

# Hindusthan College of Engineering and Technology

An Autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

Accredited by NBA (AERO, AUTO, CIVIL, CSE, ECE, EEE, IT, MECH, MCTS)

Accredited by NAAC 'A++' Grade with CGPA of 3.69 out of 4 in Cycle 2

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20.12.2023

## Minutes of the Meeting for Kapila Patent Scheme

The Meeting of the Kapila Patent Scheme was held on 20.12.2023 at 12.30 PM in board room with the following members.

### 1. Chairperson

Dr.J.Jaya, Principal,  
Hindusthan College of Engineering and Technology, Coimbatore.

### 2. Industry Expert

Mr.N.Mani, Managing Director,  
Messer Cutting Systems India Private Limited, Coimbatore.

### 3. Incubation Head

Dr.K.Siva, Professor & Head in Mechanical Department,  
Hindusthan College of Engineering and Technology, Coimbatore.

### 4. Legal Advisor

Dr.P.Jayakumar, Professor,  
Kalasalingam University, Srivilliputhur.

### 5. Faculty Member




Dr.C.Nithyanandam, Associate Professor in Mechanical Department,  
Hindusthan College of Engineering and Technology, Coimbatore.




During the meeting, the following points were discussed:

- The chairperson welcomed the coordinators and gave instructions to faculty members
- Patent team members prepared presentations according to the prescribed format
- Twenty members of the patent team presented their patent ideas
- The kapila team members discussed and interacted with all twenty of the patent team members
- Under the Kapila scheme, the following 11 patents are applied. Details are given in the table
- There are some more patents which need few modifications and could be filed in the next quarter

Sl. No	Patent Application No	Title of the Patent	Name of the Inventor
1.	202241028399	Magnetite Embedded Biochar as Nano-Sorbent for Effective Adsorption of Textile Dye and the Method TH	Dr.M.Seenuvasan
2.	202241030766	Manufacture of Rubcrete Slab	Dr.P.Subasree
3.	202241041518	QR Code Controlled and Secured Drug Alert Prescription System	Dr.J.Jaya
4.	202241048406	Automated Sign Language Translation and Communication Chat bot System for Illiterate Aged and/or Autism, Deaf & Dumb People	Dr.J.Jaya
5.	202241051237	Double H Intelligence Automation for Smart Home and health	Dr.J.Jaya
6.	202241051239	Smart-Safe Driving with Advanced Intelligent Vehicles	Dr.J.Jaya
7	202241049892	Automated Toll Tax Collection System Using IOT	Dr.J.Jaya
8	202241050963	Extraction of Toc Gas Form Car Cabin	Dr.C.Sabarinathan
9	202241059114	Sound Bite Hearing System Embedded with OCR Techniques for Blind and Deaf People	Dr.J.Jaya
10	202241065335	Predictive Analytics Based Wearable Pregnancy Monitoring System	Dr.J.Jaya
11	202241059117	Interactive Data Visualization of Big Data for Community Detection and Promotion	Dr.J.Jaya

**Signature of the Kapila Committee Members:**

Sl. No	Category of the Members	Name of the Members	Signature of the Members
1.	Chairperson	Dr.J.Jaya, Principal, Hindusthan College of Engineering and Technology, Coimbatore, Tamil nadu	 Principal Hindusthan College Of Engineering & Technology COIMBATORE - 641 022
2.	Industry Expert	Mr.N.Mani, Managing Director, Messer Cutting Systems India Private Limited, Coimbatore, Tamil nadu.	 MESSER For MESSER CUTTING SYSTEMS INDIA PRIVATE LTD. - MANI. N Managing Director
3.	Incubation Head	Dr.K.Siva, Professor & Head in Mechanical Department, Hindusthan College of Engineering and Technology, Coimbatore, Tamil nadu	 Dr.K.SIVA, HOD/MECH Dr. K.SIVA, B.E., M.Tech., Ph.D. Professor & Head Department of Mechanical Engineering Hindusthan College of Engineering & Technology, Coimbatore - 22.

4.	Legal Advisor	Dr.P.Jayakumar, Professor, Kalasalingam University, Srivilliputhur, Tamil nadu	 <b>P. Jayakumar</b> For JS-IP Design Solutions Partner
5.	Faculty Member	Dr.C.Nithyanandam, Associate Professor in Mechanical Department, Hindusthan College of Engineering and Technology, Coimbatore, Tamil nadu	 

  
 Principal  
**PRINCIPAL**  
 Hindusthan College Of Engineering & Technology  
**COIMBATORE - 641 032.**

