

<u>Workshop on Intellectual Property Rights</u> *December 18, 2020; 10 am to 1 pm Conducted by Narayana Translational Research Centre (NTRC)* 

#### Speaker



Dr. P. Karthigeyan, M. Tech , Ph.D. (Intellectual Property rights) , PGDIPR, DICFS (Cyber Security ), PGDEP (Entrepreneurship), PGDCFS (Criminology & forensic Science ) IPR Manager, MSME-TC, Ministry of MSME, Government of India. Former Research scientist, I.I.T Madras, GI Advocate/ Agent, GI Registry, Govt. of India

#### Patron



Dr. Surya Prakasa Rao, MD Professor and Dean, Narayana Medical College.

#### Convenor



Dr. Sivakumar Vijayaraghavalu, Ph.D. Professor and Head, NTRC

#### Workshop – Participants Poll (n=245)





**Registrants Profile** - Total 245 registrants from India (92%) and other countries (8%) – which includes USA, UK, Saudi Arabia, Bahrain and Japan. Indian registrants were from across the country with higher percentage from Andhra Pradesh (70%), followed by Tamil Nadu (15%); rest of the 15% are from the following states – Telangana, Orissa, Sikkim, Karnataka, Pondicherry, Uttar Pradesh and Kerala.

The webinar started with a welcome greetings from the Convenor to the guest speaker – Dr. P. Karthigeyan and all the participants. As well he thanked the Dean, Dr. SP Rao for being master mind behind this webinar series and for his constant encouragement. Then, he introduced the speaker to the audience as follows – today speaker's educational background is unique with M.Tech degree in engineering and a Ph.D. in Intellectual Property Rights (IPR). He has PG diplomas in IPR, cyber security, entrepreneurship, criminology and forensic sciences. He is currently working as an IPR manager in MSME technology center, Ministry of MSME, Odisha, Government of India. Previously he was a research scientist in Intellectual Property Management (IPM) division of Indian Institute of Technology Madras (IIT-M), Chennai, India. He is also a Geographical Indication (GI) advocate (Agent No. 57), Govt. of India and an expert panel reviewer for BIG- BIRAC grants, Govt. of India. Additionally, director for a IP services company. He is well accomplished IPR lawyer and scientist with more than 50 journal publications, patents, designs, Gl's, copy rights, trademarks, conferences and proceedings, as well 3 projects on National Security published in Times of India.

Some of his success stories as consulting IP lawyer includes – facilitation of **Rs. 72 crores** for startup applicant "Tzar Aerospace Pvt Ltd" by performing IP due Diligence & Competitive Intelligence analytics (Market potential evaluation) and FTO analytics of the applicant innovations. Similarly, he helped an orthodontic surgeon to obtain 50 lakhs as research grant from BIRAC – DBT and a start up to receive **National Award** for his Innovation - "an automatic wheel chair for the patients suffering from cerebral palsy". As a consultant Dr. Karthigeyan generated the revenue of Rs. 14 lakhs in 3 years at CTTC – MSME technology centre, Ministry of MSME, Odisha, Government of India. He filed Geographical Indication ( App. No. 610; certificate # 344) for a potent turmeric variety – Kandhamal turmeric grown in Odisha. With this given educational and work experience, he will be the appropriate speaker for this chosen topic. On behalf of our honorable dean and Narayana Medical College, the convener requested the speaker to take over the session. The speaker thanked the convenor, dean and the institution for giving him an opportunity,

he also thanked and welcomed the participants who are much interested in learning about the IPR. Then he started his presentation, screen shots of the slides from his presentation is mentioned in the following pages.

#### AWARENESS ON INTELLECTUAL PROPERTY RIGHTS



Presented by Dr. P. Karthigeyan Ph.D (IPR), DIPFCS, PGDIPR,PGDEP,PGDCRFS IPR Manager, MSME- TC, Ministry of MSME, Govt of India Former Research Scientist, I.I.T Madras Exper panel reviewer, BIG-BIRAC, Govt of India GI Advocate no:57, GI Registry, Govt of India Visiting Faculty,IPR &cyber crime, Tamil Nadu Police Dept, Govt of Tamil Nadu

