

Intellectual Property Rights Cell MITE

2019-20

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Year 2019-20 Statistics

No of Patent Applications Filed	No of Patent Applications Published	No of Patent Applications Granted
1 (Complete Specification)	2 (Indian Patent Journal)	Nil

Intellectual Property Rights Cell

IPR CELL MEMBERS FOR THE ACADEMIC YEAR 2019-20

S.No	Role	Name and Designation	Contact Number
1	Chairman	Dr. G L Easwara Prasad Principal	9972099169
2	Member	Dr. Divakara Shetty S Dean (Academic)	9845267292
3	Member	Prof. Jayadeva Prasad, Head, Dept of Management Studies	9343232321
4	Member	Dr. G Purushotham Head, Dept of Aeronautical Engg	9880509299
5	Member	Dr. Venkatramana Bhat P, Head, Dept of Computer Science & Engg	9448061575
6	Member	Dr. Neelakantha V Londe Professor, Dept of Mechanical Engg	9480267239
7	Member	Dr. Raghavendra Sagar, Sr.Assistant Professor, Dept of Physics	9886068593
8	Member	Mr. Surjit Ram, Sr.Assistant Professor, Dept of Humanities/ Legal Consultant	9448094471
9	Convener	Mr. Ramalingam H M Sr.Assistant Professor, Dept of Electronics and Communication Engg	8722223876

Two Days Workshop on Ideas to Reality

Date: 21/02/2020

Session-1: 10AM to 11:30AM

Speaker: Mr. Sundar Sherighar, Assistant Director, MSME, Mangalore

Mr. Sundar Sherighar, inaugurated the Workshop and delivered a talk on “Ideation: turning ideas to reality”. He initially spoke about innovation and creativity in the workplace. The main aim of the session is to improve Innovation, Creative thinking skills of the students and thereby develop good social relevant projects and to prototype them and help them to find funding/incubation from Government and Private Sources to start a Start-up or help them to be good innovators. He encouraged the students to nurture their innovative ideas to reach the pilot level and to apply them to the Business Incubators, which are organizations that assist innovators to earn grants to convert their innovations into sustainable and scalable enterprises.



Mr. Sundar Sharighar giving his inaugural address

Session-2: 11:45AM to 1PM

Speaker: Mr. Ramalingam H M, Convener, IPR Cell-MITE

Mr. Ramalingam H M Delivered Talk on “Intellectual property rights an overview” in the second session of the Workshop. Main objective of the session is to create awareness about various types of intellectual property rights. The resource person briefed various intellectual property rights and various intellectual property infringements which covers Copy rights, Patents, Industrial designs, Trademarks, Geographical indications and Trade secrets. The session was concluded by a quiz to assess the audience.

Session-3: 2 PM to 4.30 PM

In the Afternoon session purely focused on the Patent process Mr.Ramalingam explained the patent process and the support from MITE to filling patent. Later he given hands on training of patent search to the participants, which includes the prior art search from various public domain patent data bases like Patent scope, Espacenet, India Databases, US Databases.



Mr. Ramalingam discussing about intellectual property rights

Date: 22/02/2020

Session-1: 10AM to 11:30AM

Speaker: Mr.Glenson Toney, Manager, NAIN incubation center, MITE

Mr.Glenson Toney, Started the day-2 of the workshop by delivering “Startups and MITE”. In his address he explained the incubation eco system at MITE and the facilities that students can avail. He also spoke about the successful ventures by alumnus of MITE. Further, the participants were grouped into teams to prepare a pitch presentation.



Mr. Glenson addressing the incubation eco system in MITE

Session-2: 11.45 AM to 1PM

Dr.Ragavendra sagar, Senior Assistant Professor Department of Physics, MITE and **Mr.Sunil Kumar**, Senior Assistant Professor, Department of CSE MITE, conducted the session-2 on the topic “Idea Generation : A Systematic Mapping of Literature”. Main focus of this session is idea generation from the Scolary Journals and review the literature. Dr.Ragavendra sagar explained about different types of journals and why to read research articles, further he given example of idea generation from research articles.



