

IP Evaluation Meeting

Theme	Scrutiny Meeting		
Activity Name	IP Evaluation Meeting		
Mode of Conduct	Offline		
Time	9.30 AM to 12.30 PM - 01-09-2022		
Participants	S.No	Name	Designation
	1	Dr.S.Baskar, (Chairperson)	Dean R&D , TCE, Madurai
	2	Dr.Venkatesan Thyagarajan, (Industry expert)	Director at Indelectric Sciences Pvt limited, Bengaluru
	3	Dr.B.Deepa, (Legal Advisor)	Indian Registered Patent Attorney, Registration Number: IN/PA 1477,Chennai.
	4	Mr. R.Kaja Bantha Navas	Assistant Professor, National Institute of Fashion Technology, Ministry of Textiles, Gandhinagar – 382007,
	5	Dr.B. Sathya Bama (Faculty Member - Convenor Single Point of Contact)	Co-ordinator, IPR Cell
	6	Dr. S. Charles Raja (Member)	Associate Dean , Sponsored Research, TCE, Madurai
	7	Inventors of TCE	
Description	<p>As per TCE IP Policy, a scrutiny meeting was conducted to examine the patentability and commercial viability of IDFs submitted by faculty and student members of TCE. The inventors of ten IDFs (Nos. IDF-2022-011 to IDF-2022-020) have made a presentation to the committee. Based on the evaluation of external experts, the IDFs are classified into two categories. IDFs classified under category 1 are highly commercially viable and Patentable and category 2 are only Patentable. Since there is no IDFs are not classified under category 3, all ten IDFs can be submitted to IP office in the present form.</p> <p>Category 1: Highly commercially viable and Patentable</p>		

Sl. No.	TCE IDF No.	IDF Title	Inventors Name
1.	IDF-2022-014	Design of Immersive Virtual Reality-Based Natural Environment to Improve The Behavior, Interaction And Stimulate The Emotions of Children With Autism	Dr.D.Tamil Selvi
2.	IDF-2022-012	Air Pollutants In Cement Industry Filter Device	Dr. G. Ananthi Dr.B.Yogameena
3.	IDF-2022-015	Single Cabin Portable Drinking Water Container With Inbuilt Heating And Cooling Modules	Mr. Abejith S J Mr. Kirupakar P Dr. S.Saravana Perumaal
Category 2: Only Patentable			
Sl. No.	TCE IDF No.	IDF Title	Inventors Name
1.	IDF-2022-013	Microcontroller Based Automated System in Vertical Farming	Dr. G. Ananthi Dr.B.Yogameena
2.	IDF-2022-016	An Automated Low-Cost Seed Sowing Machine – An Agricultural Product	Dr S Sridevi, Dr. C.Deisy,Mrs.C.V. Nisha Angeline
3.	IDF-2022-017	Ride Safe - Bike Monitoring System	Dr.K.V.Uma, Dr.K.Indira, Dr.C.Deisy
4.	IDF-2022-018	Multi-Purpose Agricultural Cutting Machine	Dr. S. Karthikeyan Gokula Prasanna G SGokula Krishnan T
5.	IDF-2022-019	Novel Design Of Electric Bicycle	Dr.S Julius Fusic Dr.M Bala murali Mr.H Ramesh
6.	IDF-2022-020	Spice Guide	Dr.Gracia Nirmala Rani, Dr. B.Yogameena



TCE IPR CELL

Minutes of the IP Evaluation Meeting

Agenda of the Meeting: To scrutinize the Ten numbers of TCE inventors' Invention Disclosure Forms (IDFs) (Nos. IDF-2022-011 to IDF-2022-020) by IPEC members.

Date: 01-09-2022

Time: 9.30 AM to 12.30 PM

Members Attended:

S.No	Name	Designation
1	Dr.S.Baskar, (Chairperson)	Dean R&D , TCE, Madurai
2	Dr.Venkatesan Thyagarajan, (Industry expert)	Director at Indelectric Sciences Pvt limited, Bengaluru
3	Dr.B.Deepa, (Legal Advisor)	Indian Registered Patent Attorney, Registration Number: IN/PA 1477,Chennai.
4	Mr. R.Kaja Bantha Navas	Assistant Professor, National Institute of Fashion Technology, Ministry of Textiles, Gandhinagar – 382007,
5	Dr.B. Sathya Bama, (Faculty Member - Convenor Single Point of Contact)	Co-ordinator, IPR Cell
6	Dr. S. Charles Raja (Member)	Associate Dean , Sponsored Research, TCE, Madurai
7	Inventors of TCE	

As per TCE IP Policy, a scrutiny meeting was conducted to examine the patentability and commercial viability of IDFs submitted by faculty and student members of TCE. The inventors of ten IDFs (Nos. IDF-2022-011 to IDF-2022-020) have made a presentation to the committee. Based on the evaluation of external experts, the IDFs are classified into two categories. IDFs classified under category 1 are highly commercially viable and Patentable and category 2 are only Patentable. Since there is no IDFs are not classified under category 3, all ten IDFs can be submitted to IP office in the present form.

