

4th International Conference on

BIG DATA ANALYSIS AND DATA MINING

September 07-08, 2017 | Paris, France



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From knowledge to wealth: Intellectual property and technology licensing

The Office of Intellectual Property and Technology Licensing (IPTeL) at the Indian Institute of Science is geared towards identifying and sourcing the IP at IISc, facilitating the steps towards protection of the IP, continuously safeguarding and prosecuting the IP, and finally enabling the commercial and social utilization of the IP, through appropriate means of licensing and technology transfer.

The specific activities and roles of IPTeL are as follows:

- Identifying the sources of Intellectual Property at the Indian Institute of Science;
- Inviting Invention Disclosures from the Inventor(s);
- Evaluation and Assessment of the above Invention Disclosure(s);
- Assisting the Inventor(s) with prior art search;
- Assigning appropriate Patent Attorney(s) to assist the Inventor(s) in drafting claims and specifications for the Invention(s);
- Informing the Inventor(s) of the various stages of progress during the filing, prosecution, and maintenance of the Intellectual Property;
- Assisting in the efforts of the Inventor(s) towards Technology Licensing, and other forms of Technology Transfer to bring the Invention to “commercial” and/or “social” practice.

Some of the interesting “inventions” from the Institute, and the accompanying “technology transfer” practices are highlighted in this paper. These include:

- Portable Washing Machine for Rural Areas
- Flood-resistant Septic Tank
- Optical nano sensor
- Electrical Gradient Augmented Fluid Filtration Apparatus
- Patient Transfer Device
- Electrochemical Test Cell

Biography

Parameshwar P Iyer holds a Bachelore degree from IIT Kharagpur, Master degree from University of Illinois, and a Doctorate from University of California. He has over 43 years of teaching, research, and consultancy experience in Engineering and Technology Management. He has held several important academic and administrative positions, including being the Founder Professor of an IIM in India. He has over 50 publications and four books to his credit. He has received several professional awards, including a prestigious Fellowship from University of Illinois. Currently, he is a Principal Research Scientist at Indian Institute of Science.

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