

DIET DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E., New Delhi & Affiliated to JNTUK, Kakinada)
NAAC Accredited Institute
NH-16, Anakapalle – 531002, Visakhapatnam, A.P.

DIET INNOVATION & INCUBATION CENTRE

Date: 20-08-2020,
Anakapalle.

To
The Principal,
Dadi Institute of Engineering & Technology
Anakapalle, Visakhapatnam.

Sub: Request for Approval to conduct **"DIET Student Innovative Idea Challenge"** – Reg

Respected Sir,

We, NSS unit is going to conduct **"DIET Student Innovative Idea Challenge"**. In this regard, we are you requesting to give approval to conduct this event on August,2020.

We request you to kindly approve and permit us to conduct this event to create awareness among locality.

Thanking You Sir,


NSS UNIT

DADI INSTITUTE OF ENGINEERING & TECHNOLOGY



(Approved by A.I.C.T.E., New Delhi & Affiliated to JNTUK, Kakinada)

A NAAC Accredited Institute

An ISO 9001:2008, ISO 14001:2004 & OHSAS 18001:2007 Certified Institution
NH-5, Anakapalle - 531002, Visakhapatnam, A.P.

Mobile: +91 9963981111, Website: www.diet.edu.in, E-mail: info@diet.edu.in

Circular

This is to inform all students and staff that NSS UNIT is conducting "DIET Student Innovative Idea Challenge" on 20 August 2020. Interested Faculty can participate.

DIET


NSS Coordinator

DIET STUDENT INNOVATIVE IDEA CHALLENGE (DSIIC-2K20) REPORT



Convener : Dr. K. Sujatha, Professor, CSE
Coordinator: Mr. M.R.V.S.G. Gupta, Assistant Professor, Civil Engg.
Dates : 20 August, 2020

DIET Innovation & Incubation Centre, Dadi Institute of Engineering & Technology has successfully organized an Idea Competition “DIET Student innovative IDEA Challenge (DSIIC-2K20)” for DIET students which included current B.Tech, Diploma, MBA and Alumni students. Students have submitted both Technical and non-technical Ideas which are liable for eventually turning to a Startup. The participants have uploaded a brief presentation (6-10 slides) with a title slide including the team members list and mentor details . The remaining slides elaborated their idea. The results were announced in the valedictory session of Role of Innovations in Teaching & Research(RITR-2K20). Dr. Ch. Prabhakara Rao, Principal has announced the prize winners of this Competition. All the participants were awarded e-certificates and best two ideas were awarded with a cash prize and merit certificate. All the mentors who have supported the students were appreciated with special Appreciation Certificates.

Competition Winners

First Prize: Rs. 500 Cash Award

Mr. P Raj Pavan
III B.Tech CIVIL Engineering
"Medical Emergency Services" App - MES

Second Prize: Rs. 250 Cash Award

2. Mr. Balaji and G Pavan kumar from III ECE(A) under the innovative idea on "Sitting Posture & Computer Ergonomics"

Judges

The idea contest was judged by external experts in a transparent way by blind folding.

The following eminent persons have judged the contest.

1. Ms. Sri Sudha S

Assistant Development Engineer

NRDC-MoMSME-Intellectual Property Facilitation Centre & Technology
and Innovation Support centre

National Research Development Corporation (NRDC)

[An Enterprise of DSIR, Ministry of Science and Technology, Government of India]

Rushikonda, Visakhapatnam, AP-530 045

Message by Ms. Sri Sudha S

In this crucial time of Covid pandemic, your institute had conducted the event digitally for bringing out innovative models from the students, On behalf of NRDC, I would like to appreciate the efforts put in by Institute for taking time to think about students good work,

2. Mr. Ch Uday Kumar,

Sr. Manager

IT & ERP DEPT

Visakhapatnam Steel Plant..

Message by Mr. Ch Uday Kumar

It's very heartening to note that DIET Anakapalle, is conducting DIET Student Innovation Idea challenge 2k20 which is aimed at inculcating innovation among the student fraternity. I am very glad and privileged to be a part of this event. Wish the event a grand success and benefit the students.

Objectives:

- To create an environment for exploring Startup Ideas in both Technical and Non-technical areas.
- To nurture and help students in promoting their Ideas to next level.
- To get ready with Ideas for uploading them to External Competitions and funding


Outcomes:

- Students have gained confidence in generating and promoting their Ideas.

- Faculties were able to select students who are innovative and guided them to build their Ideas.

Poster Release:

DSIIC-2k20 Poster was released by honorable chairman Sri Dadi Ratnakar. In his message he conveyed that Dadi Institute of Engineering & Technology will always support the students who come forward with Innovative Ideas. He appealed to students to utilize the facilities provided by DIET Innovation & Incubation Centre which is functioning actively in the campus.



