

## Startup TN

<b>Activity Name</b>	Startup TN		
<b>Mode of Conduct</b>	Offline		
<b>Time</b>	2.30 pm to 4.00 pm – 26-09-2024		
<b>Participants</b>	<b>S.NO</b>	<b>NAME</b>	<b>DESIGNATION</b>
	1.	Sebin Sunny P	CEO, TCE Technology Business Incubator
	2.	Dinesh Kumar S	Vice President, Startup-TN
	3.	Dr. L. Ashok Kumar	Principal, TCE
	4.	Subramanian N	Project Lead, Startup-TN
	5.	Dr. B. Sathyabama (Faculty Member - Convenor Single Point of Contact)	Co-ordinator, IPR Cell, TCE
	6.	Other Inventors.	
<b>Description</b>	TCE inventors presented their patents and published inventions under the Startup TN initiative. Each inventor gave a 5-minute presentation, discussing their work's potential for commercialization and industry collaboration. The session aimed to facilitate technology transfer and innovation-driven entrepreneurship.		



THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI - 625015  
Intellectual Property Right Cell  
Research & Development

Circular

Date: 23.09.2024

**Presentation of TCE Inventions in Startup TN Program**

All TCE inventors of published and granted patents are directed to present your inventions in the **Startup TN initiative - University Industry Technology Transfer Program**, scheduled on **26th September** during the Startup TN program.

All concerned inventors are directed to prepare a **5-minute presentation** about their inventions. This initiative aims to facilitate IPR commercialization and technology transfer.

**Details of the Event:**

- **Date:** 26th September 2024
- **Venue:** K.S Auditorium
- **Time:** 2.30 pm to 4 pm

Kindly confirm your participation and submit your presentation to [iprcell@tce.edu](mailto:iprcell@tce.edu) by 24.09.2024.

For further details, please contact Dr.B.Sathya Bama, 9843394792, [iprcell@tce.edu](mailto:iprcell@tce.edu).

**Enclosures:**

1. List of Inventors & Patent Applications
2. PPT format

  
PRINCIPAL  
23/9.



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**Research & Development**

**List of Published / Granted Inventions filed through Consultant**

Sl.No	Application No	Title	Faculty Inventor
1.	202241001389	Personalized Learning Analysis System And Method Thereof	Dr.R.Leena Sri
2.	202241004752	Interactive System For Creating Virtual Reality to Users And Method Thereof	Dr. Abirami A
3.	202241009346	Augmented Reality Based System For Teaching Children With Autism And Method Thereof	Dr. D.Tamil Selvi
4.	202241030002	An Automatic Rain Harvesting System for Detecting, Sheilding and Storing Rain Water	Dr.P.S.Manoharan
5.	202241065686	System And Method for Automatic Motor Winding Resistance Testing	Dr.P.S.Manoharan
6.	202241069686	Semi-Automatic Ac Dust Remover and Its Cleaning Apparatus	Dr.V.Vinoth Thiagarajan
7.	202241070058	Automatic Empty Tray Recognition System (ATRS) and Apparatus Therefor	Dr. B. Sathya bama.
8.	202341044755	A Device to filter the Air Pollutants	Dr. G. Ananthi
9.	202143001309	Construction blocks prepared using waste plastics and aggregate	Dr. A. Ramalinga Chandra Sekar
10.	202141039299	A Device, System, and Method for Solar Integrated Irrigation	Dr G Siva Sankar
11.	202441039300	An Apparatus for Rain water Harvesting	Dr G Siva Sankar
12.	202441032080	A Gate Terminal with Dual contacts for a HEMT and Manufacturing Method	Dr N Balamurugan
13.	4257/Che/2014	A New Process For The Conversion Of Waste Plastics To Petroleum Fuels Using Chemically Modified Rice Husk Derived Silica Catalyst	Dr.Kottaisamy
14.	201841040224	A Novel Modulation Technique For Grid Connected Three Phase Quasi Z Source Line Synchronized Inverter	Dr.P.S.Manoharan
15.	201941011883	Method of Preparation Of Geopolymer Concrete Using Alternativefine Aggregates Under Ambient Curing Conditions	Dr.Nagan
16.	201941016140	Machine Vision Based, Automatic, Non-Destructive Testing Of Fruits And Vegetables	Dr.B.Sathyabama
17.	201941029982	A Computer Implemented Method Using Emg Signal's Bispectrum For Feature Extraction	Dr. K.Rajeshwari
18.	201941046061	A System And Method For Shredding Organic Waste Using Crowd Sourced Manual Power	Dr.S.Mercy Shalinie & Dr. M. Vijayalakshmi
19.	Indian Patent 535632	Efficiency Enhanced LPG Stove	Dr.Amirtham Valan Arasu
20.	Indian Patent 512164	Heat Absorbing Phase Change Material for Helmet Cooling	Dr.Amirtham Valan Arasu

*[Handwritten signature]*



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**StartupTN**



## Technology Transfer Workshop cum Technology Showcase

### Agenda

**Date** : 26/9/2024

**Time** : 10.00 a.m - 3.00 p.m

Time	Activities
10.15 Hrs	<b>Prayer</b>
10.15 - 10.20 Hrs	<b>Welcome Address</b> Thiru. Sebin Sunny P, CEO, TCE Technology Business Incubator
10.20 - 10.40 Hrs	<b>Context Setting and Introductory Note about StartupTN</b> Thiru. Dinesh Kumar S Vice President, StartupTN
	<b>Technology Commercialization in Academia</b> Dr. L Ashok Kumar, Principal, TCE
10.45 - 11.45 Hrs	<b>Technical Session on Technology Transfer</b> Thiru. Subramanian N Project Lead, StartupTN  <b>Demonstration of Tech Marketplace</b> Thiru. Subramanian N Project Lead, StartupTN
11.45 - 12.00 Hrs	<b>Tea/Coffee Break</b>
12.00 Hrs - 13.00 Hrs	<b>Prototype display / Presentation by Researchers / Inventors</b>
13.00 Hrs - 14.00 Hrs	<b>Networking Lunch</b>
14.45 Hrs - 15.00 Hrs	<b>Vote of Thanks &amp; National Anthem</b> Dr. Sathyabhama, IPR Cell TCE



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*Celebrating Academic Excellence*



**StartupTN**



## Technology Transfer Workshop & Technology Showcase

Hearty Welcome to



**Thiru. Dinesh Kumar S**  
Vice President, StartupTN



**Thiru. Subramanian N**  
Project Lead, StartupTN



KS Auditorium



26/09/2024



10.00 am

