



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institute)

Approved by A.I.C.T.E & Permanently affiliated to JNTU GV

Accredited by NAAC with 'A' Grade and Inclusion u/s 2(f) & 12(B) of UGC Act

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.

NH-16, Anakapalle - 531002, Visakhapatnam, A.P.

Website: www.diet.edu.in, 9963993229 E-mail: principal@diet.edu.in

CRITERIA- 6

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle); Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Algorithm for CO-PO Attainment process

1. With the help of mid answer scripts attainment level of each CO is calculated and converted into the 3 point scale.
2. Using Quiz and assignment marks attainment level of each CO is calculated and converted into the 3 point scale.
3. Average of Mid Exam, Quiz and Assignment Attainment level is considered as internal exam attainment.
4. Using following rubrics Semester end exam attainment calculated

Table 2 Rubrics for Semester end exams

End exam Results	Grade allocation
≥80%	3
60-79%	2
50-59%	1

5. Attainment of COs calculated using following formula
 $70\% \text{ of semester end exam} + 30\% \text{ internal exam}$
6. Attainment of CO-PO calculated by using following formula



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(Attainment Level of Individual CO × mapping level of CO-PO)

3

7. Overall Direct Attainment is equal to Average of each PO attainment level of all COs

Algorithm for CO-PO

Attainment process

(Indirect assessment)

1. Assessment

Tools

Alumni

feedback

Faculty

feedback

2. Feedback percentage is calculated using formula

$$\frac{(\text{Number of excellent responses} + \text{Number of good responses} + \text{Number of Average responses})}{\text{Total Responses}}$$

3. Rubrics for feedback percentage

End exam Results	Grade allocation
≥80%	3
60-79%	2
50-59%	1

3. 10% of weightage given to each feedback



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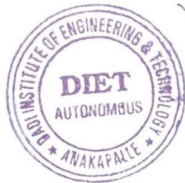
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4. Indirect Attainment=

(Alumni feedback Grade \times 0.1+Faculty feedback Grade \times 0.1)

5. Overall attainment is calculated using following formula (80% of Direct attainment)+(20% of Indirect attainment)




Principal

PRINCIPAL
Dadi Institute of
Engineering & Technology
Autonomous
Anakapalle - 531 002.



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Quality Initiatives by the IQAC during year for promoting quality culture for the Academic year 2023-24

Quality Initiatives by the IQAC during year

1. Participation in NIRF, IIC and AIIRA Rankings
2. Initiated DIET Rural Outreach programme (DROP)
3. Inclusion of policy related to Sustainable development Goals (SDGs)
4. Skill training provided with Department Club activities
5. Proposed MoU with Art of Living foundation and conducted Faculty development programme for faculty holistic development
6. Promoting Yoga sessions in regular curriculum.


IQAC Coordinator

Coordinator IQAC
Dadi Institute of Engineering & Technology
Anakapalle





IQAC Chairman-Principal


PRINCIPAL
Dadi Institute of
Engineering & Technology
Autonomous
Anakapalle - 531 002

Plan of Action for the A.Y 2023-24 :

1. To recruit and retain well qualified motivated faculty.
2. To provide amenities and sports facilities in harmony with nature.
3. To provide holistic value based education and inculcate entrepreneurial abilities in students to face the challenges of corporate world.
4. To arrange career guidance programmes and motivate students to choose bright career options .
5. To obtain better NIRF Ranking.
6. To attain Autonomous status.
7. To develop more formal linkages through MoUs
8. To facilitate continuous upgradation of the college
9. To organise more workshops, seminars and conferences
10. To create awareness and initiate measures for protecting and promoting environment
11. To promote Research by students and Faculty
12. To monitor Quality Assurance and Quality Enhancement activities
- 13 To support various Staff Welfare measures.
14. To facilitate Faculty and Student Exchange Programmes with Other Academic Institutions and Linkages
15. To foster and strengthen relationship through Faculty and Student Exchange Programmes
16. To devise techniques to improve Teaching Learning & Evaluation process
17. To continue to provide formal education to needy and deserving students
18. To emerge as an exemplar to other institutes.


IQAC Coordinator

Coordinator IQAC
Dadi Institute of Engineering & Technology
Anakapalle





IQAC Chairman-Principal

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BEST PRACTISES

1. Title of the Practice- Green campus

- Restricted entry of automobiles into the campus.
- Use of Bicycles/Battery Powered Vehicles by students and staff coming from nearby villages and using Institute transport for long distance commuters.
- Pedestrian friendly pathways and vehicle parking place is provided at the main entrance of the Institute.
- Usage of plastic is banned in the campus. Awareness sessions to ban plastic are conducted for the students and staff.
- Landscaping with trees and plants in the campus with regular gardening and cleanliness being monitored.



Green Campus Audit assessment is a process of systematic identification, quantification, recording, reporting and analysis of components of environmental diversity of various establishments. It aims to analyze environmental practices within and outside of the concerned sites, which will have an impact on the eco-friendly ambience. Green audit can be a useful tool for a college to determine how and where they are using the most energy or water or resources; the college can then consider how to implement changes and make savings. It can also be used to determine the type and volume of waste, which can be used for a recycling project to improve waste minimization plan. It can create health consciousness and promote environmental awareness, values and ethics. It provides staff and students better understanding



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of green impact on campus. If self-enquiry is a natural and necessary outgrowth of a quality education, it could also be stated that institutional self-enquiry is a natural and necessary outgrowth of a quality educational institution. Thus, it is imperative that the college evaluate its own contributions toward a sustainable future. As environmental sustainability is becoming an increasingly important issue for the nation, the role of higher educational institutions in relation to environmental sustainability is more prevalent. Green audit is a potential tool which can be used effectively by an educational institution for resource usage identification and optimization. 'Green auditing is the process of identifying and determining whether institutions' practices are eco-friendly and sustainable. The main objective to carry out green audit is to check green practices followed by the college and to conduct a well formulated audit report boundaries and where it stands on a scale of environmental soundness.