Dr.Venkatesan Thyagarajan
(Expert Member)

Dr.B.Deepa
(Expert Member)

Mr. R.Kaja Bantha Navas
(Expert Member)

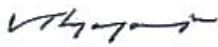
Dr.S.Baskar
(Dean R&D)


Category 1: Highly commercially viable and Patentable


Sl. No.	TCE IDF No.	IDF Title	Inventors Name
1.	IDF-2022-014	Design of Immersive Virtual Reality-Based Natural Environment to Improve The Behavior, Interaction And Stimulate The Emotions of Children With Autism	Dr.D.Tamil Selvi
2.	IDF-2022-012	Air Pollutants In Cement Industry Filter Device	Dr. G. Ananthi Dr.B.Yogameena
3.	IDF-2022-015	Single Cabin Portable Drinking Water Container With Inbuilt Heating And Cooling Modules	Mr. Abejith S J Mr. Kirupakar P Dr. S.Saravana Perumaal
4.	IDF-2022-011	Achieving Corrosion Resistance Through Super Hydrophobic Surface Using Versatile Nanomaterials	Dr.V.Gayathri

Category 2: Only Patentable

Sl. No.	TCE IDF No.	IDF Title	Inventors Name
1.	IDF-2022-013	Microcontroller Based Automated System in Vertical Farming	Dr. G. Ananthi Dr.B.Yogameena
2.	IDF-2022-016	An Automated Low-Cost Seed Sowing Machine – An Agricultural Product	Dr S Sridevi, Dr. C.Deisy,Mrs.C.V. Nisha Angeline
3.	IDF-2022-017	Ride Safe - Bike Monitoring System	Dr.K.V.Uma, Dr.K.Indira, Dr.C.Deisy
4.	IDF-2022-018	Multi-Purpose Agricultural Cutting Machine	Dr. S. Karthikeyan Gokula Prasanna G SGokula Krishnan T
5.	IDF-2022-019	Novel Design Of Electric Bicycle	Dr.S Julius Fusic Dr.M Bala murali Mr.H Ramesh
6.	IDF-2022-020	Spice Guide	Dr.Gracia Nirmala Rani, Dr. B. Yogameena


Dr.Venkatesan Thyagarajan
(Expert Member)


Dr.B.Deepa
(Expert Member)


Mr. R.Kaja Bantha Navas
(Expert Member)


Dr.S.Buskar
(Dean R&D)



THIAGARAJAR COLLEGE OF ENGINEERING, Madurai – 625 015
(A Govt. Aided Autonomous Institution Affiliated to Anna University)

TCE IPR CELL

Ref: TCE/IPR Cell/1122/01

15.12.22

Submitted to The Chairman, TCE, Madurai

Respected Sir,

Sub: Requisition of Approval for filing patents – Reg.,

Our faculty and student team had submitted their innovative research works to file Patents. As part of the patent filing process, a scrutiny meeting was conducted on 01-09-2022 with IPEC (Intellectual Property Evaluation Committee) to examine the patentability and commercial viability of IDFs submitted. Ten IDFs were presented to the committee, after scrutiny, the following Patent applications (Invention Disclosure Form) are ready for filing under two categories. Under Category 1-Highly commercially viable and Patentable, three IDFs have been recommended. The budget requirement for each patent is Rs. 1,24,000/-. Under Category 2-Only Patentable, 6 IDFs have been recommended with the budget of Rs.44,000/- per IDFs. **Hence permission may please be granted to sanction the budget of Rs. 6, 36,000/-.**

Category 1-	3 Nos. X Rs.1,24,000 = Rs. 3,72,000/-	(Commercially Patentable)
Category 2-	6 Nos. X Rs. 44,000 = Rs.2,64,000/-	(Only Patentable)
Total	Rs.6,36,000/-.	

We request your kind approval for filing the Category 1 IDFs through M/S Altacit Global and category 2 IDF by self-filing with drafting support. The expenses may be met from S.F.A/c.

yes
19/12
Thanking You

P. S. Srinivasan
PRINCIPAL (i/c) 14/2
O.B.

1. Scrutiny Meeting Minutes & Details of IDFs.
2. Chairman's approval for patent fee

To
Dr. S.B /ECE dept
O.B. Srinivasan

S.No	Patent Detail	Faculty Name	Fee to be spend for Each Patent till grant
Category 1 - Highly commercially viable and Patentable			
1.	Design of Immersive Virtual Reality-Based Natural Environment to Improve The Behavior, Interaction And Stimulate The Emotions of Children With Autism	Dr.D.Tamil Selvi	1,24,000/-
2.	Air Pollutants In Cement Industry Filter Device	Dr. G. Ananthi Dr.B.Yogameena	1,24,000/-
3.	Single Cabin Portable Drinking Water Container With Inbuilt Heating And Cooling Modules	Mr. Abejith S J Mr. Kirupakar P Dr. S.Saravana Perumaal	1,24,000/-

S.No	Patent Detail	Faculty Name	Fee to be spend for Each Patent till grant
Category 2- Only Patentable			
1.	Microcontroller Based Automated System in Vertical Farming	Dr. G. Ananthi Dr.B.Yogameena	44,000/-
2.	An Automated Low-Cost Seed Sowing Machine – An Agricultural Product	Dr S Sridevi, Dr. C.Deisy, Mrs.C.V. Nisha Angeline	44,000/-
3.	Ride Safe - Bike Monitoring System	Dr.K.V.Uma, Dr.K.Indira, Dr.C.Deisy	44,000/-
4.	Multi-Purpose Agricultural Cutting Machine	Dr. S. Karthikeyan Gokula Prasanna G SGokula Krishnan T	44,000/-
5.	Novel Design Of Electric Bicycle	Dr.S Julius Fusic Dr.M Bala murali Mr.H Ramesh	44,000/-
6.	Spice Guide	Dr.Gracia Nirmalarani, Dr. B.Yogameena	44,000/-

Dr. Dancer