DHIRAJLAL GANDHI COLLEGE OF TECHNOLOGY

EDTIC CELL

Objective of EDTIC

The core objective of EDTIC is to make our students to realize entrepreneurship as an alternative career. This includes following key parameters

- Promote entrepreneurship culture and make it their desire
- Strengthen entrepreneurs through proper mentorship and networks.
- Incorporate the importance of entrepreneurship in engineering education.
- Identifying the needs of local community, availability of resources and opportunities thereby creating employment opportunities to ensure socio-economic balance

Vision

To create an ecosystem which inculcates entrepreneurship among students and startups thereby brings out a reasonable change in the society.

Mission

- To create Entrepreneurial Culture among the students of Dhirajlal Gandhi College of Technology.
- To train the students with potentiality to become entrepreneurs, providing them support to move forward and doing real life projects on entrepreneurship.
- To know the sources of help and support available for starting a Micro Small Medium industries.
- To create technology awareness and to support the existing Small and Medium Enterprises (SMEs) of our region through Business Incubation.

Goals of EDTIC Cell

Long Term Goals

- To identify the areas that are of importance to the people of India in fostering Entrepreneurship and bringing down the unemployment rate of qualified Engineering/Diploma students.
- To conduct the entrepreneurship courses, diploma, PG diploma courses and certification courses along with the partnership of government/University/private organization /NGO.

- To conduct orientation programme for the public to attract them into establishing their own enterprises.

Short Term Goals

- To motivate students to undergo Entrepreneurship Development Program (EDP), skill development training and enhance self employment opportunities.
- Conducting Entrepreneurship Awareness Camps (EAC), Entrepreneurship Development Programs (EDP), Faculty Development programs (FDP), Skill development programs (SDP) for the student and faculties of our region.
- Arranging interaction with entrepreneurs and create a mentorship scheme for student entrepreneurs.
- Organizing business plan competitions for every year.
- Starting Incubator which fills the gap between education and employment. This includes Identification of interested students ,Identification of a project, Analysis of the project, , Project implementation, Project testing, Getting Feedback from the end user, Project modification (if necessary) and finally project branding.

Functional block of EDTIC Cell

EDTIC - Credentials

NEC Summit – conducted by IIT Bombay

- 7th Position in 2016 across India
- 9th Position in 2015 across India
- 32nd position in 2014 across India

EDTIC - Eminent Speakers

Name	Designation
Mr. G. Govindarajan	Director, DIC, Salem
Mr. Mariappan	Director, Salem Productivity Council
Mr. Vimalan	Chairman, CII, Salem
Mr. Mohan	President MMA, Salem
Mr. Gopinath	Regional Director, BNI, Salem
Mr. Aravindan	Chairman, Young India, Salem
Ms. Vishnu Priya	Southern Regional Manager, NEN
Mr. Sivaraj Ramanathan	Director, Nativelead Foundation

Achievements

- The cell is Signed MoU with National Entrepreneur Network, Wadhwani Foundation, Bangalore.
- EDTIC is the partner Institution of Tamilnadu Entrepreneurship Development Institute, Chennai.
- The Institute is empanelled as project Institution in Pradhan Mantri YUVA Yojana (PM YUVA) of NIESBUD, Noida.
- Received the grants to organize Entrepreneurship Programmes from NSTEDB approved by the EDI India, Ahmadabad.

Student's Start-up

S.No	Organization Name	Contact Details
1.	Take A Selfie	K.Balasundram Mobile:9842814445 E-mail: balafreakster@gmail.com
2	Lollipop Note Books	V.kavinraj and M.Dhevindiran Mobile:7448611834 Email:dhevendhiran108@gmail.com

3.	Spunks	S.Naveen Kumar Mobile:8148911289 Email:naveencivildgct@gmail.com
4.	Smart Box Electronics	S.Mukunthan and J.Mohanraj Mobile: 8012551177 Email: smartboxelectronics@gmail.com
5.	Elite Light's	S.Mothilalnehru Mobile:8056401137 Email:mothilalnehrus@gmail.com
6	Smart Optical	Shahul Hameed S.A Mobile: 9976797089 Email: hameed2417397@gmail.com