Green campus Initiatives:

a. Restricted Entry of Automobiles: The institute operates a fleet of 10 buses covering corners of Anakapalle to facilitate the students and staff. The institute encourages the staff and students to use the institute transport instead of their own vehicles for safety, security, fuel conservation and to reduce environmental pollution. The institute buses are checked for pollution by the authorized agency. The vehicles owned by faculty or students with pollution check stickers are permitted into the campus. Random checks are made to check the validation and periodicity of this certificate. For two wheelers or four wheelers, security measures are mandatory. Unknown vehicles are not permitted inside the campus without prior permission. Visitors have to record their name, purpose of entry, in and out time and signature in the register maintained at the entry gates. Separate parking area is allotted for outsiders. CCTV cameras are also installed at the gates to monitor the entry and exit of the visitors. „Clean Green Day “is observed once in every semester to create awareness on air pollution



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Restricted entry of automobiles

b. Use of Bicycles/Battery Powered Vehicles Students and staff coming from near by villages also prefer bicycles a mode of transport for attending the Institute. It is environment friendly and prevents pollution.



Battery powered vehicle



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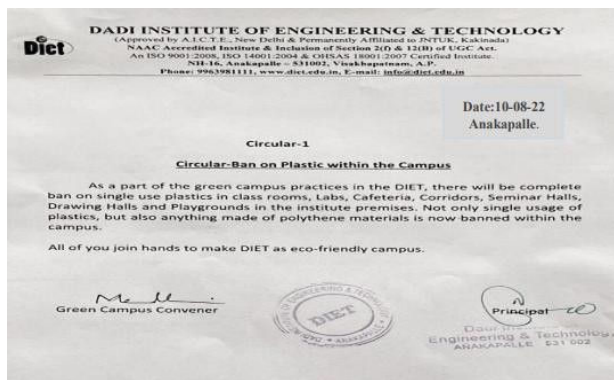
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c. Pedestrian Friendly Pathways Vehicle parking place is provided at the main entrance of the institute campus. As the campus is vehicle free with some exceptions, students and staff experience comfort walking through the pedestrian friendly pathways. The internal roads are lined with trees and solar lights and they are properly maintained by the campus maintenance committee.



Pedestrian Friendly pathways

d. Ban on use of Plastic : Circulars were issued in the campus to ban Plastic usage. Within the campus, we have also gained that no-plastic zone. Single-use plastic items such as plastic bottles, bags, spoons, straws and cups are banned completely and awareness created among staff and students through orientation programmed and display boards across the campus. To restrict the use of plastic, measures have been taken to replace plastic tea cups and glasses with steel glasses in the cafeteria. The staff and students are intimated to use steel or copper water bottles instead of plastic bottles.





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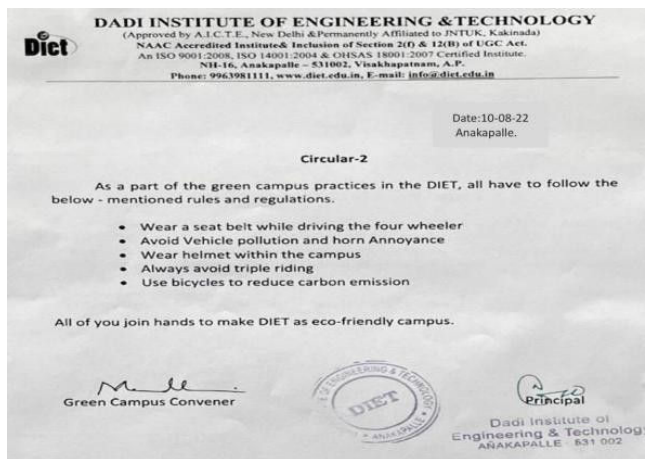
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Circular and Sign boards regarding Green Initiatives.

e. Landscaping with trees and plants Dadi Institute of Engineering and Technology having 10.16 acres of land has various buildings such as main building and cafeteria. In the campus, nearly 35 species of plants were planted. Students of N.S.S., non-teaching staff will take care of the campus and keep the campus green and clean at all times.



Landscaping with trees and plants



NSS team



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2. Title of the Practice: Mentoring

- The goal of a mentorship program is to accelerate the personal and professional development of mentees. This is achieved by providing mentees with guidance, advice and feedback from mentor. This is done to ponder commitment and dedication from students in their voyage of academic excellence.
- To support the professional advancement of the mentees by relaying experiences and knowledge of mentors in the key performance areas of teaching, research and support service
- To address psychosocial issues of the mentees before they deteriorate.
- To improve the study environment by improving the relationship between teachers and their students to make the teaching more effective.
- The purpose of this exercise is to assess skills, strengths, weaknesses and areas where development is needed.