Mr.Sunil Kumar explaining about Journal search

Mr.Sunil Kumar explained the methods of searching relevant content form journals and he shown how to do journal search from various journal sources like IEEE-Explore, Science direct and Springer.

Session-3:2 PM to 4.30 PM

The final session of the workshop witnessed 10 teams presenting their business ideas to the panel. Mr.Abhay, Assistant Professor, Department of MBA was the jury. Top three teams were awarded cash prizes.



Pitch Presentation by the participants

One Day Workshop on the Significance of Intellectual Property Rights Significance for Entrepreneurs and Academia

Date: 07/09/2019

Session-1: 9:30AM to 10:45AM

Speaker: Dr. Ramamurthy, Senior advisor, Origiin IP solutions, bengaluru.

Dr. Ramamurthy, inaugurated the Workshop and delivered talk on “Demystifying the Spectrum of Intellectual Property Rights, with focus on Trademarks”. He initially spoken about how fresh ideas will come and how unique solutions to problems may become an invention. Further he explained about the commercialization of the idea. He gave examples of new invention like tubeless tires, fighting Dengue using eco green energy outdoor lighting system, X-ray vision T-Shirt, Belt driven Hubless Bicycle etc.



Dr. Ramamurthy sharing his views on innovation

In continuation to that Dr. Ramamurthy explained various domains of IPR protection; those are copyright, patent and trademark. Copyright gives the creator of original work exclusive rights to it. Patent grants an inventor exclusive rights to make, use, sell and import an invention for a limited

period of time for a product and trademark is a recognizable sign, design which identifies products. He concluded the session by explaining the difference between trademark and service mark.

Session-2: 10:45AM to 11:30AM

Speaker:Ms. Prabhavathi Rao, IPR Cell, VTPC, Karnataka

Ms. Prabhavathi Rao, Delivered Talk on “Growing Significance of Intellectual Property Tools for Entrepreneurs and Academia” in the second session of the Workshop.



Ms. Prabhavathi Rao highlighting various Government Schemes available for Product Development

Ms. Prabhavathi Rao explained the potential of a business to create jobs and how entrepreneurs predominate in the economy. She also explained that Entrepreneurship has offered the opportunity to many of the world's poor to earn a sustainable livelihood. She offered guidance to develop entrepreneurship promotion among women, youth and minorities as well as offering guidance on how to establish national centers of excellence in entrepreneurship, encouraging

networking and the sharing of good practices. She highlighted about government schemes for product development and exporting. In Entrepreneurship development implementing an idea into product plays an important role. The speaker encouraged the Audience to convert their ideas into products and copyrights. The session was concluded by answering the queries of the participants and thereby encouraging them to patent their ideas and also to respect the patents that already exist.

Session-3 : 11.45 AM to 12.30 PM

“Spotlights on Patents, Patentability, Innovations and patent Mechanism” addressed by Dr. Sarsija Padmanabhan, IP Consultant, in the third session. In her address, she explained the process of patent publication and granting, which includes Filing, Formal Examination, Prior art Search, Substantiate examination, Publication and grant/refuse, Appeal and Opposition.



Dr. Sarsija Padmanabhan explaining the Patent Process

Session-4: 1.30 PM to 3.30 PM

In the Afternoon session Dr. Sarsija Padmanabhan given hands on training of patent search to the participants, which includes the prior art search from various public domain patent data bases like World Intellectual Property(WIPO), Europe databases, Africa Databases, India Databases, US Databases.

Mr. Mr. Shreekumar T, Associate Professor, Department of Computer Science and Engineering, is one of the inventor for the Indian Patent Application No:202041025003 titled “A Smart And Efficient Hospital Management System Over The Cloud For Data Analysis And Security In Case Of Pandemics”. The patent application was published in the Indian Patent Journal on **17th July 2020**.

