



**GOVERNMENT COLLEGE OF TECHNOLOGY,  
COIMBATORE – 13**  
**INTELLECTUAL PROPERTY RIGHTS (IPR) CELL**

**ANNUAL REPORT – 2023-2024**

**GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE – 13**  
**INTELLECTUAL PROPERTY RIGHTS (IPR) CELL**  
**ANNUAL REPORT 2023-2024**  
**Report - Contents**

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**Government College of Technology, Coimbatore – 641013**  
**Team of Intellectual Property Right (IPR) Cell**



**Dr.K.Manonmani,**

**Principal,**

Government College of Technology, Coimbatore

as

**Chief Advisor**

**Dr.T.Sekar,**

**Head-PG Manufacturing Engineering,**

Department of Mechanical Engineering,

as

**Co-Ordinator**

**Dr.N.Arulmozhi,**

**Assistant Professor (SG),**

Department of Electronics and Instrumentation Engineering,

as

**Co-coordinator**

## **Government College of Technology, Coimbatore – 641013**

### **Intellectual Property Right (IPR) Cell**

#### **Introduction**

Outlined in this report are the activities organised by **Intellectual Property Rights (IPR) Cell** in the academic year 2023-2024. The IPR cell is incepted and concerned with the protection of tangible and intangible property. World Intellectual Property Organisation (WIPO) states that “Intellectual Property” includes rights related to works in literary and artistic fields, performance of artists, broadcasts, innovations in science and technology, industrial design, trademarks, service marks, etc.

#### **Tamilnadu State Council for Science and Technology (TNSCST)**

The Tamilnadu State Council for Science and Technology (TNSCST) served as Liaison between the Government of India and the State Government to initiate, supervise and conduct successful research by giving opportunities to rural, unemployed and economically backward researchers with the sole aim of promoting and inculcating quality research. It formulates policies and introduces technical and legal advises regarding the disciplines of health, education and culture. This council operates with maximum utility towards synergizing colleges, Universities and educational organizations and encourages research-savvy individuals.

#### **Government College of Technology (GCT)**

Government College of Technology (GCT) established in the year 1945, approved by AICTE, New Delhi and affiliated to Anna University, Chennai is celebrating 75 years of dedication and excellence service in the field of technical education. The college offers 9 UG programmes, 11 PG programmes and Research programmes, which aids in imparting high quality of technical education in Tamilnadu. The college is well known for its technical excellence, modern facilities, record of performance with excellent results

#### **Objective of Intellectual Property Right (IPR) Cell**

The main objectives of the IPR Cell, as derived from the guidelines of TNSCST, are:

- To create an awareness about IPR for faculties and students.
- To impart training on future endeavors regarding patent filing processes.
- To organise workshops, seminars and training course on IPR.
- To originate an opportunity for Product development and Commercialization.

**Government College of Technology, Coimbatore – 641013**  
**Intellectual Property Right (IPR) Cell**  
**Fund Allocation letter from TNSCST**



**தமிழ்நாடு அறிவியல் தொழில்நுட்ப மாநில மன்றம்**  
**TAMIL NADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY**

(Established by Government of Tamilnadu)

Directorate of Technical Education Campus, Chennai - 600 025

Phone : 044 - 2230 1428

Web : www.tanscst.nic.in

Telefax : 044 - 2230 1552

Email : [nsi.tanscst@nic.in](mailto:nsi.tanscst@nic.in) / [enquiry.tanscst@nic.in](mailto:enquiry.tanscst@nic.in)

**DR. R. SRINIVASAN, M.Sc., Ph.D., F.I.C.S., M.A.C.S. (ISM)**  
Member Secretary

31 MAR 2023

002453

Letter No. : TNSCST/PIC/PCU/2022-23

8914

28.03.2023

To  
The Principal  
Government College of Technology  
Coimbatore – 641 013.

Sir/Madam,

Sub.: PIC-TNSCST - Release of funds for the PCU established at Government College of Technology, Coimbatore – reg.

Intellectual Property related activities are reached through Intellectual Property (IP) Cell established in your institution by Patent Information Centre of Tamilnadu State Council for Science and Technology for the welfare of the academicians to promote IP filings. In this regard, a sum of Rs.25,000/- has been sanctioned for the Intellectual Property Cell for encouraging innovation, promoting IPR awareness and facilitating IP protection in your region.

The responsibilities of the cell include:-

- Acting as nodal centre in your region for all IP needs and functioning in coordination with Patent Information Centre at the Council.
- Promotion of IP filings and forwarding the applications to the Council for further facilitation services.
- Identifying Geographical Indications in your region with supporting evidences.
- Conducting IPR awareness program in collaboration with the Council;
- Submission of periodical reports to the Council on IPR activities carried out by the IPR cell.

You have to submit utilization certificate for the above amount. All IPR-related activities should be executed with the concurrence of the State Council.

The Council will organize Co-ordinators' meeting in due course to take up further activities of the IPR cells. The roles and responsibilities of the cells are elaborated and enclosed herewith.

Yours sincerely

28/3/23  
Member Secretary

- Encl.: 1. Cheque No.- 691326 dt. 28.03.2023 for Rs.25,000/-  
2. IP facilitation forms  
3. Format of Utilization Certificate  
4. Roles and Responsibilities of IPR cells.  
5. Format for Quarterly report

Copy to: Dr. S. Ayyappan  
Coordinator - IPR Cell  
Government College of Technology  
Coimbatore-641013.

**Government College of Technology, Coimbatore – 641013**  
**Intellectual Property Right (IPR) Cell**  
**Principal Office Order for IPR Cell Co-ordinator**

முதல்வர் அலுவலகம், அரசினர் பொறியியற் கல்லூரி, கோவை – 13

**அலுவலக ஆணை எண். 13/க.கா/2023, நாள். 28.04.2023**

**பொருள் :** நிர்வாகம் – அரசினர் பொறியியற் கல்லூரி, கோவை – 13 – இணைப்பேராசிரியர் பதவி உயர்வு வழங்கி பணியிடமாற்றம் செய்து ஆணை வழங்கியது – பொறுப்பு மாற்றம் செய்து ஆணை வழங்குதல் – தொடர்பாக.