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STUDENT GENERAL INFORMATION

Admitted Batch: 202-26 Branch: EEE

1. Student Profile

a. Name of the Student: Archana

b. Surname: Fada

c. Nationality: Indian Religion: Hindu

e. Caste: B.C.D Category: Koppula Velama

g. Date of Birth: 12/02/2004 Place of Birth: Gajuwaka

i. Hall Ticket No.: 22045A0211

j. Aadhar No.: 372017249816

k. Residence Address: Door No. 7-31/A

Building Name / Flat: _____
Street: Sriramanayal Arisanda
City: Visakhapatnam District: Visakhapatnam
State: Andhra Pradesh Pin Code: 530053

l. Student Mobile No.: 8897660535

m. E-Mail of Student: 22045A0211@diet.edu.in

n. Mother Tongue: Telugu

2. Profile of Parents -

a. Name of the Father: E. Ramo Babu
Occupation: Steel plant Control Job
Mobile No.: 9463165964
Education: ITI E-Mail id: _____

b. Name of the Mother: E. Rajeswari
Occupation: Housewife
Mobile No.: 9154610052
Education: Intermediate E-Mail id: _____

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B.TECH SEMESTER WISE MENTORING SHEET

III Year - II Semester

REGULATION & ACADEMIC YEAR: R20 28-29 ABC DO: 609465721802

DETAILS OF THE MENTOR: P. Savana Lakshmi

1. Student Name & Regd No: E. Archana
22045A0211

2. Student Ph. No.: 8897660535

3. Parent Mobile No.: 9154610052

4. Student e-mail ID: 22045A0211@diet.edu.in

5. Parent e-mail ID: _____

6. Attendance

(1) Month <u>Jan</u>	% of Attendance: <u>91.5</u>
No. of working periods <u>102</u> No. of periods attended <u>93</u>	
(2) Month <u>Feb</u>	% of Attendance: <u>87.90%</u>
No. of working periods <u>248</u> No. of periods attended <u>218</u>	
(3) Month <u>March</u>	% of Attendance: <u>87.5%</u>
No. of working periods <u>393</u> No. of periods attended <u>344</u>	



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Sl. No.	Subject Name	Test - 1 Marks			Test - 2 Marks			Final Test Marks	Assignment's Submission Yes or No					Overall Marks	
		MD-1	MD-2	MD-3	MD-1	MD-2	MD-3		1	2	3	4	5		
1	TPHC	15	9	5	24	15	4	5	24	Y	Y	Y	Y	Y	Y
2	ET&I	14	5	5	24	15	4	5	24	Y	Y	Y	Y	Y	Y
3	TEPA	13	7	5	25	10	5	5	30	Y	Y	Y	Y	Y	Y
4	ED	14	10	4	28	15	10	5	30	Y	Y	Y	Y	Y	Y
5	IoT	15	10	5	30	15	6	5	26	Y	Y	Y	Y	Y	Y
6															
7															
8															
9															

END OF THE SEMESTER REPORT

1. General Observations -

a) Academic Development :
She is excellent in studies. She completed different emerging courses (Python, electrical, Vehicle & Mobility, PYTHON & OS/ANGIO (OPEN))

b) Any other :
she is excellent in technical knowledge & communication skills.

Please mention your rating as - EXCELLENT / GOOD / SATISFACTORY / POOR

2. Personality Development -

a) Communication Skills : *good*

b) Behaviour with other students : *good*

c) Team Spirit / Ability to mingle with others : *excellent*

d) Creativity : *excellent*

e) Leadership Qualities : *excellent*

f) Regularity (monthly attendance) : *good*

g) Maintenance of dress code : *good*

h) General attitude (Hard working/ easy going/ works under supervision) : *Hard working*

i) Any destructive / negative thinking : _____

j) General Behaviour

a) (PI ✓ the box)

1. Aggressive in : _____

2. Dull due to : _____

3. Community Service Project : _____

4. Industrial Training : _____

5. Internship : _____

6. Skill Oriented Courses : *Wireless communication, etc.*

Wkly Report	Mentoring Area	Problems, if any	Suggestions	Signature of the Student	Signature of the Mentor
20/11/23	ATTENDANCE	Good	Participate in various activities and apply	E. Anitha	P. S. Srinivas
21/11/23	ACADEMICS	Good	for ACTE-2024	E. Anitha	P. S. Srinivas
22/11/23	BEHAVIOUR	Good		E. Anitha	P. S. Srinivas
23/11/23	CO-CURRICULAR	Active		E. Anitha	P. S. Srinivas
24/11/23	ATTENDANCE	Good	Regular for course	E. Anitha	P. S. Srinivas
25/11/23	ACADEMICS	Good	Participate in various activities	E. Anitha	P. S. Srinivas
26/11/23	BEHAVIOUR	Good	for internships	E. Anitha	P. S. Srinivas
27/11/23	CO-CURRICULAR	Active		E. Anitha	P. S. Srinivas
28/11/23	ATTENDANCE	Good	Complete the assignment	E. Anitha	P. S. Srinivas
29/11/23	ACADEMICS	Good	Regular for assignments	E. Anitha	P. S. Srinivas
30/11/23	BEHAVIOUR	Good	Participate in various activities	E. Anitha	P. S. Srinivas
01/12/23	CO-CURRICULAR	Active	Participate in various activities	E. Anitha	P. S. Srinivas
02/12/23	ATTENDANCE	Good	Complete the assignment	E. Anitha	P. S. Srinivas
03/12/23	ACADEMICS	Good	Participate in various activities	E. Anitha	P. S. Srinivas
04/12/23	BEHAVIOUR	Good	Participate in various activities	E. Anitha	P. S. Srinivas
05/12/23	CO-CURRICULAR	Active	Participate in various activities	E. Anitha	P. S. Srinivas
06/12/23	ATTENDANCE	Good	Complete the assignment	E. Anitha	P. S. Srinivas
07/12/23	ACADEMICS	Good	Participate in various activities	E. Anitha	P. S. Srinivas
08/12/23	BEHAVIOUR	Good	Participate in various activities	E. Anitha	P. S. Srinivas

Mentoring Book and Mentoring process at DIET

Evidence of Success:

Academic year: 2022-23



1. Student Details:

GUNAS

GRE 2023 Qualified

Department: ECE

Academic Journey: Basically, He is good and dedicative aspirant but lack of counseling regarding higher education opportunities. During some phase he elected as IEEE student section member due to this he didn't perform well in the academics with backlogs. At this critical situation mentor plays an active role to upgrade his balancing dual roles at a time strategy which further helps him to manage time in GRE exam and performed well in interviews also.