(12) PATENT APPLICATION PUBLICATION	(21) Application No.202041025003 A
(19) INDIA	
(22) Date of filing of Application :15/06/2020	(43) Publication Date : 17/07/2020
(54) Title of the invention : A SMART AND EFFICIENT HOSPITAL MANAGEMENT SYSTEM OVER THE CLOUD FOR DATA ANALYSIS AND SECURITY IN CASE OF PANDEMICS	
(51) International classification	(71)Name of Applicant :
(31) Priority Document No	1)Mr.RAGHAVA YATHIRAJU
(32) Priority Date	Address of Applicant :S/O YATHIRAJU
(33) Name of priority country	VENKATESWARLU, C/o.ST. MARY'S GROUP OF
(86) International Application No	INSTITUTIONS GUNTUR,GUNTUR-BAPATLA HIGHWAY
Filing Date	,CHEBROLU(V&M) GUNTUR Dt-522212. Andhra Pradesh
(87) International Publication No	India
(61) Patent of Addition to Application Number	2)Dr. K.N.VENKATA RATNA KUMAR
Filing Date	3). Dr. NALLAMOTHU NAGA MALLESWARA RAO
(62) Divisional to Application Number	4)Mr. SUBHANI SHAIK
Filing Date	5)Mr. KALLURI VENKATARATNAM
	6)Mr. RIAZ SHAIK
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	8)Mr. S NYAMATHULLA
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	(72)Name of Inventor :
	1)Dr. K.N.VENKATA RATNA KUMAR
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	6)Mr. KALLURI VENKATARATNAM
	7)Mr. SHREEKUMAR THOTTAPPURAM
	8)Mrs.P.ANITHA RANI
	9)Mr. MANDA KIRAN KUMAR
	10)Mr. S NYAMATHULLA
(57) Abstract :	
A smart and efficient hospital management system over the cloud for data analysis and security in case of pandemics is the proposed invention that aims at implementing an efficient hospital management system to efficiently manage the hospital data and reports which are very important for further analysis. Although there are many, one tedious task for a hospital management system is to record all sorts of data pertaining to their In- Patients, Out Patients, Nurses, Doctors and other attendants to the medical cases. Most importantly maintaining and analyzing the data during pandemics such as the present COVID 19 conditions that affected large sections of population globally, the proposed invention aims at implementing an efficient system to analyze and also provide security to such data. The invention creates a grid based application system and manages the patiently remotely using GPS.	
No. of Pages : 22 No. of Claims : 6	

Invention Titled “**AUTOMATED TAPPING MACHINE FOR THE EXTRACTION OF NEERA FROM COCONUT TREES**” got published in the Indian Patent Journal on 25th October 2019.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA

(21) Application No.201841015038 A

(22) Date of filing of Application :20/04/2018

(43) Publication Date : 25/10/2019

(54) Title of the invention : AUTOMATED TAPPING MACHINE FOR THE EXTRACTION OF NEERA FROM COCONUT TREES

(51) International classification	:B23G 1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Mangalore Institute of Technology and Engineering
(32) Priority Date	:NA	Address of Applicant :Badga Mijar, Moodabidri Mangalore
(33) Name of priority country	:NA	Taluk, D. K. district Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Mr. Thejus Prakash
(87) International Publication No	: NA	2)Mr. Elton Dylan Nazareth
(61) Patent of Addition to Application Number	:NA	3)Mr. Arjun P Raj
Filing Date	:NA	4)Mr. Diljith N
(62) Divisional to Application Number	:NA	5)Mr. Aravind Manoj
Filing Date	:NA	

(57) Abstract :

This invention is based on the automation of a tapping machine used to extract Neera from coconut trees. As the conventional method is a risk to human life and scarcity of skilled labors, the drive towards building this invention has reached its prime moment. The device is installed on the coconut tree where mechanical grabbers are used to hold the matured inflorescence and the other grabber is used to squeeze it 3 4 times from bottom to top as done conventionally. These are all operated using electric motors assembled on screw rods. This inflorescence is held with both the grabbers until the next process begins. The initial process is to slice the tip of the inflorescence by about 5% so that the flow of Neera begins. The replaceable blade which is a part of the slicing tool is driven by a motor that does this operation. Once this is done the blade is retracted to its initial position. The entire process is done early in the morning and repeated late in the evening. Every day the inflorescence is sliced by about 3 mm. The slicing and squeezing will vary from full moon to no moon as the content of sap varies during this period. All these operations are controlled with a microcontroller in turn operated with a battery. The extracted Neera is then stored in a bucket which is retracted using a pulley.

No. of Pages : 17 No. of Claims : 8