**பார்வை :**

1. அரசாணை (நிலை) எண்.120 உயர்கல்வி (ஐ1) துறை, நாள்.18.04.2023
2. அரசாணை (நிலை) எண்.117 உயர்கல்வி (ஐ1) துறை, நாள்.18.04.2023
3. அரசாணை (நிலை) எண்.123 உயர்கல்வி (ஐ1) துறை, நாள்.18.04.2023
4. அரசாணை (நிலை) எண்.127 உயர்கல்வி (ஐ1) துறை, நாள்.18.04.2023
5. அரசாணை (நிலை) எண்.130 உயர்கல்வி (ஐ1) துறை, நாள்.18.04.2023
6. அரசாணை (நிலை) எண்.133 உயர்கல்வி (ஐ1) துறை, நாள்.18.04.2023
7. அரசாணை (நிலை) எண்.114 உயர்கல்வி (ஐ1) துறை, நாள்.18.04.2023
8. அரசாணை (நிலை) எண்.136 உயர்கல்வி (ஐ1) துறை, நாள்.18.04.2023

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To  
Pr. O. NA  
28/4/23

பார்வை (1) முதல் பார்வை (8) முடிய காணும் அரசாணைகளின்படி, இக்கல்லூரியில் பணிபுரிந்து வரும் கீழ்க்காணும் ஆசிரியர்களுக்கு இணைப்பேராசிரியராக பதவி உயர்வு வழங்கி பணியிடமாற்றம் செய்து ஆணை வழங்கப்பட்டதைத் தொடர்ந்து, தனியர்கள் கவனித்து பொறுப்புகள் கீழ்க்கண்டவாறு மாற்றியமைத்து ஆணை வழங்கப்படுகிறது.

வ. எண்	பெயர் மற்றும் பதவி	தற்போது கவனித்து வரும் பொறுப்பு	புதிதாக பொறுப்பு வழங்கப்படும் ஆசிரியர்கள்
1.	முனைவர்.செ.மெய்யராஜ் பேராசிரியர்(CAS) / அமைப்பியல் துறை	RTI Officer	முனைவர்.சீ.சீனிவாசமூர்த்தி இணைப்பேராசிரியர் / உற்பத்தியியல் துறை
2.	முனைவர். ஜா.செ.மிராக்கின் ஜாய்ஸ் பயிலா, பேராசிரியர்(CAS) / கணிப்பான் அறிவியல் மற்றும் பொறியியல் துறை	Anna University Affiliation Nodal Officer	முனைவர்.சி.ரதி இணைப்பேராசிரியர் / கணிப்பான் அறிவியல் மற்றும் பொறியியல் துறை
		Anna University Affiliation Coordinating Faculty	முனைவர்.தி.ராஜசெண்பகம் உதவிப்பேராசிரியர் / கணிப்பான் அறிவியல் மற்றும் பொறியியல் துறை



**Government College of Technology, Coimbatore – 641013**  
**Intellectual Property Right (IPR) Cell**  
**Principal Office Order for IPR Cell Co-ordinator**

-3-

வ. எண்	பெயர் மற்றும் பதவி	தற்போது கவனித்து வரும் பொறுப்பு	புதிதாக பொறுப்பு வகிக்கப்படும் ஆசிரியர்கள்
8.	முனைவர்.கை.ராஜசித்ருமார் பேராசிரியர்(CAS) / மின்னியல் துறை	Japanese Language Coordinator	முனைவர். சு.லதாவெங்கடேஸ்வரி உதவிப்பேராசிரியர் / ஆங்கிலம் துறை
9.	முனைவர்.இரா.பவானி உதவிப்பேராசிரியர் / தகவல் தொழில் நுட்பவியல் துறை	L&T Edu Tech, SPOC	முனைவர். இரா.தேவி உதவிப்பேராசிரியர் / தகவல் தொழில் நுட்பவியல் துறை
10.	முனைவர்.சே.உ.ஷா உதவிப்பேராசிரியர் / இயந்திரவியல் துறை	MOU Coordinator	முனைவர்.கி.ரேகா. உதவிப்பேராசிரியர் / அமைப்பியல் துறை
11.	முனைவர்.ச.அய்யப்பன் உதவிப்பேராசிரியர் / இயற்பியல் துறை	IPR Coordinator	முனைவர்.த.சேகர் இணைப்பேராசிரியர் / இயந்திரவியல் துறை
		IPR Co Coordinator	முனைவர்.ந.அருள்மொழி உதவிப்பேராசிரியர் / மின்னணு மற்றும் கருவியியல் துறை
12.	முனைவர்.சுஜாதாபலராமன் பேராசிரியர் (CAS) / மின்னியல் துறை	Women Empowerment Cell Convener	திருமதி. கோ.ரவீந்திரா தேவி ரேவதி. இணைப்பேராசிரியர் (CAS) / இயற்பியல் துறை
13.	முனைவர்.அ.அனிதா உதவிப்பேராசிரியர் / மின்னணு மற்றும் தொடர்பியல் துறை	Augmented & Virtual Lap (AR & VR Lap)	முனைவர்.பி.தீபா. இணைப்பேராசிரியர் / மின்னணு மற்றும் தொடர்பியல் துறை
14.	முனைவர்.பெ.மருதுபாண்டி உதவிப்பேராசிரியர் / மின்னியல் துறை	Auditorium PA System	முனைவர்.கை.யசோதா இணைப்பேராசிரியர் / மின்னியல் துறை

இவ்வாணை உடனடியாக நடைமுறைப்படுத்தப்படுகிறது. எனவே, பொறுப்பு ஏற்றல் மற்றும் பொறுப்பு ஒப்படைத்தலுக்கான அறிக்கையினை உடனடியாக முதல்வருக்கு சமர்ப்பிக்குமாறு கேட்டுக்கொள்ளப்படுகிறது.

