

**DISCUSSION MEETING ON INTELLECTUAL PROPERTY RIGHTS**

**Minutes of the Meeting**

Date: 04/11/2020

**Members Present**

1. Dr.Sudhir Ravindran, Patent Attorney, Altacit Global, Chennai
2. Mr.Hari Thiagarajan, Trustee, TCE, Madurai
3. Dr.V.Abhaikumar, Director, TCE, Madurai
4. Dr.S.Mercy Shalinie, Principal, TCE, Madurai
5. Dr.R.Vasudevan, Dean – ECA, TCE, Madurai
6. Dr.S.Deepak Ram prasath, Vice President, Thiagarajar Telekom Solutions Pvt. Ltd., Madurai
7. Dr.A.R.Chandrasekar, ENVIS Coordinator, TCE, Madurai
8. Dr.B.Sathyabama, IPR cell coordinator, TCE, Madurai
9. Dr.S.Balaji, EDC & TBI Coordinator, TCE, Madurai

The points discussed are as follows.

**Patent granted on “Plastone” - Dr.R.Vasudevan**

- The significance of Plastone technology developed from waste plastics was presented by Dr.R.Vasudevan. He also exhibited various products developed and highlighted the respective commercial potential. Further to the presentation, following action items were decided
- Patent addition documents submitted by TCE will be followed up Altacit Global.
- TCE shall explore the opportunities for filing divisional patents specific to different applications. Example: The Plastone tiles with Fire retardation quality, Anti skidding nature etc..
- In TCE, the inventors from other departments shall also be envisaged to add multidisciplinary orientation to the patent application.
- Trademarks for Plastone will be applied by TCE through Altacit Global.
- A press release calling for patent commercialization of the product must be issued after patent addition by TCE.

- Hereafter, the patent claims should include broad range of operable conditions and better not to be too specific on the claims to avoid infringement.
- **Patent licensing**
  - The patent licensing has been done to M/s. Sundaram brake Linings as one-time technology transfer
  - Instead of one-time technology transfer, the licensing shall be carried out on royalty basis
  - The licensing shall also be done as a minimum term license (example 3 years) on non-exclusive basis.
  - In case of exclusive licensing rights, the time period and cost shall be fixed after due diligence
- **Patent Commercialization**
  - While patent commercialization, TCE should refrain from any sort of commercial manufacturing, contract manufacturing and sales activity.
  - The patent commercialization agreement should be based on “As is where is” criteria.

### **Intellectual Property Right (IPR) cell @ TCE**

- Dr.Sathyabama presented the existing procedure for scrutiny and filing of patents by faculty and students
- The lists of granted/filed, Indian and US patents were presented
- Following suggestions were given
  - The college should have a committee for the scrutiny of ideas worth filing.
  - The IP policy of the institute needs to be drafted at the earliest. The IP policy will be jointly drafted by Dr.Sudhir and Dr.Abhaikumar.
  - Each department through their special interest group should provide technologies/fields/areas on which the IPRs need to be generated. Adhoc patents from the students and faculty non-aligned to identified areas/sub areas need to be allowed after careful scrutiny by the committee.
  - Topics for projects in alignment with the interest of the SIG need to be announced by the department and the students have to do projects on those topics to enable a synergy of research leading to products and

patents. However, those want to pursue in different areas may be permitted to do so in consultation with the HoD.

