



CHRIST
(DEEMED TO BE UNIVERSITY)
BANGALORE · INDIA

**SCHOOL OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF MECHANICAL AND AUTOMOBILE ENGINEERING**

**Report
On
“Seminar on Transformation of Research works into
Patent Filing”**

The following report contains the details of the report held for Institutional faculties students and research scholars of CHRIST (Deemed to be University).

Date: 7 April 2021

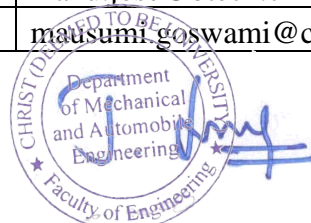
Venue: Cisco Webex

Time: 2:00 P M – 3:30 P M

Resource Person with details: Dr Debabrata Samanta
Assistant Professor, Department of Computer Science,
Bangalore Central Campus,
CHRIST (Deemed to be University).
and
Co-ordinator, IPR Cell,
CHRIST (Deemed to be University).

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OVERVIEW OF THE EVENT

The talk started with an introduction to the speaker by Dr Ivan Sunit Rout and the speakers contribution towards the role of consultancy, publications and patenting. The speaker has experience in spanning fields of SAR Image analysis, Video surveillance, Heuristic algorithm for image classification, blockchain, statistical modelling, wireless adhoc network, natural language processing, deep learning framework for detection and classification, V2I communication. He has authored and co-authored of 10 books and co-editor of 4 books. He also serves as acquisition editor for Springer, Wiley, CRC, Scrivener Publishing LLC, Beverly, USA and Elsevier. He is a Professional IEEE member, an Associate Life member of Computer society of India (CSI) and a Life member of Indian Society for Technical Education (ISTE).



Speaker: Dr. Debabrata Samanta

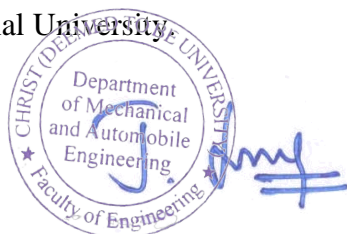
He started his talk by mentioning the benefits of IPR which are as follows:

- World Recognition
- Intensified Research Funding
- Industrial Academic Collaborative
- International Collaborative
- Research Network
- Industrial Avenue
- Industrial Consultancy
- Royalty Income
- Planning and startup recognition
- 10 points for solo author

Accreditations:

- NBA- Patent has more score than R & D projects
- NAAC- 19 points for patent published/awarded and 15 points for IPR related activities
- NIFR- 15 points for IPR and patent filing
- AICTE- big role of IPR

➤ He even mentioned the Top 10 institutions of India from Academic and Universities majorly comprising all IITs, IISc, Amity University, Galgotias University and Lovely Professional University



- IPR is related to patent, copyright, industrial design, trade secrets, trade marks and layout design.
- IPR is an intangible asset which deals with creations of mind, inventions and literary and artistic works.
- IP offices in India such as for patents and design- Kolkata, Mumbai, New Delhi, Chennai, trademarks- Kolkata, Mumbai, New Delhi, Chennai, Ahmedabad.
- Companies which have patented their logo such as Apple, Nestle, BMW, Mercedes
- Types of patent- Utility patent, Design patent and plant patent.
- Not patentable- Discoveries, ideas, law, physical phenomena and abstract ideas.
- Patentable- process, machine, manufacture, composition of matter, new and useful improvement (93.12% are improves of existing patents)
- Steps for patent registration
 - File Preparation
 - File Review
 - Draft application
 - Examination request
- Copyright- creates in author an exclusive idea to produce, reproduce, publish and perform his work in all ways known and possible.
- Works that can copyrighted- Sound recording, cinematography, literary work, musical work, dramatical work, artistic work
- Process for copyright
 - Review
 - Research/development work report
 - Design report
 - Survey
 - Class note
 - Pre-publication report
- Other IPR- Traditional design, IC layout designs, plant variety, biotechnology inventions, traditional knowledge, geographical indications
- IPR cell of CHRIST (Deemed to be University) led by Dr Fr Benny Thomas and staff are Dr Debabrata Samanta and Dr Jayanta Biswas.

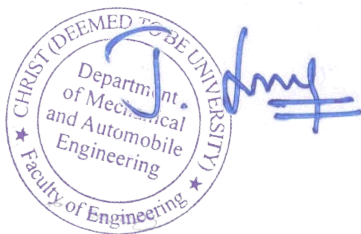
➤ IPR cell report


Year	No of Patents
2016	3
2017	3
2018	5
2019	38
2020	37
2021	18

- Ways to search published patents- Google patents, WIPO
- Essential patent documents and forms to be submitted.
- Commercial databases- Totalpatent, Patbase, Orbit, Derwent Innovation, WIPS Global, Patseer, Ambercite, Patsnap.

Dr James Sathya Kumar, Associate Professor and Co-ordinator-B.Tech in Automobile Engineering, Department of Mechanical and Automobile Engineering acknowledge the resource person for his indepth and inciteful talk on the topic. Even showing the various platforms that can be reached and bring about the innovative ideas which can help to process the patent work.

Dr Ivan Sunit Rout offered the vote of thanks to the resource person, all panelists and the participants for their active involvement throughout the seminar.




*Head of the Department
Mechanical and Automobile Engineering
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PHOTOS FROM THE EVENT



Dr Ivan Sunit Rout introducing the speaker to all participants



Dr Debabrata Samanta delivering his talk



CHRIST

DEEMED TO BE UNIVERSITY
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**School of Engineering and Technology
Department of Mechanical and Automobile Engineering
in association with
Intellectual Property Rights Cell
organises**

**Seminar on
'Transformation of Research
Works into Patent Filing'**



**Resource Person:
Dr. Debabrata Samanta
Assistant Professor
Department of Computer Science
&
Coordinator, IPR Cell
CHRIST (Deemed to be University)**

Date: 07 April 2021, Time: 02:00pm

Webex joining link:

<https://christkengeri.webex.com/christkengeri/onstage/g.php?MTID=e552e4296a51a97a8376e60b985ae1c85>

Coordinator: Prof Dr Pal Pandian P (+91-9916480919)