பெறுநர்

மேற்காணும் பணியாளர்கள்  
வழி : உரிய பேராசிரியர் வழியாக

நகல்

1. முதல்வர் / துணை முதல்வர்
2. அனைத்து துறைத்தலைவர்கள் மற்றும் பொறுப்பு அலுவலர்கள்
3. முதல்வரின் நேர்முக உதவியாளர்/பொருளாளர்
4. அனைத்து கண்காணிப்பாளர்கள்
5. அலுவலக சுற்றுக்கு

ஓம்/-கி.மனோன்மணி  
முதல்வர்

முதல்வருக்காக

28.4.2023

**Government College of Technology, Coimbatore – 641013**  
**Intellectual Property Right (IPR) Cell**  
**Events & Workshops Organised by IPR Cell – 2023-2024**

S.no.	Title of the Programme Conducted	Date of the Conducted Programme
1.	Workshop on “Emerging Trends in Intellectual Property Rights and Its Impacts on Engineering and Technology”	September 15, 2023
2.	Workshop on “Procedural Aspects of Utility, Geographical Indicator and Design Patent Filing”	February 22, 2024
3.	IPR Day Contest	April 26,2024

S.no.	Title of the Programme Conducted	No. of Participants
1.	Workshop on “Emerging Trends in Intellectual Property Rights and Its Impacts on Engineering and Technology”	53
2.	Workshop on “Procedural Aspects of Utility, Geographical Indicator and Design Patent Filing”	38
3.	IPR Day Contest	All UG Students



**Government College of Technology, Coimbatore – 641013**  
**Intellectual Property Right (IPR) Cell**  
**Proceedings for Fund Release**

**OFFICE OF THE PRINCIPAL GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE - 13**  
**PRESENT: Dr.K.MANONMANI, PRINCIPAL**

**Proceeding No. 2453/B2/2023, DATED: 11.09.2023**

- Sub : PURCHASE - Stores purchase - Government College of Technology, Coimbatore - 13 - Expenses for Conducting an IPR Cell "Emerging Trends in intellectual property Rights and its impacts on Engineering & Technology" on 15.09.2023 - Financial Sanction - Accorded - Reg.
- Ref : 1. CTE's Letter No. 19606/H5/2016, Dated: 30.05.2022  
2. Dr.M.Sekar, IPR Cell Coordinator, Letter Dated: 30.08.2023

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**ORDER:**

With reference to the IPR Cell Coordinator 2<sup>nd</sup> letter cited above, Sanction is hereby accorded for the **Payment of Rs.15,000/- (Rupees Fifteen Thousand Only)** for Conducting an **IPR Cell "Emerging Trends in intellectual property Rights and its impacts on Engineering & Technology" on 15.09.2023** & Rs.10,000/- (Rupees Ten Thousand only) to be transfer to the payable to the Account details mentioned below.

S.No.	Name	Account Details	Amount Rs.
1.	Mrs.N.Arulmozhi, Asst.Prof/EIE	Acc No: <b>20155164576</b> IFSC Code: <u>SBIN0010432</u> <u>SBI Bank, GCT Branch</u>	15,000/-
2.	TNSCST Project Mechanical	Acc No: <b>421050692131</b> IFSC Code: <u>SBIN0010432</u> <u>SBI Bank, GCT Branch</u>	10,000/-
Total ₹			25,000/-

**Rs.25,000/- (Rupees Twenty Five Thousand Only)**

The above expenditure is debited to the following Head of Account:

**"TNSCST PROJECT STP"**

S/d-Dr.K.MANONMANI  
**PRINCIPAL**

Copy to: **Dr.M.Sekar,**  
IPR Cell Coordinator,  
Department of Mechanical Engineering (PG)