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY
DIET Innovation & Incubation Centre
DIET Student Innovative IDEA Challenge (DSIIC-2K20)

Register at
<https://forms.gle/UweEMNmNPp69FL3fA>
Last Date to register 15/8/2020

Who can register:
DIET Students & DIET Alumni
Maximum two members per team

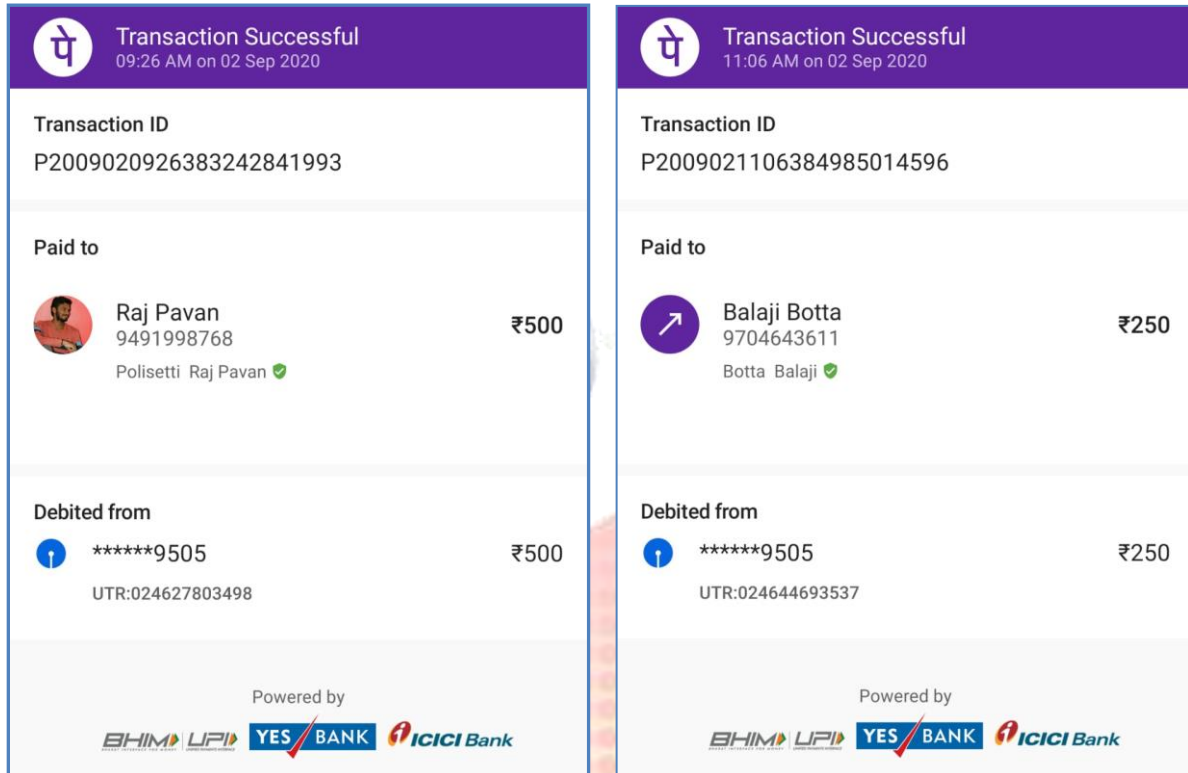
How to present
Prepare and upload ppt of 5 slides

Competition Highlights
Cash awards for two best Ideas
E-certificate will be provided for all participants
Best Ideas will be guided towards Startups
Free Registration

Cash Prizes
I Prize : Rs. 500
II Prize : Rs. 250

Anakapalle, Visakhapatnam Contact : 9963993228 email : prc@diet.edu.in

Distribution of Cash Awards Online



Prize Winners Responses

POLISETTI RAJ PAVAN – First Prize

I am Rajpavan P from the 3rd Civil B.Tech. I am very obliged to share my experience with contest DIET Student Innovative Innovation Challenge (DSIIC) 2k20. I thank our college for conducting these type of competitions even during this pandemic time. It is helping us to learn and to gain knowledge at home. It's a good platform to know our best abilities to express innovative ideas we have. It was a great pleasure to share my idea in this event. I have a request to conduct more programs.

BOTTA BALAJI – Second Prize

I would like to thankyou for this wonderful event(IIC). I would also like to thank the faculty for being so passionate when finding opportunities for us and giving us honest feedback to help us

improve our skills. I'm feeling very happy for participating in such a beautiful event. Once again thank-you #DIET.

