

## INTELLECTUAL PROPERTY RIGHT CELL, BVCOE

Intellectual property right cell was founded in 2013 with a view to encourage students of BVCOE from all disciplines. The main objective of the cell is to promote progress, generate new ideas and to provide absolute protection. This treats IP as another type of real property. The aim of IPR cell is to develop analytical and creative skills amongst the students. This is accomplished through brainstorming sessions, discussions amongst multidisciplinary students, expert talks, etc.

### COMMITTEE DETAILS:

IPR Cell is under the leadership of **Mrs. Shifaly Sharma**, Assistant Professor, Electronics and Communication Department, who is the Incharge of the cell.

The other faculty members and student coordinators are:

- 1) **Mrs. Pragati Sharma, Asst.Prof, Applied science department.**
- 2) **Mrs. Sarita Yadav, Asst.Prof, IT department.**
- 3) **Mrs. Monica Bhutani, Asst.Prof, ECE department.**
- 4) **Mrs. Shilpa Gupta, Asst.Prof, CSE department.**
- 5) **Mr. Sandeep Sharma, Asst.Prof, EEE department**
- 6) **Tanya Sharma(ECE), Chairperson**
- 7) **Pragati Sharma(ECE), Vice Chairperson**

### Activities performed by IPR cell in BVCOE campus:

- 1) IPR Cell organized a talk on **‘How to develop your invention from idea to Patent’** by Mr. Varun Sharma, BTECH (ELECTRONICS) with LLB from Delhi University. This lecture was held on 19<sup>th</sup> August, 2015. The session was based on basics of patent and how to write claims for filing final patent.
- 2) IPR Cell has facilitated filing of its five complete/final patent:

S.N O	STUDENT NAME	SEMESTER	DATE	ACHIEVEMENTS
1	Shrey Bagga	Passed out in 2016(ECE)	23/10/15 <b>Application no.3428/DEL/2015</b>	<b>Title of invention: Bottle cap</b>
2	Aditya Agarwal	Seventh semester(CS E)	24/2/16 <b>Application no.201611006340</b>	<b>Title of invention: Automatic disconnection of mobile charging pin from charging socket</b>
3	Poras Khetrapal (Assistant Prof. ICE), Abhijeet	Passed out in 2016(ICE and CSE)	8/9/2016 <b>Application no.2872/DEL/20 15</b>	<b>Title of invention: Smart Shoes For People With Low Vision</b>

	Bhardwaj, Rajat Sood, Nishant Goel, Mihir Chawla			
4	Nitin Gupta,Ashish	Passed out in 2016(EEE)	14/9/2016 <b>Application no.2885/DEL/20 15</b>	<b>Title of invention: Vertical Axis wind turbine with wind concentrators</b>
5	Aditya Gupta	Final year ( CSE)	07/10/2016 <b>Application no. 201611034366</b>	<b>Title of invention: Spectacular(Lig ht, Audio, Range)-A light, audio, and GPS Enabled spectacle frame</b>
6	Paras Oberoi, Himanshu Garg, Arohi Jain, Mr.Poras Khetarpal (Assistant Professor(ICE)	FINAL YEAR (EEE)	12/01/2017 <b>Application no. 201711001285</b>	<b>Title of invention : Cloud monitoring and controlling bot to diffuse electronics bombs</b>

IPR Cell has facilitated filing of its three provisional patents in the session 2016-2017:

<b>S.N O</b>	<b>Student/F aculty Name</b>	<b>SEMESTER</b>	<b>DATE</b>	<b>INVENTION</b>
1	Aikansh Jain, Vaibhav Agarwal, Mr.Arvind Rehalia(Ass istant Professor ICE)	THIRD YEAR (EEE)  (PROVISIONAL PATENT)	26/12/2016 <b>Application no. 201611044288</b>	<b>Title of invention: Real time train safety through robots</b>

2	Vaibhav Agarwal, Aikansh Jain	THIRD YEAR (EEE) (PROVISIONAL PATENT)	06/01/2017 Application no. 201711000638	<b>Title of invention: Hybrid power plant comprising solar, wind and hydro system</b>
3	Sahil Kumar, Mr.Arvind Rehalia (Assistant Prof,ICE)	Third YEAR (ECE) (PROVISIONAL PATENT)	30/01/2017 Application No. 201711003352	<b>Title of invention : MEDICINE DELIVERY SMARTWATCH WITH INTERACTABLE INTERFACE AND DOSAGE CONTROLLING CAPABILITIES (Shorthand - Caretaker)</b>

### **IPR CELL-BVEST'2015**

IPR CELL, BVCOE hosted two events at BVEST 2015, both of which attracted a pool of talented students across the student audience that graced the fest.

#### **1) INTELLECTUAL PROPERTY QUIZ**

The quiz had two rounds: First being a pen and paper round of multiple choice questions based on great inventors and their inventions and the final round consisting of subjective or one word questions on different types of IPs viz trademark, copyright, patent, etc.

Faculty Coordinator: Ms.Shifaly Sharma, Ms.Sapna Soni, Ms.Pragati Sharma

Participants: 20

Winner: Udit (IT, second year)

#### **2) IDEATHON**

IDEATHON was conducted as the first edition of our flagship event for coming years. We saw young innovative minds at work, coming up with ideas like Social cart.com, RF energy Harvesting smartphone cover, On the go Pizza delivery automobile, online screening of election candidates and s social network of colleges.

Faculty coordinator : Ms.Monica Bhutani, Ms.Sarita Yadav, Ms.Shilpa Gupta

Participants: 10 (5 teams)

Winner: Payal Mangla, Kartikey Agarwal