U. R. S. S.  
11/9/23  
**BURSAR**

# Government College of Technology, Coimbatore – 641013

## Intellectual Property Right (IPR) Cell

### Workshop Brochures -

## EMERGING TRENDS IN INTELLECTUAL PROPERTY RIGHTS AND ITS IMPACTS ON ENGINEERING AND TECHNOLOGY

<p>GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE- 641 013</p> <p>WORKSHOP ON "Emerging Trends in Intellectual Property Rights and its Impacts on Engineering and Technology" 15.09.2023</p> <p><b>REGISTRATION FORM</b></p> <p>Name : _____ Age &amp; D.O.B : _____ Gender : _____ Designation / Present Status : _____ Organization : _____ Address for Communication : _____ Mobile no. : _____ E-mail ID : _____ Qualification : _____ Academical Experience : _____ Years Industrial Experience (if any) : _____ Years Others (Specify) : _____ Years Community : OC/BCM/BC/MBC&amp;DNC/SCA/SC/ST</p> <p>OR</p> <p> <a href="https://bit.ly/gctworkshop">https://bit.ly/gctworkshop</a></p> <p><b>DECLARATION</b></p> <p>The above information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the workshop. If selected, I shall attend the workshop for the entire duration. I also undertake the responsibility to inform the coordinator in case I am unable to attend the workshop.</p> <p>Place : _____ Date : _____</p> <p>Signature of the applicant _____</p>	<p><b>ABOUT THE COLLEGE</b></p> <p>Government College of Technology (GCT) established in the year 1945, approved by AICTE, New Delhi, and affiliated to Anna University, Chennai is celebrating 75 years of dedication and excellent service in the field of technical education. The institution offers 9 UG programmes, 11 PG programmes and Research programmes, which aids in imparting high-quality technical education in Tamilnadu. The college is well known for its technical excellence, modern facilities, and a record of performance with excellent results.</p> <p><b>ABOUT TNSCST</b></p> <p>The Tamilnadu State Council for Science and Technology (TNSCST) served as a Liaison between the Government of India and the State Government to initiate, supervise, and conduct successful research by giving opportunities to rural, unemployed, and economically backward researchers with the sole aim of promoting and inculcating quality research. It formulates policies and introduces technical and legal advice regarding the disciplines of health, education, and culture. This council operates with maximum utility towards synergizing colleges, Universities, and educational organizations and encourages research-savvy individuals.</p> <p><b>ABOUT THE LOCATION</b></p> <p>The college is situated at Thadagam Road, Coimbatore -13.</p>	<p></p> <p><b>PATENT INFORMATION CENTRE TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY,</b> Government of Tamilnadu in collaboration with <b>INTELLECTUAL PROPERTY RIGHTS CELL, GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE</b> to conduct <b>WORKSHOP</b> on <b>"Emerging Trends in Intellectual Property Rights and its Impacts on Engineering and Technology"</b></p> <p><b>15.09.2023</b> (Timing 10:00 a.m. - 1:00 p.m.)</p> <p></p> <p>Organized by INTELLECTUAL PROPERTY RIGHTS (IPR) CELL GOVERNMENT COLLEGE OF TECHNOLOGY, Coimbatore-641 013, Tamilnadu. Website: <a href="http://www.gct.ac.in">www.gct.ac.in</a></p>						
<p><b>ABOUT THE PROGRAMME</b></p> <p>The objective of the proposed programme is concerned with the protection of tangible and intangible property. World Intellectual Property Organisation (WIPO) states that "Intellectual Property" includes rights related to works in literary and artistic fields, performance of artists, broadcasts, innovations in science and technology, industrial design, trademarks, service marks, etc. IPR helps to promote creativity and innovation among the researchers.</p> <p><b>OBJECTIVE OF THE WORKSHOP</b></p> <ul style="list-style-type: none"> <li>To provide an overview on Intellectual Property Rights.</li> <li>To comprehend patent and design system in India and Abroad.</li> <li>To guide inventors in respect of patenting.</li> <li>To provide awareness on importance and role of Government in the aspect of IPR.</li> </ul> <p><b>OUTCOMES OF THE WORKSHOP</b></p> <p>Upon completion, the participants will gain knowledge on</p> <ul style="list-style-type: none"> <li>Procedural outline of patent process.</li> <li>Drafting of patents to improve research quality.</li> <li>Technology Commercialization.</li> </ul> <p><b>VENUE</b></p> <ul style="list-style-type: none"> <li>PG Manufacturing Engineering Seminar Hall, GCT</li> </ul>	<p><b>TARGET AUDIENCE</b></p> <p>The number of participants is limited to 50. Academicians /P.G Scholar/Ph.D. Research Scholar from AICTE approved Engineering Colleges and Polytechnics. Candidates from Industries and Research and development organizations will also be considered--No Registration fee.</p> <p><b>REFRESHMENT</b></p> <p>High Tea will be provided to the participants.</p> <p><b>HOW TO APPLY</b></p> <p>The applicant should send their application form in the specified format through their Principal / Sponsor/Authority concerned or by google form by scanning the QR code and upload the signed sponsorship certificate and reach us on or before 13.09.2023</p> <p><b>Expert Member</b> <b>Dr. Matheswaren Alagu</b> M.E., M.B.A, Ph.D. Indian Patent Attorney (IN/PA-4319) Coimbatore-641 012</p> <p><b>SCHEDULED DATES</b></p> <table border="1"> <tr> <td>Last date for Registration form receipt</td> <td>13.09.2023</td> </tr> <tr> <td>Intimation of selection (by email)</td> <td>14.09.2023</td> </tr> <tr> <td>Workshop Date</td> <td>15.09.2023</td> </tr> </table>	Last date for Registration form receipt	13.09.2023	Intimation of selection (by email)	14.09.2023	Workshop Date	15.09.2023	<p><b>SPONSORSHIP CERTIFICATE</b></p> <p>Mr./Ms./Dr. _____</p> <p>is an employee / P.G Scholar/ Ph.D. Research Scholar of our Institution/ Organization. If selected, he/she will be permitted to attend the Workshop on "Emerging Trends in Intellectual Property Rights and its Impacts on Engineering and Technology" on 15th September 2023.</p> <p>Place : _____ Date : _____</p> <p>Signature of the Authority concerned (with office seal)</p> <p><b>PATRON</b> Dr.K.Manonmani Principal, GCT</p> <p><b>CO-ORDINATOR</b> Dr.T.Sekar Associate Professor and Head , PG -Manufacturing Engg., Department of Mechanical Engg., Contact No. -9092500393</p> <p><b>CO-COORDINATOR</b> Dr.N.Arulmozhi Assistant Professor (Senior Grade), EIE</p>
Last date for Registration form receipt	13.09.2023							
Intimation of selection (by email)	14.09.2023							
Workshop Date	15.09.2023							

Government College of Technology, Coimbatore – 641013

Intellectual Property Right (IPR) Cell

Workshop Brochures -

**PROCEDURAL ASPECTS OF UTILITY, GEOGRAPHICAL INDICATOR AND DESIGN PATENT FILING**



**GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE-13**  
**INTELLECTUAL PROPERTY RIGHTS (IPR) CELL**  
&  
**Tamil Nadu State Council for Science  
and Technology (TNSCST)**  
**Cordially invites your presence in**  
**the TNSCST sponsored Workshop on**  
**“PROCEDURAL ASPECTS OF UTILITY,  
GEOGRAPHICAL INDICATOR AND DESIGN  
PATENT FILING”**  
**22**  
**THURSDAY 2024 FEBRUARY**  
**@ 10:00 a.m. to 4.15 p.m.**  
**IN PG MANUFACTURING ENGINEERING SEMINAR HALL**  
*Expert Speaker*  
**Dr. Matheshwaran Alagu**  
Indian Patent Attorney  
Coimbatore  
*In the honorable presence of*  
**Dr.K.MANONMANI**  
Principal, GCT  
**Dr.N.ARULMOZHI**  
*Co-Coordinator*  
**Dr.T.SEKAR**  
*Coordinator*



**Government College of Technology, Coimbatore – 641013**  
**Intellectual Property Right (IPR) Cell**  
**Brochures - IPR Day Contest**

**WORLD INTELLECTUAL  
PROPERTY DAY**

World Intellectual Property day is celebrated every 26th April to learn about the role of Intellectual Property Rights (IPR) in encouraging innovation and creativity in attaining sustainable development goals.

The theme of the year for World Intellectual Property Day (April 26, 2024) provided by World Intellectual Property Organization (WIPO) is "IP and the Sustainable Development Goals (SDGs): Building our common future with innovation and creativity". IP is a powerful catalyst for growth and development and, as such, has a key role to play in improving livelihoods, and safeguarding our planet. It is a great opportunity to celebrate the power of innovation and creativity and to explore how intellectual property (IP) supports our drive to build a better future. It is also aimed to showcase the central role that IP, innovation and creativity play in achieving the SDGs for the benefit of everyone.