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## **IP Evolution**

**Property**  $\rightarrow$  **Right INTELLECT – PROPERTY – RIGHT** Idea  $\rightarrow$  Expression  $\rightarrow$  COPYRIGHT Idea  $\rightarrow$  Innovation  $\rightarrow$  Invention  $\rightarrow$  PATENT Idea  $\rightarrow$  Quality + Identity  $\rightarrow$  TRADEMARK Idea  $\rightarrow$  Appearance  $\rightarrow$  DESIGN Idea  $\rightarrow$  Keep Confidential No Disclosure  $\rightarrow$  TRADE SECRETS

# IP ÉVOLUTION



### **CELL PHONE**

Working Mechanism - PATENT/Trade Secret

Name - TRADE MARK

Manual - COPY RIGHT

Shape - DESIGN

Inside Circuits- Integrated Circuit Layout Design

Sim card - Integrated Circuit Layout Design







### The Object Of The Patent Law

A statutory right to owner of the patent for a certain period of time (20 Years) to stop others from using, selling or working out his invention, and exploit it commercially

To disclose the invention by encouraging scientific research and new technology,

To stimulate new inventions of commercial utility and

To pass invention into public domain after the expiry of the fixed period of the monopoly.

## What can be patented?

- Innovative
- ➤ Technology
- > Process
- > Product
- ≻ Mechanism
- > Utility
- Business Method

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# **Conditions Of Patentability**

### **Invention must**

### ✤ Be new (Novel)

Invention not known to public prior to filing the patent application by inventor.

### Involves an inventive step

Invention would not be obvious to a person with ordinary skill in the art

#### Be Capable of industrial application

Invention can be made or used in any useful, practical activity i.e. Invention is capable of being made or used in any kind of industry

Not fall under Section 3 and 4

## **TYPES OF PATENT FILING**

- PROVISIONAL FILING- INVENTION IN CONCEPTUAL STAGE-12 MONTHS VALIDITY
- COMPLETE POST PROVISIONAL- PROTOTYPE DEVLOPED WITH RESULT INTERPRETATION WITHIN 12 MONTHS
- DIRECT COMPLETE FILING- PROTOTYPE DEVLOPED WITH RESULT INTERPRETATION
- PCT FILING-INTERNATIONAL FILING

## Filing procedure



## Sample patent filing forms and Fees

Form No.		Amount of fees (INR)						
	Form Description	For E-Filing			For Physical Filing			
		Natural Person	Other than natural person		Natural Person	Other than natural person		
			Small entity	Other than Small Entity		Small entity	Other than Small Entity	
1	Application for Grant of Patent	1600 - Multiple of 1600 in case of every multiple priority - 160 (each sheet of Specification in addition to 30) - 320 (for each claim in addition to 10)	4000 - Multiple of 4000 in case of every multiple priority - 400 (each sheet of Specification in addition to 30) - 800 (for each claim in addition to 10)	8000 - Multiple of 8000 in case of every multiple priority - 800 (each sheet of Specification in addition to 30) - 1600 (for each claim in addition to 10)	1760 - Multiple of 1760 in case of every multiple priority - 176 (each sheet of Specification in addition to 30) - 352 (for each claim in addition to 10)	4400 - Multiple of 4000 in case of every multiple priority - 440 (each sheet of Specification in addition to 30) - 880 (for each claim in addition to 10)	8800 - Multiple of 4000 in case of every multiple priority - 880 (each sheet of Specification in addition to 30) - 1760 (for each claim in addition to 10)	
2	Application for Provisional/Compl ete Specification	No fee - 160 (each sheet of Specification in addition to 30) - 320 (for each claim in addition to 10)	No fee - 400 (each sheet of Specification in addition to 30) - 800 (for each claim in addition to 10)	No fee - S00 (each sheet of Specification in addition to 30) - 1600 (for each claim in addition to 10)	No fee - 176 (each sheet of Specification in addition to 30) - 352 (for each claim in addition to 10)	No fee - 440 (each sheet of Specification in addition to 30) - 880 (for each claim in addition to 10)	No fee - 880 (each sheet of Specification in addition to 30) - 1760 (for each claim in addition to 10)	
3	Application for Statement and Undertaking Under Section 8	No fee	No fee	No fee	No fee	No fee	No fee	
4	Application for Request for Extension of Time	480 per month	1200 per month	2400 per month	528 per month	1320 per month	2640 per month	
5	Application for Declaration as to Inventorship	No fee	No fee	No fee	No fee	No fee	No fee	
6	Application for Claim or Request Regarding any Change in Applicant for Patent	800	2000	4000	880	2200	4400	