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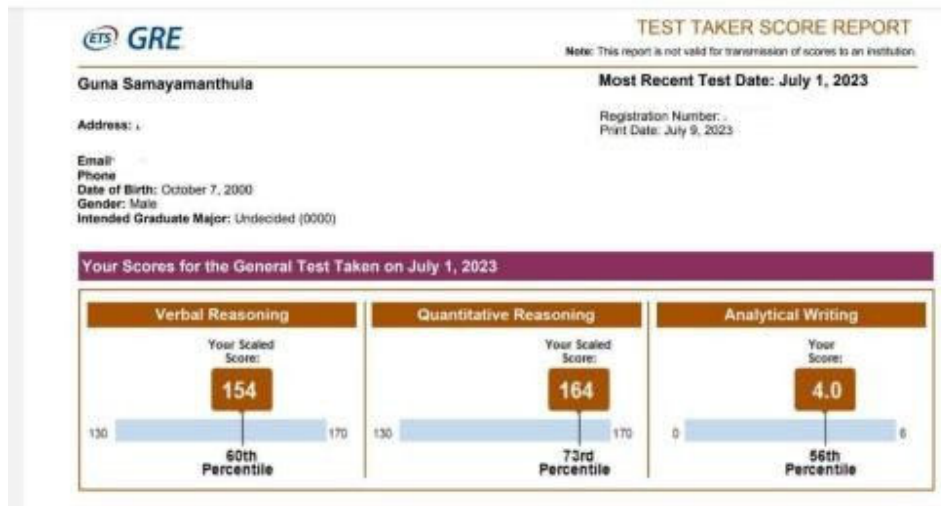
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b) Observable Behavioral Aspects

a) Name of the language he / she uses

i) In the class room with teacher : Telugu

ii) Outside class room with teacher : Telugu

b) Any other abnormal behavior : _____

c) Achievements in the current semester (attach photos / proofs if any)

1. Done course in wireless communication for everybody

2. Participated in expert talk on smart grid - 10/8/23

3. Participated in Project Presentation 30-10-23 at DIET.

4. Got selected for Paid internship Phoratech

d) Mentor Report -

She is good at academics. She completed different emerging courses. She appeared for different interview and got selected but due to academics she didn't joined. She is learning present emerging courses to get selected for placement in software companies.

e) Suggestions of the Mentor for further development -

Continue the same. Learn the new courses, improve in communication skills.



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3. **Professional connectivity:**

The professional connectivity between Dadi Institute of Engineering and Technology and IETE enhances opportunities for faculty and students to engage with industry experts, participate in technical events, and access valuable resources in electronics, telecommunication, computer science, and IT. This association supports professional development, research collaborations, and contributes to the overall academic and technical growth of the institution.

Having nearly 300 student members as part of the IETE's Institution Students' Forum (ISF) at Dadi Institute of Engineering and Technology provides students with enhanced learning experiences, access to technical resources, and opportunities for networking and professional growth in the fields of electronics, telecommunication, computer science, and IT.

The IETE Student Forum (ISF) at Dadi Institute of Engineering and Technology works on various programs to support student professional growth, including:

- **Poster Presentations:** Providing a platform for students to showcase their research and project work visually, enhancing their ability to communicate complex ideas effectively.
- **Idea Presentations:** Encouraging students to present innovative ideas and solutions, fostering creativity and critical thinking.
- **Quizzes:** Organizing quizzes on technical subjects to test and improve students' knowledge, making learning interactive and fun.
- **Interview Preparation Programs:** Offering training and mock interviews to help students develop the skills needed for successful job interviews, including resume building and communication skills.
- **Student Development Programs:** Conducting workshops, seminars, and training sessions on various technical and soft skills to prepare students for the professional world.



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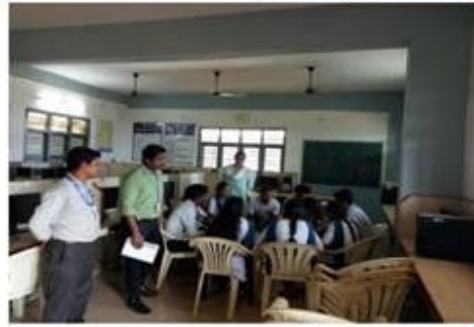
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These initiatives aim to enhance students' technical knowledge, presentation skills, and overall confidence, preparing them for successful careers





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4. **Outreach programs :**

DIET Initiated one of the prestigious outreach program under Community service “ DIET Rural Outreach Program”. As a token of the contribution from the students regarding the Community Service project published a Book which contains the outcomes of the field study at the adopted school/Village.

Motivation:

DIET (Autonomous) believes in the overall development of the students. The College pays special attention to inculcate values in the students at every opportunity. DIET Rural Outreach Programme (DROP), a unique endeavor of the College, is an extension activity aimed at reaching out to the marginalized and underprivileged. An outreach program aims to help, uplift, and support those who are deprived of certain services and rights. It involves giving learning, social planning, health support, and other projects for their welfare.

Why the need to start or join an outreach program?

The main purpose is to help achieve a goal for the greater good. This is by choosing a specific group, analyzing their needs on certain issues, and therefore building a program to aid them in learning, recovering, or becoming self-sufficient.

Project Title: DIET Rural Outreach Programme (DROP)

Project Goals & Objectives:

1. DIET Rural Outreach Programme (DROP) reaches out to people in rural areas and extends a helping hand to the needy. The students are given hands on experience in imparting life skills.
2. To train students to realize the societal needs and issues for creating sufficient awareness.
3. To train the rural area students /Govt. Schools/ Govt colleges/Institutions regarding emerging technologies and what is really required for the future of INDIA.