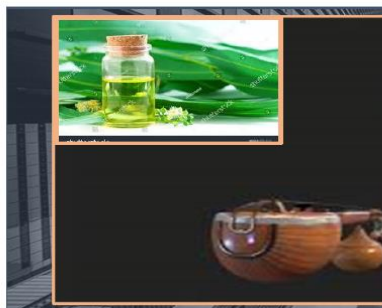
**ESSAY WRITING**

On the occasion of World IP Day 2024, PIC, TNSCST & GCT is organizing **Essay Writing Contest for I year (2023-2027) students** on the theme as announced by WIPO: "IP & the SDGs: Building our common future with innovation and creativity".

Expecting a comprehensive strategic plan to build awareness among students, faculty, and researchers of the central importance of IP, innovation, patents, Geographical Indications, Trademarks, copyrights and creativity to achieving the SDGs.

Submit your task in the following registration link.

<https://forms.gle/q36dW3xxmEcM9YM98>



**TAMILNADU STATE COUNCIL  
FOR SCIENCE AND  
TECHNOLOGY  
PATENT INFORMATION CENTRE**  
Govt. of Tamil Nadu, Chennai

**TECHNOLOGY INFORMATION,  
FORECASTING AND  
ASSESSMENT COUNCIL**  
Department of Science & Technology, Govt.  
of India

**GOVERNMENT COLLEGE OF  
TECHNOLOGY, COIMBATORE**  
Intellectual Property Rights Cell (IPR  
CELL)

*Invites all for the  
Celebration of*

**World Intellectual Property  
Day- April 26, 2024**

**CHIEF PATRON**

**Dr.Manonmani.K**

Principal, GCT, Coimbatore

**CO-ORDINATOR, IPR CELL**

**Dr.Sekar.T**

Associate Professor & Head  
PG-Manufacturing Engineering,  
Dept. of Mechanical Engineering, GCT, Coimbatore

**CO-COORDINATOR, IPR CELL**

**Dr.Arulmozhi.N**

Assistant Professor (Sr. Gr.)  
Dept. of Electronics & Instrumentation Engineering,  
GCT, Coimbatore



**World Intellectual Property  
Day- April 26, 2024**



**SLOGAN WRITING**

On the occasion of World IP Day 2024, PIC, TNSCST & GCT is organizing **Slogan Writing Contest for II year (2022-2026) students** on the theme as announced by WIPO: "IP & the SDGs: Building our common future with innovation and creativity".

Sub Theme : 1. Gender Equality  
2. Climate Change

Expecting a short and striking or memorable phrase that shall be used to promote strategic ideas with data and policymaking tools to enhance **national ecosystem for women and girls**, delivering impactful activities promoting women's use of IP in innovation and creativity. shall include innovative green technology solutions that can help us to do more with less- be it **alternative energy production, energy saving, or greener forms of transportation, agriculture and forestry.**

Submit your task in the following registration link.

<https://forms.gle/NcvU49u1vqEZwRdQ9>



**POSTER DESIGN**

On the occasion of World IP Day 2024, PIC, TNSCST & GCT is organizing **Poster Design Contest for III year (2021-2025) students** on the theme as announced by WIPO: "IP & the SDGs: Building our common future with innovation and creativity".

Sub Theme : 1. Gender Equality- The challenge- persisting gender gaps  
2. Climate Change - The challenge to enhance the environment for innovation, while enabling speedier diffusion of these green technologies to all parts of the world.

Expecting a colorful picture representation to build awareness among students, faculty, and researchers that shall include **the challenge to bridge the disparities that exist** in the use of the IP by women and other groups.

shall include a multi-stakeholder platform which aims to promote innovation and **diffusion of green technologies.**

Submit your task in the following registration link.

<https://forms.gle/1YPou7aTT3dvRpY19>





**Government College of Technology, Coimbatore – 641013**  
**Intellectual Property Right (IPR) Cell**

**Workshop**

**EMERGING TRENDS IN INTELLECTUAL PROPERTY RIGHTS AND ITS IMPACTS ON  
ENGINEERING AND TECHNOLOGY - PHOTOS**



Government College of Technology, Coimbatore – 641013  
Intellectual Property Right (IPR) Cell

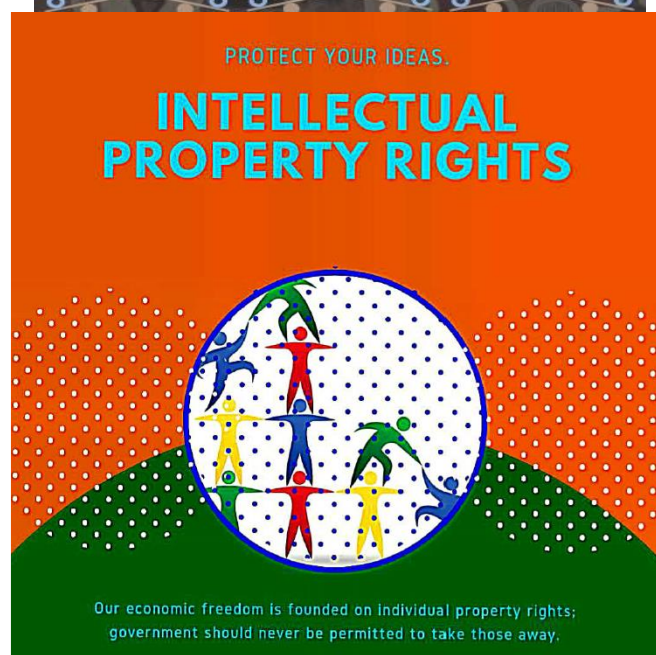
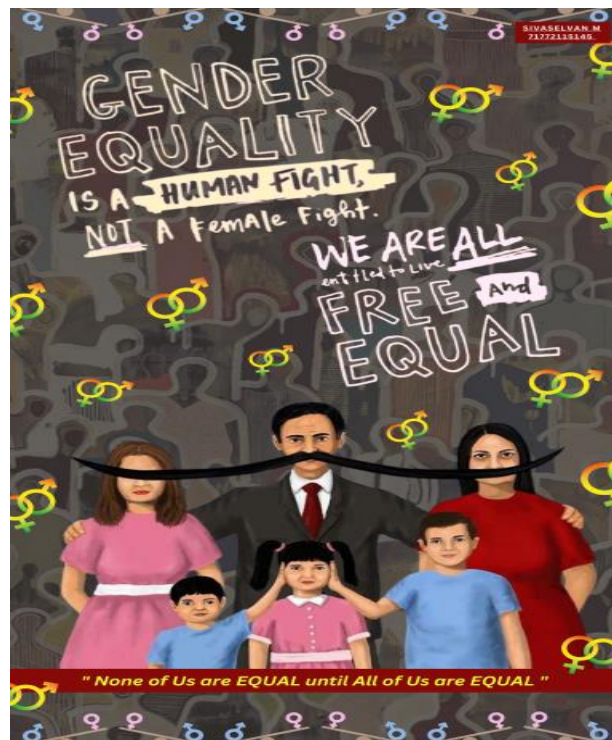
Workshop