Participants List

| SNO | TITLE OF IDEA | STUDENT NAME | Contact | Award/Participation |
|-----|---|-----------------------------------|------------|-----------------------------|
| 1 | EMERGENCY MEDICAL SERVICES....(APK) | POLISETTI RAJ PAVAN | 9491998768 | First |
| 2 | Sitting posture & computer ergonomics | B.Balaji | 9704643611 | Second |
| 3 | Harnessing Kinetic Energy from Footfalls | POLISETTI RAJ PAVAN | 9491998768 | Special Appreciation |
| 4 | DESIGN OF PIEZOELECTRIC ENERGY HARVESTER | M.Roopa | 7674059343 | Special Appreciation |
| 5 | MONITORING AND FAULT DETECTION SYSTEM FOR POWER TRANSMISSION USING GSM TECHNOLOGY | Saladi Charan | 9866459177 | Special Appreciation |
| 6 | Monitoring Traffic Rules By Using IOT | PEELA GANA SAI | 8885533354 | Special Appreciation |
| 7 | GESTURE CONTROLLED ROBOT | Pedireddla venkata taraka Swaroup | 8142322669 | Special Appreciation |
| 8 | Automatic Room Light Controller With Bidirectional Visitor Counter | Samayamanthula Guna | 8142574237 | Special Appreciation |
| 9 | Organic Tea Cup | G.krishna kiriti | 9110743719 | Special Appreciation |
| 10 | Repairing broken transmission line by use robotics and drone technology | Rongali Appalaraju | 9701962340 | Special Appreciation |
| 11 | Food Donor | Malla Balakrishna | 9704900780 | Special Appreciation |
| 12 | Social Alerter A Social Distancing Device | Seetharama murthy Durvasula | 7989423069 | Special Appreciation |
| 13 | Innovative Safety Jacket with CAP | G Surya Vamsi | 7989493629 | Participation |

| | | | | |
|----|---|-----------------------------------|------------|----------------------|
| 14 | Lowcost Ventilator | Mannem Nani | 8106063677 | Participation |
| 15 | Mobile charger built in mobile pouch | Boddeda lokesh | 8639312701 | Participation |
| 16 | ANTIVIRAL FABRICS”. | K.vamsi | 7036291944 | Participation |
| 17 | IMPLEMENTATION OF MULTI FUNCTIONAL SERVICE ROBOT | KOILADA KAVYA | 9160637712 | Participation |
| 18 | SIGN TO SPEECH CONVERSION USING ARDUINO FOR DUMB PEOPLE | DELEEP KUMAR JAMI | 9966357385 | Participation |
| 19 | SMART HOME BY USING PIR SENSOR | Maneswararao ommi | 7036623069 | Participation |
| 20 | Lyrical Caller Tunes App | Abhishek Dadi | 8074577738 | Participation |
| 21 | Key chain GPS tracker | Aravindha Dadi | 7981040559 | Participation |
| 22 | SMART HELMET WITH INTELLIGENT BIKE SYSTEM | RAVITEJA PUVVULAROU THU | 9985852883 | Participation |
| 23 | VOICE ACTIVATED SMART HOME DESIGN AND IMPLEMENTATION USING AMAZON ALEXA | Dasari jyothsna | 7386415677 | Participation |
| 24 | Finger print sensor based security system | Revathi boddeda | 9160604895 | Participation |
| 25 | INNOVATIVE STUDENT IDENTITY CARD (ISIC) | KESAVARAPU SAMPATH VINAY BHAGAVAN | 8374300824 | Participation |
| 26 | Li Fi Advanced Technology | Yanaparathi durga Lakshmi | 9177621356 | Participation |
| 27 | COPTER DELIVERY(using web mapping) | KARRI MAHESH | 9603528159 | Participation |
| 28 | GPS Tracking system in mobile pouch | Lokesh boddeda | 8639312701 | Participation |
| 29 | Charging Battery Using Wrist Watch | Polamarasetty poorna sai | 8886366942 | Participation |
| 30 | Android based E-learning application | MADDALA BHUVAN PREM SAI KUMAR | 9398838432 | Participation |
| 31 | Organic Farming | Kandregula Jaya sagar | 9581330741 | Participation |

| | | | | |
|----|-------------------------|------------------------|------------|----------------------|
| 32 | AIR RIDER HOVERCRAFT | Nemala Kusuma Priya | 9666965498 | Participation |
|----|-------------------------|------------------------|------------|----------------------|

Sample Certificates:



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Certificate of Appreciation

POLISETTI RAJ PAVAN

Dadi Institute of Engineering & Technology

has been awarded first prize in the Competition

DIET Student Innovative IDEA Challenge (DSIIC-2K20)

August, 2020

Organised by

DIET INNOVATION & INCUBATION CENTRE

in association with
Institution's Innovation Council

Dr. K. Sujatha
Convenor

Dr. Ch. Prabhakara Rao
Principal

Sri Dadi Ratnakar
Chairman

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Certificate of Participation

Aravindha Dadi

Dadi Institute of Engineering & Technology

has actively participated in the Competition

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Certificate of Appreciation

Mrs.B.T.Archana

Assistant Professor

Dadi Institute of Engineering & Technology

has been appreciated for Mentoring

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| 32 | AIR RIDER HOVERCRAFT | Nemala Kusuma Priya <i>N.K.</i> | 9666965498 | Participation |
|----|-------------------------|------------------------------------|------------|---------------|

Sample Certificates:

N.K. Dames
NSS Programming Officer
NSS Unit No. 90214306
Dadi Institute of Engg. & Technology
- ANAKAPALLI



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