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4. To understand the community requirements and concerns and come up with sustainable solutions for the same.
5. To enhance the earning skills of Rural Women Folk so as to make them employable and self reliant.
6. To give a chance to students having an interaction with NGOs and established social entrepreneurs.
7. To stimulate in the development of students' character and citizenship spirit by involving in community outreach activities.
8. To assist students to develop purpose, integrity, ethical practices and civic responsibility.
9. To strengthen leadership skills.

Approach:

DIET Student and faculty team will take an oath to empower the society by means of all hurdles they are facing.

DROP team will create awareness in rural communities regarding student role in current scenario.

DIET Rural Outreach Programme (DROP)

- The team will encourage the budding researchers at Schooling level.
- The team will educate the primary/ secondary grade teachers regarding the
- Innovative research oriented studies and significance of emerging trends and their roles.
- Team will survey the rural area problems and empower & educate the youth
- and work on the real time problems.



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"DIET Rural Outreach Program - DROP 2k24" which is an in depth analysis of recent Community service projects by III B.Tech. EEE students on the occasion of engineers day celebrations on 13th Sept. 2024 by Dr Abraham Varughese , OS & Director, Naval Science & Technological Laboratory(NSTL), Visakhapatnam.



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5. Club Activities :

DIET promotes innovation & research oriented studies. The club activities by each and every department empowers the students in all aspects. Regular Internal Energy Audits are conducted at the DIET Premises by Energy conservation Club.

Organized by : EEE Department SPARKS CLUB

Brief Summary:

This event is exclusively conducted for IV EEE students to enhance their technical, analytical and presentation skills where a circuit task is assigned to each team to perform individually and also as a group. Circuit once solved needs to be analyzed and sent to the remaining team members for presenting in front of other students of their respective classes



Organized by : EEE Department SPARKS CLUB

Brief Summary:

As a part of our Sparks club activity, today we have conducted two acts (Role Play & Contraptions) in which 3 teams have participated with a test of Spontaneity, Leadership skills and innovative ideas. 18 Students have effectively made use of this activity in front of the remaining 70 odd students. This process was monitored by Mr A KRISHNA NAG, Associate Professor - EEE



Department of EEE, Dadi Institute of Engineering & Technology has successfully organized a field visit to “NSTL-DRDO VIZAG” for students. This was conducted to know the latest technologies used by the Defense forces. NSTL-DRDO VIZAG the Naval Science and Technological Laboratory is an Indian Defense laboratory of the Defense Research and Development Organization, located in Visakhapatnam. Its main function is the research and



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development of underwater weapons and associated systems. NSTL is organized under DRDO's Directorate of Naval R&D. This has motivated all enthusiastic students to utilize this opportunity and know about the technologies used in the Defense forces.





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Students actively taking part in Project Expo at NSTL - DRDO

Objective of this visit was to create an environment for exploring innovative technologies used in the ships & submarines and also to nurture and help students in promoting their ideas to next level. It was observed that Students have gained confidence in generating and promoting their ideas used in the torpedoes. Faculties were able to select students who are innovative and guided them to build their ideas.



Industrial Visits (Participatory Learning) & Laboratory sessions (Experiential Learning)



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Internal Energy AUDIT

Electronics Club

The Electronics Club is a student-run organization dedicated to fostering enthusiasm and passion for electronics and related fields among ECE students. It offers a platform where individuals with innovative ideas can freely approach the club to acquire the technical skills needed to bring their concepts to life. The club provides students with opportunities to explore beyond the academic curriculum, gaining practical experience by applying and implementing concepts learned in their theoretical courses. Its mission is to address key topics that are either not covered or only briefly mentioned in the standard syllabus.

The "ResumeBuilding Workshop" aimed to equip students with the skills and knowledge necessary to create compelling resumes that effectively showcase their qualifications and achievements. This workshop was designed for students at all stages of their academic journey, from freshmen to seniors, preparing for internships, part-time jobs, or full-time employment. Dr. Anjaneer Kumar, Associate Professor, Department of ECE was the resource person. In the workshop resource person discussed about the key sections of a resume like



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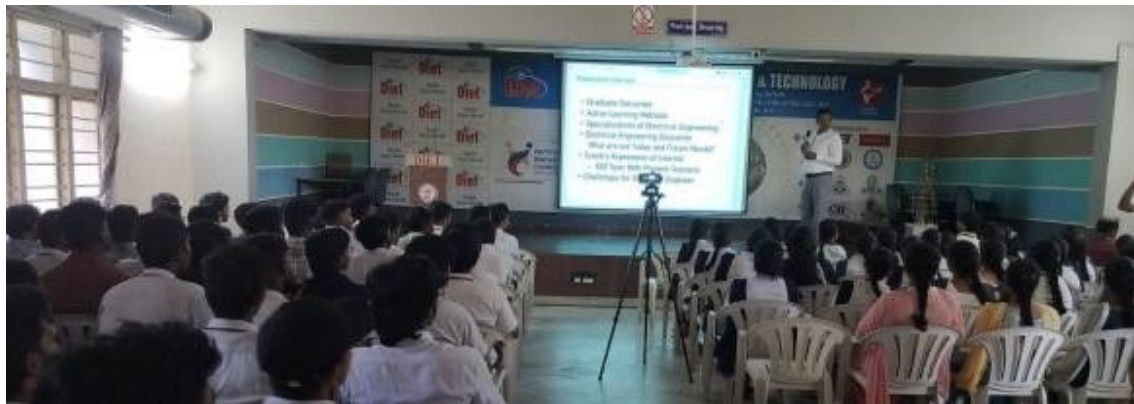
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contact information, Objective/summary, education, experience, skills. Importance of clear and professional formatting, techniques for customizing resumes for specific job applications



Expert Talks on Emerging Trends

Coding Club:

Coding club often host activities that help students learn computer programming and related skills. In the CSD & CSM Department organizing coding club activities by Mr A.Venkateswara Rao, HoD- CSD & CSM and with department faculty members in hybrid mode, some common activities include:



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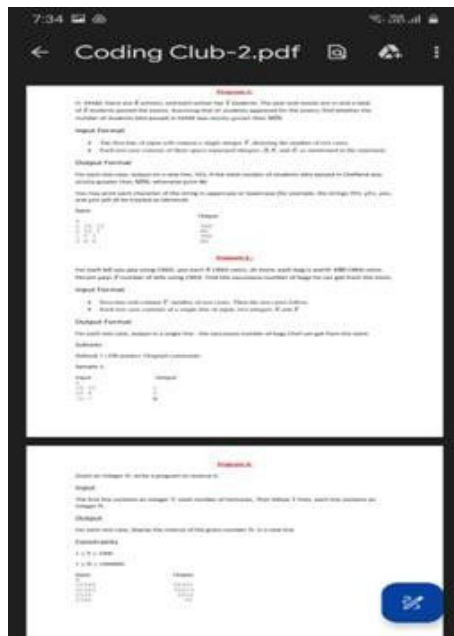
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- Coding challenges: Students can compete in coding challenges against other students or teams.
- Hackathons: Students can compete against other clubs to solve a challenging problem. Hackathons can be a great way to network with other coding enthusiasts and industry professionals.
- Workshops: Students can learn about coding basics or other topics through workshops.
- Program coding: Students can learn how to code programs.
- Debugging: Students can learn how to debug programs.
- Application development: Students can learn how to develop applications.
- Web development: Students can learn how to develop websites.
- Artificial intelligence: Students can learn about artificial intelligence.
- Robotics: Students can learn about robotics.
- Game design: Students can learn about game design.





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Skill-A-Thon

Discover the world of Web-Development at the Skill-A-thon 2024, Organized by APSSDC, an academy of My Website in association with the Department of CSD & CSM. In this self-learning program, higher education students can showcase their Web-Development prowess! This self-learning platform will allow them to explore the world of Web-Development technologies.

An individual's future-proof their careers, ensuring they remain adaptable and in-demand in the dynamic job market. All the department of CSD & CSM students participated in this Skill-A-Thon.



Awareness programs from Entrepreneur and Development Cell



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Department of Management Studies Organising A Seminar on
Customer Awareness Programme
"RESERVE BANK OF INDIA (RBI) - INTEGRATED
OMBUDSMAN SCHEME - 2021"

Resource Persons

 P Jaya Lakshmi, Manager (PS to Ombudsman), RBI	 B Niteesh, Assistant, RBI	 R Vijaya Durga Lakshmi Regional Nodal Officer Dy Vice President KOTAK MAHENDRA BANK	 Vijay KV Area Manager Dy Vice President KOTAK MAHENDRA BANK
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8th AUGUST, 2024
11 AM
Seminar hall-1(A/C)

Dr. Rama Kumar. P. B.
HOD- MBA
Dr. R. Vaikunta Rao
Principal
Sri. Dadi Ratnakar
Chairman



R.Vijaya Durga Lakshmi, Regional Nodal Officer, Deputy Vice President, Kotak Mahindra Bank.

Career Guidance Cell



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Career Guidance Cell Activity : IFS Ms B Viswanjali

6. Wall of Fame and felicitation to the parents :

Unveiling of the “Wall of Fame” by our Hon'ble Chairman Sri Dadi Ratnakar along with Principal Dr. R Vaikunta Rao.



Which is first of its kind to encourage students who are excelling in the domains of Academics, Sports, Volunteering, and Extracurricular activities. By showcasing their journey toward their achievements and also inspiring the remaining students of college.



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Felicitation to the Parents

7. Active Student R&D

DIET Promotes research oriented studies which are related to societal problems. Students are very enthusiastic towards the latest trends in research and development. They participated in Hackathons, Project expos, IEEE , ACM, CSI events. As a result students published their research contributions in Books and presented their research papers in IEEE Conferences.

Each department will conduct IIC events regularly as a result DIET secured a good Ranking in Innovation phase. Student projects got selected for Indian Patent Rights for sustainable development goals.

Office of the Controller General of Patents, Designs & Trade Marks
 Department for Promotion of Industry and Internal Trade
 Ministry of Commerce & Industry,
 Government of India
<http://ipindia.nic.in/index.htm>

INTELLECTUAL PROPERTY INDIA
<http://ipindia.nic.in/index.htm>

Application Details	
APPLICATION NUMBER	2023A1028416
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	24/04/2023
APPLICANT NAME	1. Dr. A. S. L. K. GODLAMMA 2. JAMI DEEPT KUMAR 3. SACHI SACHANAGAM 4. SURJEETTY UDAY KIRAN 5. RANAJA DINTI KUNAGI 6. MAJJI PREM KUMAR
TITLE OF INVENTION	AUTOMATED SMART STREET LIGHTS WITH FAULT DETECTION
FIELD OF INVENTION	ELECTRONICS
EMAIL (As Per Record)	gopika.aravalli@gmail.com
ADDITIONAL EMAIL (As Per Record)	aravallielect@gmail.com
EMAIL UPDATED ONLINE	
PRIORITY DATE	

Office of the Controller General of Patents, Designs & Trade Marks
 Department for Promotion of Industry and Internal Trade
 Ministry of Commerce & Industry,
 Government of India
<http://ipindia.nic.in/index.htm>