PROCEDURAL ASPECTS OF UTILITY, GEOGRAPHICAL INDICATOR AND DESIGN PATENT  
FILING – PHOTOS

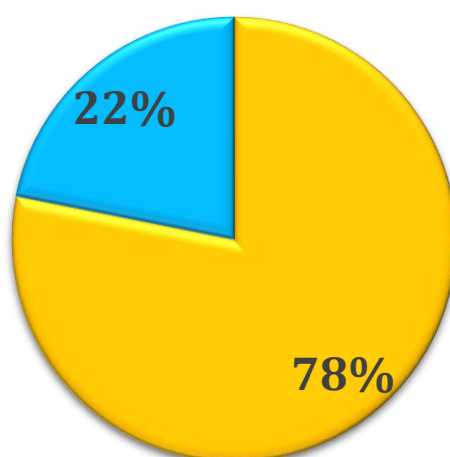




Government College of Technology, Coimbatore – 641013  
Intellectual Property Right (IPR) Cell  
**IPR Day Contest -- PHOTOS**



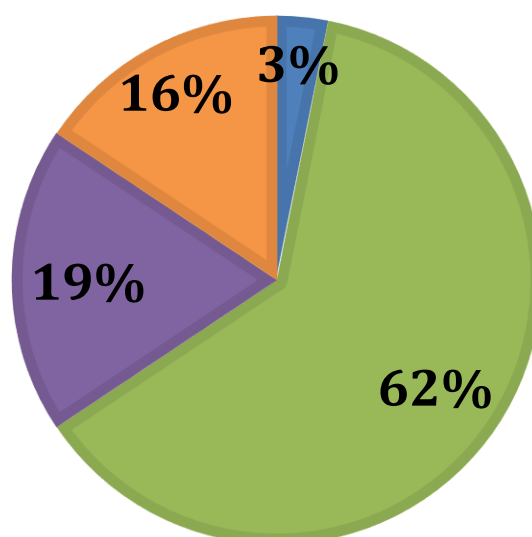
## Gender Analysis



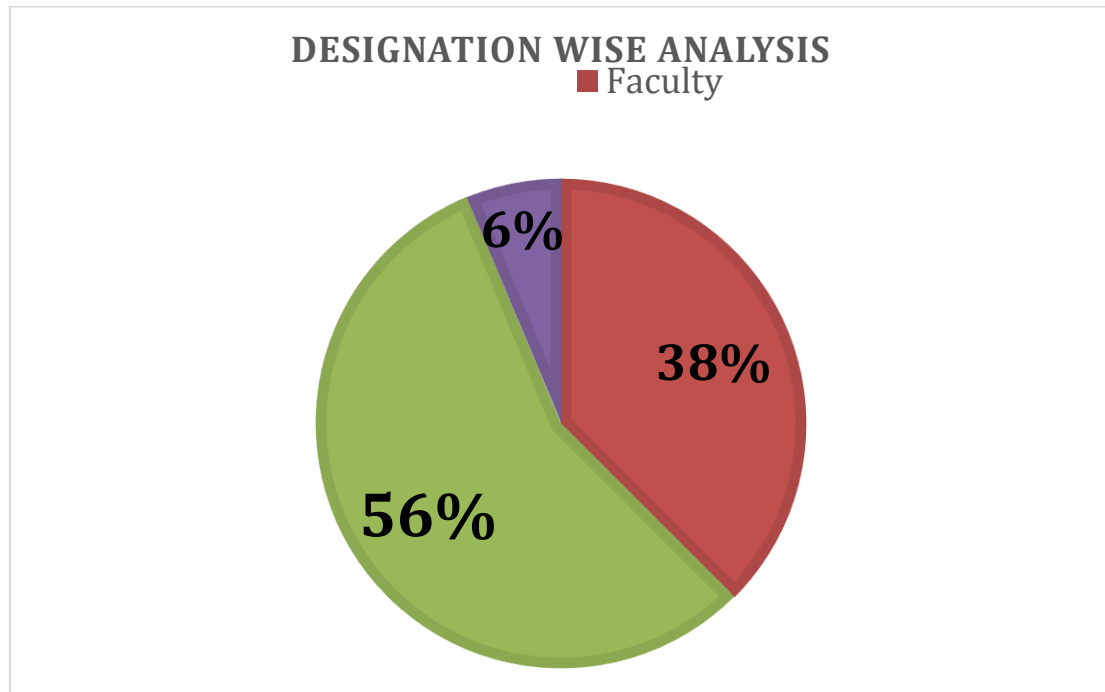
■ Male ■ Female

## COMMUNITY RATIO ANALYSIS

■ OC ■ BCM ■ BC ■ MBC & DNC ■ SCA ■ SC ■ ST



**Government College of Technology, Coimbatore – 641013**  
**Intellectual Property Right (IPR) Cell**  
**Outcomes - Beneficiary Statistics**



