in education acts as a transformative catalyst, molding individuals not only for technical proficiency but also for</p>

ethical conduct,
contributing to personal
growth, positive
relationships, and
societal well-being.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
INTERNATIONAL YOGA DAY, STELLA COLLEGE, VIJAYAWADA	21/06/2019	21/06/2019	16
KARGIL VIJAY DIVAS (OP VIJAY), ST. JOHNS SCHOOL, VIJAYAWADA.	26/07/2019	26/07/2019	5
INDEPENDENCE DAY CAMP, VIJAYAWADA	07/08/2019	16/08/2019	1
AUGUST 15TH CELEBRATE OUR DIET COLLEGE	15/08/2019	15/08/2019	26
AUGUST 15TH CELEBRATIONS AT JNTUK, KAKINADA	15/08/2019	15/08/2019	10
ARMY ATTACHED CAMP, SECENDRABAD	19/08/2019	19/08/2019	3
RAJIV GANDHI BIRTH ANNIVERSARY TO CELEBRATE "SADBHAVANA DIVAS", ANDHRA LOYOLA COLLEGE, VIJAYAWADA.	20/08/2019	20/08/2019	5
COMBINE ANNUAL TRAINING CAMP-IX, NUZIVID	16/09/2019	25/09/2019	4
SOCIAL AWARENESS COMMUNITY DEVELOPMENT ACTIVITIES - "NATIONAL CANCER AWARENESS DAY" RALLY AT VIJAYAWADA.	07/11/2019	07/11/2019	5
NCC DAY CELEBRATIONS AT ANDHRA LOYOLA COLLEGE, VIJAYAWADA	20/11/2019	20/11/2019	1
View File			

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

Green landscaping with trees and plants Almost 50 of total area is covered with trees and lawns. A number of trees exist at different places in the college. Tree plantation in the campus is the regular activity of the NSS. A total of

629 (579 trees inside the campus and 50 trees outside campus) were planted and maintained since college establishment

Solar Power Utilization 70 of the power requirement was met through 233KWp roof top solar power generation.

Paperless Office Efforts are being made for minimum utilization of paper by making use of computer services and systems. Electronic means are used for this such as Gmail or slide 2 share to share the contents. Also, the what's app groups are created class wise to communicate any kind of important message to the students. The usage of papers is restricted in every possible way.

Bicycles The faculty members and students residing nearby are encouraged to come by bicycles. Thus, we prevent the emission of carbon dioxide in the campus. In the campus, a total of 10 bicycles are being used by the students.

Swachh Bharath The objectives of Swachh Bharath are to maintain campus clean and green. To maintain an eco-friendly ecosystem in and around the campus of the college. To participate actively in community programs for the restoration of our environment using 3R's Reduce, Reuse and Recycle.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Title of the Practice: Rachana - Planning and Organization of Event Objectives of the Practice Students learn planning, organizing, leading, and controlling an event which improves their managerial skills through event management. The Context Diverse environments increase all students' level of critical thinking, raise levels of their knowledge and awareness, challenge assumptions, and raise levels of their contact connections and communications. The Practice DHANUSH - Fest is organized to develop the extra-curricular and co-curricular talents of the students, improving their capabilities to work as a team and raising their level of self-confidence in interacting with fellow students. Students can delightfully explore their talents providing a combination of learning, fun, and experience. Evidence of Success Extracurricular activities teach students how to work for a common goal and this ultimately develops a sense of responsibility in them. It increases their level of confidence and also teaches them how to cooperate and work with people in different conditions. Problems Encountered and Resources Required Planning Budget, collection of funding, identifying the sponsors and dedicated team for campaigning and participation of students. Notes This event helps in creating positive change in students and faculty as well on campus, all enjoy this sports event to their fullest. Best Practice II: Title of the Practice: Disha-Direction-Industry Institution Interaction, MOU Objectives of the Practice • To Provide Invited Talks by Industry personnel • To make an MOU with the Industry • To conduct Technical Competitions • To Provide Industry visits to students The Context The industry-institution Interaction and Memorandum of Understanding (MOU) play crucial roles in fostering effective collaboration between educational institutions and industries. The Practice The DIET will conduct regular training for the students to enhance student should acquire knowledge in the academic gap through industry training and students should be get ready to fit into the industry. The MOUs plays a major role between institution and Industry. Title of the Practice: Rachana - Planning and Organization of Event Objectives of the Practice Students learn planning, organizing, leading, and controlling an event which improves their managerial skills through event management. The Context Diverse environments increase all students' level of critical thinking, raise levels of their knowledge and awareness, challenge assumptions, and raise levels of their contact connections and communications. The Practice DHANUSH - Fest is organized to develop the extra-curricular and co-curricular talents of the students, improving their capabilities to work as a team and raising their level of self-confidence in interacting with fellow students. Students can

explore their talents in a delightful providing a combination of learning, fun, and experience. Evidence of Success Extracurricular activities teach students how to work for a common goal and this ultimately develops a sense of responsibility in them. It increases the level of confidence and also teaches them how to cooperate and work with people in different conditions. Problems Encountered and Resources Required Planning Budget, collection of funding, identifying the sponsors and dedicated team for campaigning and participation of students. Notes This event helps in creating positive change in students and faculty as well as on campus, all enjoy this sports event to their fullest. Best Practice II: Title of the Practice: Disha-Direction-Industry Institution Interaction, MOU Objectives of the Practice • To Provide Invited Talks by Industry personnel • To make an MOU with the Industry • To conduct Technical Competitions • To Provide Industry visits to students The Context The Industry-Institution Interaction and Memorandum of Understanding (MOU) play crucial roles in fostering effective collaboration between educational institutions and industries. The Practice The DIET will conduct regular training for the students to enhance students should acquire knowledge in the academic gap through industry training and students should be getting ready to fit into the industry. The MOUs plays a major role between institution and Industry.

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-2019-20/C-7-Data/QlMs/Cr-7.2.1/19_20_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. Portray the performance of the institution in one are distinctive to its 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-2019-20/C-7-Data/QlMs/Cr-7.3.1/19_20_7_3_2.pdf

8.Future Plans of Actions for Next Academic Year

Plan of action for the next academic year ? To continue to provide congenial learning environment for holistic development of Students, Faculty and Supporting Staff ? To inculcate online learning through add on courses. ? To continue to provide holistic value based education ? To inculcate entrepreneurial abilities in students to face the challenges of corporate world. ? To stimulate the academic environment for promotion of quality in teaching-learning process ? To undertake quality-related research studies, consultancy and training programmes ? To conduct various activities that will help students and staff to develop these skills ? To increase Extension activities ? To develop more formal linkages through MoUs ? To facilitate continuous upgradation of the college ? To organise more workshops, seminars and conferences ? To create awareness and initiate measures for protecting and promoting environment ? To promote Research by students and Faculty ? To monitor Quality Assurance and Quality Enhancement activities ? To support various Staff Welfare measures. ? To facilitate Faculty and Student Exchange Programmes with Other Academic Institutions and Linkages ? To foster and strengthen relationship through Faculty and Student Exchange Programmes ? To devise techniques to improve Teaching Learning Evaluation process ? To continue to provide formal education to needy and deserving students ? To arrange career guidance programmes ? To emerge as an exemplar to other colleges