INTELLECTUAL PROPERTY INDIA
<http://ipindia.nic.in/index.htm>

Application Details	
APPLICATION NUMBER	2023A1028415
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	25/04/2023
APPLICANT NAME	1. RANGALA SITHA JAGADEESH 2. MCTUR VENKATESH 3. VITHIRAJANI VENKATESWARA RAO 4. URPELLI JANAKI 5. Dr. A. S. L. K. GODLAMMA 6. Sobha Sri Ganesh
TITLE OF INVENTION	A NOVEL APPROACH TO CONTROL VELOCITY OF PMSM FED BY POWER ELECTRONIC CONVERTER
FIELD OF INVENTION	ELECTRICAL
EMAIL (As Per Record)	gopika.aravalli@gmail.com
ADDITIONAL EMAIL (As Per Record)	aravallielect@gmail.com
EMAIL UPDATED ONLINE	
PRIORITY DATE	

REQUEST FOR EXAMINATION DATE: -
 PUBLICATION DATE (AS 11A): 28/07/2023

Application Status

APPLICATION STATUS: Awaiting Request for Examination

View Documents

➡ Filed ➡ Published ➡ RQ Filed ➡ Under Examination ➡ Disposed

IPINDIA.NIC.IN

REQUEST FOR EXAMINATION DATE: -
 PUBLICATION DATE (AS 11A): 28/07/2023

Application Status

APPLICATION STATUS: Awaiting Request for Examination

View Documents

➡ Filed ➡ Published ➡ RQ Filed ➡ Under Examination ➡ Disposed

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Website: www.diet.edu.in, 9963993229 E-mail: principal@diet.edu.in

Application Details	
APPLICATION NUMBER	20241231935
APPLICATION TYPE	DISCLAIMER APPLICATION
DATE OF FILING	20/06/2024
APPLICANT NAME	1. Dr. A. S. L. K. GOSWALAMMA 2. P. Raju Sri 3. A.C. Krishna 4. D. Narayana Kumar 5. S. Mani Raja
TITLE OF INVENTION	DESIGN AND IMPLEMENTATION OF PORTABLE FIBER POWDER GENERATOR USING WASTE WATER SYSTEM
FIELD OF INVENTION	MECHANICAL ENGINEERING
DATE OF INVENTION	20/06/2024
ACADEMIC INSTITUTE, INVENTOR	www.diet.edu.in
EXAM. UPDATED ON	
PRIORITY DATE	

REQUEST FOR EXAMINATION DATE	-
PUBLICATION STATUS (Y/N)	20/06/2024

Application Status

APPLICATION STATUS: Awaiting Request for Examination

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➡ Filed ➡ Published ➡ RQ Filed ➡ Under Examination ➡ Disposed

IPINDIA BY: www.ipindia.nic.in

Students published their research papers in Indian Patent Rights Journal





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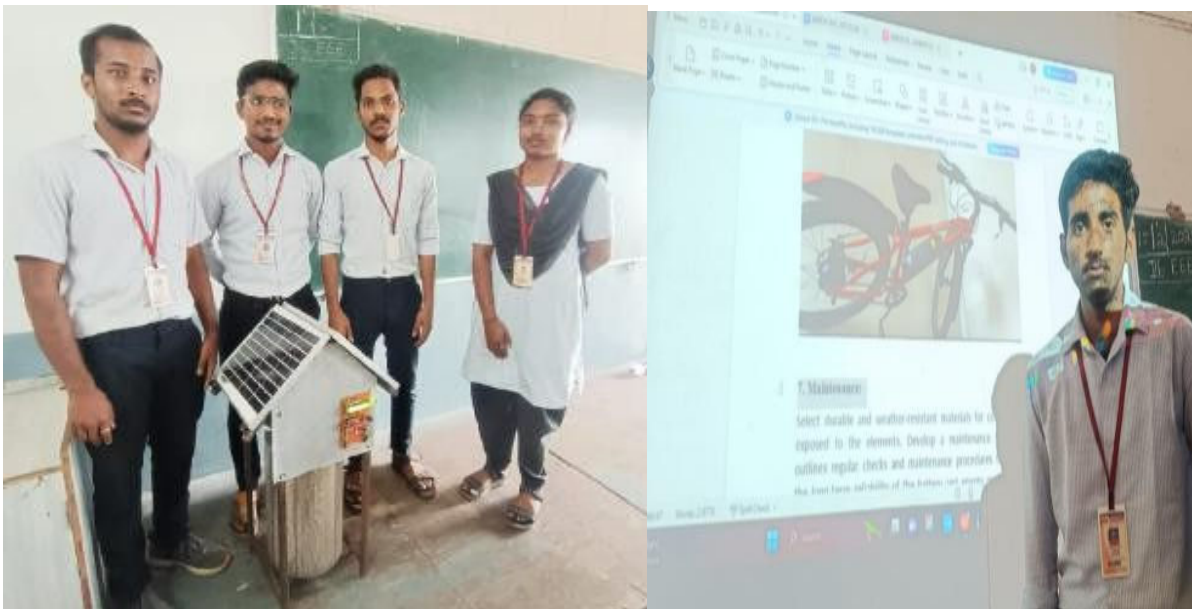
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(a) Participation in National Level Smart India Hackathon & Project Expo at NSTL

(b) Student Book Chapters





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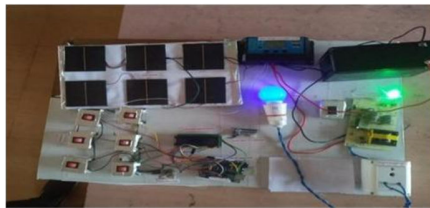
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Course Based projects implemented at DIET Premises



Course based Projects towards Sustainability



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Participation in Book talks conducted by KIM Committee

HC Events

As part of the World Intellectual Property Day activity, all the MBA and B.Tech ECE branch students gathered, and the event was organized by the R&D team. The session focused on raising awareness about the importance of the Intellectual Property program. World Intellectual Property Day is celebrated annually on April 26th. Intellectual property (IP) encompasses creations of the mind, such as inventions, literary and artistic works, designs, and symbols, as well as names and images used in commerce. According to WIPO, World IP Day on April 26, 2023, celebrates the "can-do" attitude of women inventors, creators, and entrepreneurs around the world and their groundbreaking contributions.