**Government College of Technology, Coimbatore – 641013**

**Intellectual Property Right (IPR) Cell**

**Outcomes – List of Patents**

S. No.	Patents / Industrial Designs/	Application Number	Title	Applicant Details	Filing Date	Date of Grant/ Registration
1.	Design Patent	408368-001	Biopsy Gun with Ultrasonic Sensor	1. Dr.T.Sekar Associate Professor and Head, P.G- Manufacturing Engineering, Department of Mechanical Engineering, Government College of Technology, Coimbatore - 13 2. Dr.P.Prasanth 3. Dr.C. Sivasankari 4. Ms.R.Jayashree 5. Dr.N.Nandakumar 6. Mr.S.Hari 7. Mr. B.Kishore 8. Mr.Hebron Darius Raj 9. Mr.Arputha Sundara Pandiyan	22.02.2024	Accepted and 25.04.2024
2.	Design Patent	408376-001	Design and Development of Self Balancing Stand Actuation method for Scooter	1. Dr.T.Sekar Associate Professor and Head, P.G- Manufacturing Engineering, Department of Mechanical Engineering, Government College of Technology, Coimbatore - 13 2. Dr.M.Vijay 3. Dr.P.Prasanth 4. Dr.C. Sivasankari 5. R.Surendran 6. Dr.N.Arulmozhi 7. Mr. Vedhagiri Chandrasekar	22.02.2024	Application under process

**Government College of Technology, Coimbatore – 641013**  
**Intellectual Property Right (IPR) Cell**  
**Outcomes – List of Patents**

S. No.	Patents / Industrial Designs/	Application Number	Title	Applicant Details	Filing Date	Date of Grant/ Registration
3.	Design Patent	411101-001	Wind Turbine Generator	1.Dr.T.Sekar Associate Professor and Head, P.G- Manufacturing Engineering, Department of Mechanical Engineering, Government College of Technology, Coimbatore - 13 2. Mr..A.Daniel Antony 3. Mr. A.Hariprabu 4. Mr. S.Ragavan 5. Mr. S.Rajavishnu	20.03.2024	10.05.2024
4.	Design Patent	411325-001	Design and Development of Advanced Electrochemical Discharge Micro- Machining Setup	1. Dr.T.Sekar Associate Professor and Head, P.G- Manufacturing Engineering, Department of Mechanical Engineering, Government College of Technology, Coimbatore - 13 2. Mr. V. Sorna Mugash 3. Mr. A.Vijay 4. Mr. V.Venkateshwaran 5. Mr.B.Vimalprasath 6. Mr.S.Prathosh	22.03.2024	Application under process

**Government College of Technology, Coimbatore – 641013**  
**Intellectual Property Right (IPR) Cell**  
**Outcomes – List of Patents**

S. No.	Patents / Industrial Designs/	Application Number	Title	Applicant Details	Filing Date	Date of Grant/ Registration
5.	Patent	202441015499 A	AI Based Smart Bin for Municipal Solid Based Segregation	Dr.P.Ilamathi Department of Production Engineering, Government College of Technology, Coimbatore - 13	01.03.2024	Application under process
6.	Patent	202241075391	A three-layer fibre reinforced functionally graded concrete for pipes with enhanced durability and strength	Dr. R. Chithra Department of Civil Engineering, Government College of Technology, Coimbatore - 13	26.12.2023	Granted on 20.03.2024
7.	Patent	201941026577	Optimized Spur Gear Design for Electric and Hybrid Vehicles	Dr.S.PERIYASAMY Department of Mechanical Engineering, Government College of Technology, Coimbatore - 13	03.07.2019	Granted on 30.01.2024
8.	Patent	202241063713	System and method for AI integrated Fluidizes speed breakers using GIS	Dr.V.Sathees kumar Department of Civil Engineering, Government College of Technology, Coimbatore - 13	08.11.2022	Granted on 13.02.2024



**Government College of Technology, Coimbatore – 641013**  
**Intellectual Property Right (IPR) Cell**  
**Outcomes – List of Patents**

S. No.	Patents / Industrial Designs/	Application Number	Title	Applicant Details	Filing Date	Date of Grant/ Registration
9.	Design Patent	406679-001	Tool rotational axes 3D printer machine bed	1. Mr. Vedhagiri chandrasekar 2. Dr.M.S.Aezhisaivallavi 3. Mr.H.Sam Daniel 4.Mr. M.Sairam 5. Mr. S.Santhosh Prabhu	05.02.2024	Accepted and yet to be awarded.
10.	Patent	202241027078	Improved Regenerative Braking System for an Electric Vehicle and Methods Thereof	Dr.N.Arulmozhi Assistant Professor (Sr. Gr.) Department of EIE	11-05-2022	Granted on 05-07-2024 (Patent No.: 544275)
11.	Design Patent	411325-001	Electrochemical Discharge Machine	1. Dr.T.Sekar Associate Professor and Head, P.G-Manufacturing Engineering, Department of Mechanical Engineering, Government College of Technology, Coimbatore - 13 2. Mr.V. Sorna Mugash 3. Mr.S.Vijay 4. Mr.V.Venkateshwaran 5. Mr.B.Vimalprasath 6. Mr.S.Prathosh	22-03-2024	15-05-2024

**Government College of Technology, Coimbatore – 641013**  
**Intellectual Property Right (IPR) Cell**  
**Outcomes – List of Patents**

S. No.	Patents / Industrial Designs/	Application Number	Title	Applicant Details	Filing Date	Date of Grant/ Registration
12.	Design Patent	419712-001	Hydraulic Center stand for Two wheelers	1. Dr.T.Sekar Associate Professor and Head, P.G- Manufacturing Engineering, Department of Mechanical Engineering, Government College of Technology, Coimbatore - 13 2. Mr.A.Daniel Antony 3. Mr..V.Guruprakash 4. Mr..M.Lakshmi Narayanan 5. Mr. R.M.Dhanvarashan 6. Ms.S.R.Maha 7. Mr.K.Jeeva 8. Mr..D.R.Gokul Raj 9. Mr. R.P. Ajith 10. Mr.S.Alagappan 11. Mr.D.Dhanush 12. Mr.S.Harish	16-06-2024	29-08-2024
13.	Design Patent	420065-001	Tip over Injury Prevention Device for Motorcycles	1. Dr.T.Sekar Associate Professor and Head, P.G- Manufacturing Engineering, Department of Mechanical Engineering, Government College of Technology, Coimbatore - 13 2. Mr.T.Jayachandran 3. Mr.R.Chinnadurai 4. Mr.S. Jerome Christo 5. Mr.M.Gobinath 6. Mr.K.Gokul Krishna 7. Mr.K.Aswanth kumar 8. Mr.V.Hari Prasath 9. Mr.S.Karan 10. Mr.C.Sanjay	14-06-2024	02-08-2024