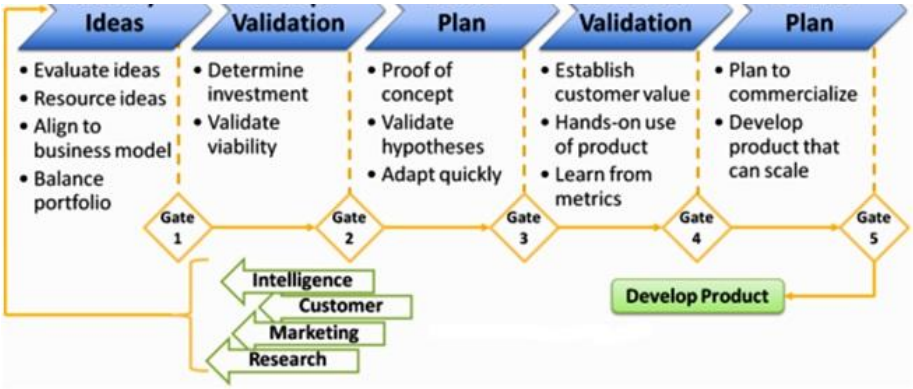
Ideation Innovation Incubation Promotion Cell (IIIPC)

Objectives of IIIPC

Ideation Innovation Incubation Promotion Cell

- Motivate to create new Ideas of science and technology
- Providing a platform to develop Innovative products.
- To promote the business of new innovative products through Incubation cell.

Process of IIIC



The Ideation, Innovation and Incubation centre is inaugurated on 8th October 2016. This centre will act as a catalyst for student innovation and provide budding entrepreneurs with necessary support, along with mentorship from academia and industry. This will help students to bring out unique ideas that will address the current societal needs through technology-based solutions.

The centre was inaugurated by Mr.Karthikeyan Natarajan, Senior Vice President and Global Head, Integrated Engineering Solutions, Tech Mahendra, Bangalore. The centre had on display around 40 innovative projects from ranging affordable housing solution to augmented reality for education. The chief guest was impressed by the level of out of box thinking that students displayed for solving real time issues.

After the inauguration of the centre, the chief guest interacted with students and faculty on upcoming opportunities in the engineering services space. Talking about the innovation trend in our country he highlighted the multiple opportunities available in Agriculture, Telecommunication, Automotive Industry, Health Care and Adaptive Security Architecture.

Dhirajlal A. Gandhi, Chairman, in his address encouraged the students to plan their career path in emerging technologies. He assured that The Innovation and Incubation centre in DGCT will support budding entrepreneurs to bring their ideas to life.

Smt.Archana Manojkumar, Secretary, Dr.V.Muralibhaskaran, Principal, Heads of all Departments, faculty members and students participated and thanked the chief guest for providing valuable inputs on emerging trends.

Achievements

Sl.No.	Title of Project	Name of Students	Name of the Guide
1	Shoulder Surfing Resistant Graphical	M.V.Moulidharan (II CSE B) G.Swetha (II CSE B) G.Nandhini (II CSE B) S.Nivetha (II CSE B)	H.Swathi,AP/CSE N.Bhuvaneshwari,AP/CSE
2	GSM Based Home Automation System Using Arduino	S.Ramesh (IICSEB) V.Sri Vidhya (IICSEB) K.Santhosh (IICSEB) S.Vijay (IICSEB)	Mr.P.Sakthivel,AP/CSE
3	Woo-Commerce Based E-Commerce	M.I.Afreen(III CSE A) S.Jamunadevi (III CSE A) G.Aishwarya (III CSE A) R.Kousalya(III CSE A)	P.ArulRaj, AP/CSE
4	Bingo Game	T.Madhesh, III-CSE-A M.Mohanasundaram, III-CSE-A V.Mani Bharathi, III-CSE-A	Mr.S.Sankar AP/CSE
5	Power Generation From Living Plants	T.Karthik (II CSE A) S.Gupta (II CSE A) S.Beeshakumar(II CSE A) B.Kalaiselvan(II CSE A)	Mr.R.Manikandan,AP/CIVIL
6	Soil Ph Analysis Using Arduino	P.Arvindh (III CSE A) R.Mahalakshmi,(IIII CSE A) E.Kannika (III CSE A) M.R.Brindha(III CSE A)	Mr.S.Shankar, AP/CSE
7	Text To Speech	Vinusa.R (III CSE B) Soundarya.M (III CSE B) Soundarya.P.R (III CSE B)	Mr.D.Jayaprakash,AP/CSE
8	AR based learning	M. Ashly Rose Mathew S. Sriram R. Naveen Kumars K. Bhuvana Meenakshi	J.Madhan,(AP/MECH)
9	Walking Stick using Ultra Sonic for Visually	M.Manikandan,(II M.E CSE) M.Priyanga(II M.E CSE)	Ms.H.Swathi (AP/CSE)