- The college should have “Invention Disclosure Form (IDF)”, that captures all the aspects of innovation. The faculty and the students have to submit their inventions/ideas as per the format. A reference format shall be shared by Altacit Global.
- Software tools like orbit for tracing the research and innovation need to be procured and used subsequently by TCE.
- The IPR cell also have to draft Non-Disclosure Agreement (NDA) and Invention Assignment Agreement (IAA) between the stake holders. Reference formats will be shared by Altacit Global.
- In the proposed IPR process of TCE, one more step “Patent Prosecution” should be added and the relevant service from the external experts need to be obtained by the IPR cell.
- TCE should have a technology transfer office with an exclusive full time licensing officer in future for effective patent licensing and commercialization.
- The technologies and patents available for commercialization in TCE need to disseminated through press release and industrial networks.
- The students and faculty should be trained on patent search, fundamentals of patent drafting and reading the claims. Online courses like “Wipo TL101” shall be introduced to the students.
- The IPR related courses shall also be introduced in the under graduate level.
- The students shall also be trained on advanced course on IPR, which would be offered by the experts from Altacit Global.
- A one-day workshop shall be conducted through online on “Licensing” by Altacit global.
- In every department, for every SIG a faculty/staff should do patent landscape search to update the recent state of the art.
- In case of Industry sponsored research, IP policy should be drafted to facilitate co-owning of the patents by both the institute and the sponsoring industry.

## **Technology Business Incubator @ TCE**

- The thrust areas of TCE-TBI, existing incubated companies, services offered by TBI and funding options available in TBI were presented by Dr.S.Balaji and following suggestions were made.
- TBI has to facilitate incubation of more startups on deep technologies.
- TBI has to devise a graduation and exit policy for the existing incubated companies. Few success stories of graduated startups from TBI need to be showcased.
- The success rate of the startups is one of the key criteria that measures the success of TBI. The TBI in Vellore Institute of Technology (VIT) has a relatively good success rate and the VIT- TBI model shall be emulated in TCE-TBI.
- TCE-TBI should have a seed capital money to fund the startups. TCE-TBI, shall also explore taking equity on the funded startups.
- TCE-TBI shall also use the mentoring services of experts like Mr.Muthu singaram of IIT Madras HTIC MedTech Incubator, Mr.Suresh Sambandam, CEO Orange Scape and Mr.Vijay Anand, CEO Startup centre.
- TBI shall have an exclusive IPR cell in future to extend patent related services to the incubates in future.

## **Thiagarajar Telekom Solution Pvt. Ltd**

- TTSL has to file more patents to increase its valuation
- TTSL has to explore specific areas after doing prior art search for patent filing.
- The company should have a policy about co-owning of patents with TCE. It can also avail the expertise of external patent attorneys initially to draft the patent claims. In future, the company can have an exclusive employee trained in patent rights.



B Sathyabama &lt;sbece@tce.edu&gt;

## Minutes of the meeting - Discussion meeting on IPR - 04/11/2020 - reg.

2 messages

Dr S. Balaji &lt;sbalaji@tce.edu&gt;

Fri, Nov 6, 2020 at 4:16 PM

To: ravindran@altacit.com, hari thiagarajan <hari882001@gmail.com>, DIRECTOR TCE <director@tce.edu>, principal <principal@tce.edu>, Deepak Ram Prasath Sir <deepak.prasath@ttslindia.com>, DEAN ECA <deaneca@tce.edu> Cc: B Sathyabama <sbece@tce.edu>, A RamalingaChandrasekar <arcchem@tce.edu>

Dear Dr.Sudhir Ravindran,

Greetings from Thiagarajar College of Engineering.

We are sending herewith the minutes of the meeting held on 04/11/2020 at TCE about Intellectual property rights for your kind perusal and further action.

Kindly revert back for clarifications.

Thanking you

Yours Sincerely,

Dr.S.Balaji  
Assistant Professor, Department of Chemistry,  
Materials Technology Lab, Thiagarajar Advanced Research Center,  
Thiagarajar College of Engineering, Madurai - 625 015.  
(Visiting Researcher National Taiwan University, Taipei, Taiwan)  
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Sudhir Ravindran &lt;ravindran@altacit.com&gt;

Wed, Nov 11, 2020 at 5:09 PM

To: "Dr S. Balaji" <sbalaji@tce.edu>  
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Dar Dr. Balaji,

Thank you for the below email and Minutes of the Meeting.

We will revert to you with plan of action shortly.

Warm Regards,

**Dr. Sudhir Ravindran**

CEO

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2/20/24, 2:10 PM

Thiagarajar College of Engineering Mail - Minutes of the meeting - Discussion meeting on IPR - 04/11/2020 - reg.

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