Dhirajlal Gandhi College of Technology, Salem

Outcome of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and Entrepreneurship

During last five academic years, from the list of workshop/seminar conducted on research methodology, Intellectual Property Right (IPR) and entrepreneurship following outcomes are obtained

➢ Through IPR workshop experience, Dhirajlal Gandhi College of Technology faculty members filed **patents** during last five academic years shown in below.

S.No	Name of the Inventers/Designation and department	Title of the Invention	Year /Issue / Page No./ Patent Application No.
1	Dr.A.Selvaraj, Principal	Design and Development of an Automated Runtime Vehicle tyre Monitoring Unit	Issue No:0412021 Page No:3207 App. No:242L41001520
2	Dr.N.Thillaikarasi AP, EEE Dr.S.Rajendran Prof/HoD, EEE Dr.P.Selvakumar ASP, EEE Dr.R.Manikandan AP, EEE KM.Karthika AP, EEE Dr. S. Venkatesh Vice Principal/Prof/HoD, ECE R.Saravanan AP, EEE B.Sathiyaseelan AP, EEE	A Latching Mechanism for Solenoid Valve and a Method to Operate the Same	Issue No:25/2021, Page No: 27421 App.No:202141025204

3	Dr.S.Rajendran, Prof/HoD, EEE Dr.P.Selvakumar, ASP/EEE	Bio waste composting machine	Issue No:11/2020, Page No: 13789 App.No:202041005848 A
4	S.Krishnan, ASP/Mech	Efficient Design Of Solar Operated Dish Washing Machine	Issue No:01/2020, Part 1,Page No:244
5	S.Krishnan, ASP/Mech	Method For Energy Recovery System Using Bicycle Fly Wheel	Issue No:05/2020, Part 1,Page No:6046 App.No: 202041002381 A
6	S.Maragatharaj AP/ECE	Automated Kali Maker	Issue No:08/2019 Page No: 35359 App.No: 201941030491
7	S.S.Aravind AP/CSE	Breast Cancer Prediction System and Method for Early Detection	Issue No:06/2020 Page No: 21186 App.No: 202041027242
8	J.Vaijeyanthimala AP/CSE	An Effective Date Mining Technique for Automated Voice Recognition of Patients	Issue No:09/2020 Page No: 38993 App.No: 2AZAZLO37O52
9	J.Vaijeyanthimala AP/CSE	Eco friendly 3D Printing	Issue No:10/2020 Page No: 35391 App.No: 20204L042045

➤ Following Students participated various **hackathon** programs in national level from the experience of research methodology seminars.

Sl.No	Team Name	Name of the Students	Theme
1	Digisvastya	R.Susmitha G.Srividya R.Sujitha	Health
2	Smart 2K18	N.Rajasabari S.Gayathri M.S.Gayathri	Social Welfare
3	Techons	S.Dhanakoti R.R.Arunkumar B.Dharshini	Environment & Sanitation
4	Edudroid	B.Mohamed Javeed P.Prasanth G.Navin	Education
5	Agrasci	Mouli Murugan.N Karthikraj.G Ramya tharshini.C Rajalakshmi.K Manikandan.G Keruthika.V	MedTech / BioTech / HealthTech
6	SmartNet	Naveenkumar.D Santhosh.K Lakshmi Priya.D Manirathinam.M Neelavanan.M Kowsalya.S	Renewable/Sustainable Energy

➤ During last five years, different level of entrepreneurship programs enabled following students to kick startup's

S.No	Organization Name	Name of the Student	Year / Branch
1	Take A Selfie	K.Balasundram	IV / CSE
2	Lollipop Note Books	V.kavinraj and M.Dhevindiran	IV / CSE
3	Spunks	S.Naveen Kumar	IV / CIVIL
4	Smart Box Electronics	S.Mukunthan and J.Mohanraj	IV / ECE
5	Elite Light's	S.Mothilalnehru	IV / EEE
6	Smart Optical	Shahul Hameed S.A	IV / MECH