10	Future of Technical Art	Vinusa.R (III CSE B) Sindhuja.M(III CSE B) Arun.M (III CSE A) Kumarasamy.B(III CSE A)	Ms.N.Bhuvaneshwari (AP/CSE)
11	Latest Technology in Artificial intelligence	Saisrinija.J(II CSE B) Ramya.g(II CSE B)	Ms.L.Sindhu(s AP/CSE)
12	Agriculture Automatic System	G.Guruprasath(III CSE A) R.Gayathri(III CSE A) S.Karthigayini	Ms.Parameshwari(AP/CSE)
13	E-Sculpture	G.Mohammed Ashiq(III CSE A) D.Hariprasanth(III CSE A) G.Guruprasanth(III CSE A) P.Manikandan(III CSE A)	Mr.S.Sankar(AP/CSE)
14	Bore well Child Rescue Machine	S.Aakash. -(II-A) A.P.AshokRamana.- (II-A) K.Bala Krishna.- (II-A) S.Madhan Kumar.- (II-A)	MR.B.Mohanaruban (AP/Mech)
15	Copper Cooled Specialized Direct Heat Exchanger	S.Manoj Merrvin Max - IV A G.Karthikeyan - IV A	V.Ravikumar (AP/Mech)
16	Stair Climbing Explorer (SCE 1.0)	R.Balakumaran - (IV-A) R.R.Aravind- (IV-A)	Mr. J.Madhan (AP/Mech)
17	Hybrid Smart Electric Vehicle	A.Elavarasan III/A G.Arul III/A K.Jaya Kumar III/A G.Jaya Surya III/A	Mr.R.Manikandan,AP/EEE
18	Home Appliance Kit	M.Chindhanaiselvan II/A S.Boobal II/A R.Janarthannan II/A A.Gunasekaran II/A	Mr.M.Rajesekar-Ap/EEE
19	Arduino Based Unmanned Vehicle	S.Ansar II/A M.Asif II/A K.John Manikandan II/A A.Ajay Prasanna II/A	Mr.G.Subramaniam-AP/EEE
20	Home Appliance Control System Using Phone	M.Gowtham III/A N.Gowtham III/A R.Murali III/A M.Gopalakrishnan III/A	Dr.P.Selva Kumar,ASP/EEE
21	Bone Conduction Audio System for Deaf People	S.Sathish II/B	Dr.S.Rajendran,HOD/EEE
22	IOT Based Industrial Automation Using NI-	Mariya Antony.D Naveen.M	Mr.R.Dineshkumar, AP/ECE

	LabVIEW	Prabhakaran.R Prasanth.S	
23	GSM Based gas leakage detecting Robot	Subash.M Sushmidha.G Suvathika.R Vetrivel.B	Mr. M. Hemakumar, AP/ECE
24	Wireless Water Level Indicator	Deepa.P Fahima Zulfath Gopika.R	Mr. M. Hemakumar, AP/ECE Ms. G.Nagalalli, AP/ECE
25	Data Transmission Using light Fidelity	Anusuya.C Arulselvam.M Chandru.M Kannan.S	Mr.N.Ayyannar, AP/ECE
26	Gardening Technology	Sangeethaa.M Sunantha.E Shalini.P Linthana.K	Mr. M. Hemakumar, AP/ECE
27	Patient Monitoring	Suba.S Venkatkumar Varshini.J.S Ramprabhu	Mr.R.Dineshkumar, AP/ECE