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A Visit of NSTL Project Expo on the Eve of National Technology Day

National Technology Day is celebrated annually to commemorate the significant contributions made by scientists, engineers, and researchers towards advancing science and technology in India. On the eve of this auspicious day, Dadi Institute of Engineering Technology Students had the privilege of visiting the NSTL (Naval Science and Technological Laboratory) Project Expo, which showcased various innovative projects and cutting-edge technologies developed by them, other university students and scientists at NSTL. The Naval Science and Technological Laboratory (NSTL) is a premier defense research laboratory in Visakhapatnam, Andhra Pradesh, India. It is a crucial constituent of the Defense Research and Development Organization (DRDO) and primarily focuses on developing advanced naval technologies and systems for the Indian Navy.



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Workshop on Intellectual Property Rights (IPRs) and IP management for start up

A workshop was arranged on "Intellectual Property Rights (IPRs) and IP management for startup" by the Novel Patent Services, Visakhapatnam on Thursday, 18th May 2023. Mr. Raju S V A N, Administration Manager, Novel Patent Services, Visakhapatnam was the key speaker for this workshop. He explained about steps involved in the patent application and the types of the patent application. He discussed how multiple provisional application works and the process after completion of the application. The provisional specification contains the title and description of the invention. The complete specification should be filed within 12 months from the date of the first provisional application or else it will be abandoned. The patent application gets published in the official journal after 18 months earliest priority date. Patent rights start from the date of application.



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Students Participation in Smart India Hackathon



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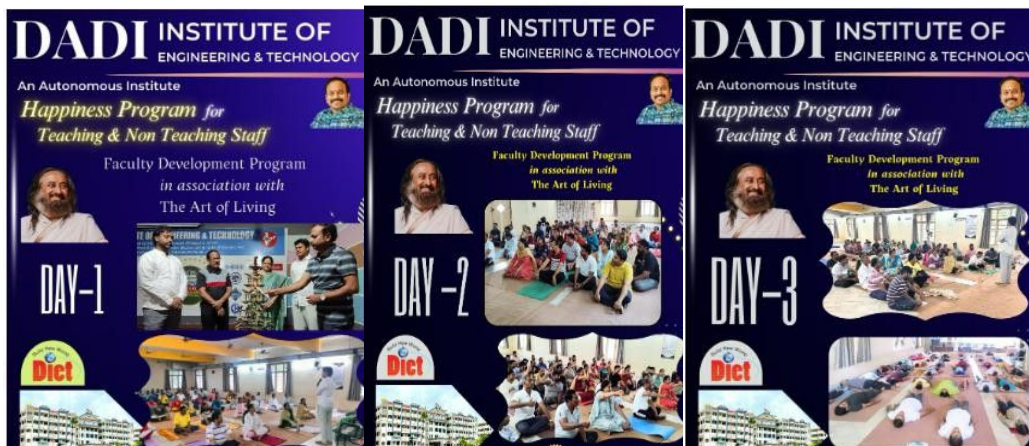
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8. ART of Living Programs :

The Art of Living "Happiness Program for Teaching & Non Teaching Staff" has provided tools and techniques to manage stress, enhance overall well-being, and cultivate a deeper sense of happiness and fulfillment in both personal and professional spheres. Facilitated by **experienced instructors** from "The Art of Living," this program has been an enriching journey towards self-discovery and empowerment.





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DIET -Art of living _ MoU





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An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.

NH-16, Anakapalle - 531002, Visakhapatnam, A.P.

Website: www.diet.edu.in, 9963993229 E-mail: principal@diet.edu.in

The Faculty Development Program titled "Happiness Program for Teaching and Non-Teaching Staff" was held from 20th May 2024 to 25th May 2024 at Dadi Institute of Engineering & Technology (Autonomous). Organized in association with Gurudev Sri Sri Ravi Shankar Ji's The Art of Living, the program aimed to promote mental well-being, stress management, and overall happiness among the institute's staff.

Objectives

- To enhance mental health and emotional well-being among teaching and non-teaching staff.
- To teach stress management techniques and promote emotional resilience.
- To foster personal and professional growth.
- To create a positive and harmonious work environment.

Outcomes and Feedback

The program received positive feedback from participants, highlighting significant outcomes:

- Enhanced stress management and emotional resilience.
- Improved sense of well-being and happiness.
- Strengthened teamwork and communication among staff.
- A more positive and harmonious work environment

Institutional Distinctiveness

The Institution with its vision and mission has empowered many students to tower themselves into the realms of education and keep progressing forward to build a new world of success and cognizance. Students in the nuisance of knowledge, learn the importance of values and social responsibility and thrive to help themselves to accomplish distinction in various fields along with a strong candor to face global encounters. DIET always provides the students a platform to attain excellent leadership traits and ponder learning inquisitively. In addition to preparing the students with core competencies, the Institute continuously strives in making the students to understand and contribute to the socio-economic development and welfare of the society. The Institute adopts the Supply-Service-Society motto to fulfill its role of social responsibility and inspires the students to follow the same in their lives.



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institute)

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1. Supply: DIET prepares skillful Engineering graduates from rural and diversified areas, transforming them into technical leaders and supplies the same to cater to the requirements globally.
2. Service: Values keep the students motivated to work towards the goal in the society. It allows the students to give someone else a helping hand when they are in need.
3. Society: DIET promotes responsible engineers to the society. Community service and NSS activities are the regular practices adopted by the institute.



Dr. R. Vaikunta Rao
Principal

Dadi Institute of Engineering & Technology
Autonomous
Anakapalle - 531002