Government College of Technology, Coimbatore – 641013  
Intellectual Property Right (IPR) Cell  
**Outcomes – Quantitative Results**

Year 2023 -2024 & 2024-2025		
No. of Patent Applications <b>Filed</b>	No. of Patent Applications <b>Published</b>	No. of Patent Applications <b>Granted</b>
Design Patents – 8 Patents - 5	Design Patents - 7 Patents - 4	Design Patents - 7 Patents - 4

## Outcomes – Design Patent Grant 1

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## Outcomes – Design Patent Grant 2

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## Outcomes – Design Patent Grant 3

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## Outcomes – Design Patent Grant 4

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**Government College of Technology, Coimbatore – 641013**  
**Intellectual Property Right (IPR) Cell**  
**Outcomes – Design Patent Grant 5**

		<b>ORIGINAL</b> क्रम सं/ Serial No. : 180189
<b>पेटेंट कार्यालय, भारत सरकार</b> <b>The Patent Office, Government Of India</b>		
<b>डिजाइन के पंजीकरण का प्रमाण पत्र</b> <b>Certificate of Registration of Design</b>		
<b>डिजाइन सं. / Design No.</b> 419047-001	<b>तारीख / Date</b> 05/06/2024	
<b>देश / Country</b> भारत		
प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो <b>CARDIOVASCULAR STENT</b> से संबंधित है, का पंजीकरण, श्रेणी 24-03 में 1.Dr.T.Sekar 2. Mr.A.Daniel Antony 3.Dr.P.Prasanth 4.Dr.C.Sivasankari 5.Mr.V.Sorna Mugash 6.Mr.S.R.Rahul के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।		
Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 24-03 in respect of the application of such design to <b>CARDIOVASCULAR STENT</b> in the name of 1.Dr.T.Sekar 2. Mr.A.Daniel Antony 3.Dr.P.Prasanth 4.Dr.C.Sivasankari 5.Mr.V.Sorna Mugash 6.Mr.S.R.Rahul.		
डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्याधीन प्रावधानों के अनुसरण में। In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.		
जारी करने की तिथि : 11/09/2024 Date of Issue		
महानियंत्रक पेटेंट, डिजाइन और व्यापार चिह्न Controller General of Patents, Designs and Trade Marks		
*पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति दी गई है तथा देश का नाम। डिजाइन का स्वत्वाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है। The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.		







## Outcomes – Design Patent Grant 7

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**Government College of Technology, Coimbatore – 641013**  
**Intellectual Property Right (IPR) Cell**  
**Outcomes –Patent Grant**

 <p><b>बौद्धिक संपदा कार्यालय, भारत सरकार, Intellectual Property Office, Government of India, बौद्धिक सम्पत्ति कार्यालय, भारत सरकार</b></p> <p><b>पेटेंट कार्यालय, भारत सरकार</b></p> <p><b>पेटेंट प्रमाण पत्र</b></p> <p><b>(पेटेंट नियमावली का नियम 74)</b></p>	 <p><b>The Patent Office, Government Of India</b></p> <p><b>Patent Certificate</b></p> <p><b>(Rule 74 of The Patents Rules)</b></p>
<p><b>पेटेंट सं. / Patent No.</b> 544275</p> <p><b>आवेदन सं. / Application No.</b> 202241027078</p>	<p><b>पेटेंट सं. / Patent No.</b> 544275</p> <p><b>आवेदन सं. / Application No.</b> 202241027078</p>
<p><b>फाइल करने की तारीख / Date of Filing</b> 11/05/2022</p> <p><b>पेटेंटी / Patentee</b> ARULMOZHI . N</p>	<p><b>फाइल करने की तारीख / Date of Filing</b> 11/05/2022</p> <p><b>पेटेंटी / Patentee</b> ARULMOZHI . N</p>
<p><b>प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित IMPROVED REGENERATIVE BRAKING SYSTEM FOR AN ELECTRIC VEHICLE AND METHODS THEREOF नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबन्धों के अनुसार आज तारीख मई 2022 के ग्यारहवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुवत् किया गया है।</b></p>	<p><b>प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित IMPROVED REGENERATIVE BRAKING SYSTEM FOR AN ELECTRIC VEHICLE AND METHODS THEREOF नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबन्धों के अनुसार आज तारीख मई 2022 के ग्यारहवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुवत् किया गया है।</b></p>
<p><b>It is hereby certified that a patent has been granted to the patentee for an invention entitled IMPROVED REGENERATIVE BRAKING SYSTEM FOR AN ELECTRIC VEHICLE AND METHODS THEREOF as disclosed in the above mentioned application for the term of 20 years from the 11<sup>th</sup> day of May 2022 in accordance with the provisions of the Patents Act, 1970.</b></p> <p><b>अनुदान की तारीख / Date of Grant:</b> 05/07/2024</p>	<p><b>It is hereby certified that a patent has been granted to the patentee for an invention entitled IMPROVED REGENERATIVE BRAKING SYSTEM FOR AN ELECTRIC VEHICLE AND METHODS THEREOF as disclosed in the above mentioned application for the term of 20 years from the 11<sup>th</sup> day of May 2022 in accordance with the provisions of the Patents Act, 1970.</b></p> <p><b>अनुदान की तारीख / Date of Grant:</b> 05/07/2024</p>
<p><b>टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, मई 2024 के ग्यारहवें दिन को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।</b></p> <p><b>Note. - The fees for renewal of this patent, if it is to be maintained, will fall / has fallen due on 11<sup>th</sup> day of May 2024 and on the same day in every year thereafter.</b></p>	<p><b>टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, मई 2024 के ग्यारहवें दिन को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।</b></p> <p><b>Note. - The fees for renewal of this patent, if it is to be maintained, will fall / has fallen due on 11<sup>th</sup> day of May 2024 and on the same day in every year thereafter.</b></p>