



# CSI Communications

Knowledge Digest for IT Community

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## INTERNET OF EVERYTHING



### COVER STORY

IoT & IoE : A Technical Review **6**

### TECHNICAL TRENDS

Bioinformatics to Systems Biology :  
A Journey of Knowledge Discovery **10**

### RESEARCH FRONT

EEG Frequency Band and its applications  
in Brain Computer Interface technology **16**

### ARTICLE

Peer-To-Peer Central-Registry Based  
Internet of Everything (IoE) Protocol **26**

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- 2 are friends.
- 3 is company.
- more than 3 makes a society. The arrangement of these elements makes the letter 'C' connoting 'Computer Society of India'.
- the space inside the letter 'C' connotes an arrow - the feeding-in of information or receiving information from a computer.

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## Contents

### Cover Story

<b>IoT &amp; IoE : A Technical Review</b> <i>Umang</i>	<b>6</b>
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### Technical Trends

<b>Bioinformatics to Systems Biology : A Journey of Knowledge Discovery</b> <i>Tiratha Raj Singh and Ankita Shukla</i>	<b>10</b>
<b>Automation in Pharma</b> <i>Manoj Soman</i>	<b>14</b>

### Research Front

<b>EEG Frequency Band and its applications in Brain Computer Interface technology</b> <i>Gopal Chandra Jana, Aleena Swetapadma and Prasant Kumar Pattnaik</i>	<b>16</b>
<b>Development of A New Image Registration Technique</b> <i>G Sindhu Madhuri and M P I Gandhi</i>	<b>23</b>

### Articles

<b>Peer-To-Peer Central-Registry Based Internet of Everything (IoE) Protocol</b> <i>S. Balakrishnan</i>	<b>26</b>
<b>IoE Application for Monitoring Anganwadi Households</b> <i>Persis Voola</i>	<b>30</b>
<b>Integration of IoT and Cloud Computing</b> <i>Payal Mittal</i>	<b>32</b>
<b>To improve the 'Livability' of Cities and Communities using IoE</b> <i>I. Elizabeth Shanthi and S. Amudha</i>	<b>35</b>
<b>Green India-Air Pollution Monitoring and Control Using IOE</b> <i>S. Shenbagavadivu and V. Kiruba</i>	<b>38</b>
<b>Smart Home and Internet of Things</b> <i>T. Sumi and Vigneshwar M</i>	<b>40</b>
<b>Accelerating Digital Transformation with the Internet of Everything</b> <i>Bhawna Sinha</i>	<b>42</b>

### PLUS

<b>CSI Promotion</b>	<b>9</b>
<b>Shambhunath Inst. of Engg. &amp; Tech. - Faculty Development Programme</b>	<b>15</b>
<b>Annual General Body Meeting</b>	<b>31</b>
<b>National Technology Day</b>	<b>31</b>
<b>Brain Teaser</b>	<b>46</b>
<b>CSI Reports</b>	<b>47</b>
<b>Student Branches News</b>	<b>49</b>
<b>52<sup>nd</sup> Annual Convention of Computer Society of India</b>	<b>Back Page</b>

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# My idea, my nation's wealth

## *An Interview to understand IPR for students and interested*

► **Kushal Birla**

Assistant Professor in Department of Computer Engineering at K. K. Wagh Institute of Engineering Education and Research, Nashik

Congratulations Ainesh and your team!!!!... I pleased to hear that your invention is granted a Patent by Government of India....

**Ainesh:** Thank you Anu. My team had been developing this novel solution for the problem of industrial need.

**Anu :** *Ohh, Can you simplify things of the "Patent"?*

**Ainesh :** Sure, in simple words, it is solving the real world problem.

**Anu :** *Sounds good, but we all here in my class are developing some software systems, or some devices, or some circuits or some sort of mechanical equipment, Does all these things can be patented?*

**Ainesh :** Of course! In fact you may have heard that a cap in pizza box is also patented. Everything that simplify solving the problem, is patentable.

**Anu :** *Wow, it sounds exciting. I think, I too shall think of patenting my mini project.*

**Ainesh :** You must!, In fact, my team filed an application for this invention in pre final year of graduation.

**Anu :** *what did you just said? 'Filed an application', what is it?*

**Ainesh:** Filing a patent is two step procedure, in first step if you are not sure about how mature is your solution for the problem, you may just submit a textual paragraph, we generally say it as an abstract, of your novel idea describing invention by filling in some details in FORM 1.

**Anu :** *What is form 1, from where can I get it?*

**Ainesh :** It is called as Provisional Application, it consist of details of applicants and inventors with communication address. Further it consists Title and Abstract for the product to be invented or method of solving the problem you are working on. FORM 1 can be downloaded from [www.ipindia.nic.in](http://www.ipindia.nic.in),

**Anu :** *Ok after filling in, where and how to submit it?*

**Ainesh :** It can be submitted to Controller of IPR office at metro-cities of India, now a days if you have a digital certificate then you can submit it through online on website too.

**Anu :** *Do we have to pay application fees?*

**Ainesh :** Yes. Nominal fees shall be paid as per fee schedule published on ipindia's website.

**Anu :** *Do we get any acknowledgment after filling the form and paying fees?*

**Ainesh :** Controller of IPR office replies us with a 'fees paid' receipt mentioning particulars, on our communication address by post. It also gives you an application number to refer to your filed application for patent.

**Anu :** *Ok, that's easy. And what is the second step?*

**Ainesh :** Once you have submitted provisional application, it is mandatory that you shall submit 'COMPLETE SPECIFICATION' on FORM 2.

**Anu :** *Ok, please let me know some details of FORM 2, what it shall contain?*

**Ainesh :** It's a description in detail of what your invention is, field of invention, is it a method or a product? It consist of drawings, detailed design of product. You have to disclose best method of working of your product or method, and further this form is consist of most important section known as 'claims'.

**Anu :** *What do you mean by claims?*

**Ainesh :** Claims are helpful for protecting your invention from getting misused. In fact, those must be written carefully. Claims are like fencing for your garden. You have to write sufficient number of claims to protect your invention.

**Anu :** *Can you give me an example of a claim?*

**Ainesh :** Suppose you have invented a nip of a ball pen and you wish to write a claim for it, then claim must specify scope of protection sought for the nip. It will consist of what is specific range of radius of sphere of ball pen can have. What are allowed types of material it shall be made of? Such details that specifies effective performance of the novel invention.

**Anu :** *What is a general time line for filing patent?*

**Ainesh :** You shall submit FORM 2 within 12 months from the date of submission of FORM 1, After that you shall submit a request for examination for your application within 3 months of submission of FORM 2 (Complete Specification) with required fees.

**Anu :** *Ok, then how it is published to the public?*

**Ainesh :** It is published in journal of patents on website, each Friday.

**Anu :** *when does it is granted?*

**Ainesh :** After successful examination of the patent by controller office, a certificate is issued to you for a granted patent. And that means you have contributed for Nation's wealth.

**Anu :** *Thank you Ainesh, I shall must think of submitting FORM 1 for my idea.*

\*The above conversation is simplified illustration for patent filing process in India. Please refer to 'Patent Act 1970 sections and rules' for detailed procedure of filing and granting a patent.

The writer is practicing as Assistant Professor in Department of Computer Engineering at K. K. Wagh Institute of Engineering Education and Research, Nashik affiliated to SPPU.