### The Many Layers of a Patent Search



# **TYPES OF PATENT SEARCH**



## Sample Patent databases

Name	Link		
WIPO	http://www.wipo.int/portal/en/index.html		
USPTO	http://www.uspto.gov/		
Espacenet	http://worldwide.espacenet.com/		
SIPO	http://english.sipo.gov.cn/		
Inpass	http://ipindiaservices.gov.in/publicsearch/		
EPO	https://www.epo.org/index.html		
JPO	https://www.jpo.go.jp/		
AusPat	http://pericles.ipaustralia.gov.au/ols/auspat/quickSe arch.do		
OECD	http://www.oecd.org/		
KIPRIS	http://www.kipris.or.kr/enghome/main.jsp		

# What Is Patent Infringement?

- Patent infringement is the commission of a prohibited act with respect to a patented invention without permission from the patent holder.
- It occurs when someone violates the patent rights an inventor has in his invention by making, using or selling the invention without the patent owner's permission (or if the patent has been licensed), in a way not permitted by the license.

### Sample Licensed Patent databases

Name	Link
Questel Orbit	https://www.orbit.com
Lexis Nexis	www.lexisnexis.co.in
Thomsons Innovation	https://www.thomsoninnovation.com/
Relecura	https://www.relecura.com/
Patbase	https://www.patbase.com/
Patseer	https://www.patseer.com
	o 21

10

30

3:15

### Case Law1: Novartis vs Givec-Section 3 (d)

### OVERVIEW OF NOVARTIS CASE Novartis AG v. UOI decided on 1<sup>st</sup> April 2013 <u>Facts of the case</u>

- Novartis is the world's leading pharmaceutical company filed patent application for its new version of cancer drug.
- The drug is called glivec and is very expensive. Glivec was already in the market, however they decided to seek a patent on a slightly altered version potentially giving it longer period of market exclusivity.

## Apple \$290 million patent infringement case with Samsung



#### A graphic showing how Samsung smartphones and tablets changed after the release of Apple's iPhone and iPad



### **Youngest Patent-holder on wheelchair**



 JAIPUR: Drawing
inspiration from scientist Hawking, a wheelchair-bound nine-year-old boy here has invented a game of six-player circular chess. The boy, Hridayeshwar Singh Bhati has got the game's design patented in his name.

#### Inspirations-Youngest Patent Holder (2013) -Adithya(15 yr old school student) from VirudhuNagar



"I am an outstanding student of the class as I am always standing out. I sleep so late that I am unable to reach classes on time and as a result I have to stand outside!" he laughs. 15 year-old student who already has 17 inventions under his name that have bagged him many awards and two Guinness World Record attempts.

For his contributions at such a young age, Adithyaa has received global recognition including 2 world record attempts, 2 National Awards, 7 Titled Awards, 5 State Awards and many District Awards. He is also a winner of the <u>IGNITE Awards</u> conducted by <u>National Innovation Foundation-India</u>.

In addition to this, Adithyaa has been selected for the inaugural "Innovator in Residence" program of the President office launched by the Honorable President of India, Shri Pranab Mukherjee on his birthday on December 11, 2013. He was staying at Rashtrapati Bhavan from July 1 to July 20, 2014 and is being mentored by the office of the President House!

## **Tech transfer flow**



### 







Chart By IPC Class



## TRADEMARKS

**TRADE MARK** 

A name of an enterprise or a Mark capable of being represented graphically, distinguishing the goods or services of one person from those of others e. g., LUX, Godrej, TVS, Telco, 555, APPLE



# **Kinds of Trademarks**

- Marks on goods
  Collective Marks
- Service Marks
  Well known marks
- Certification Mark Trade Names



A trademark may be designated by the following symbols:



(for an Unregistered Trademark, that is, a mark used to promote or brand goods)

## SM (for an unregistered Service mark, that is, a mark used to promote or brand services)



(for a registered trademark)

#### Trademark Procedure Flowchart in India



Activity	Official Fees	
Filing TM/service mark	5000	
Opposition	2500	
Reponses to opposition	1000	
Request for attending hearing	500	
Renewal (within 6m)	5000+3000	
Restoration of Trademark (6m to 12m)	5000 + renewal fees	
Cancellation of TM	3000	
Counter to Cancellation of TM	1000	
Accelerated Exam	20000	
Certification/collective Mark	20000	

#### "Jai Ho"Trademark Infringement case 2013: AR Rahman song "Jai Ho" Vs Salman Khan move "Jai Ho"

#### **USPTO FILING DETAILS**



Word mark:	JAI HO!	
Status/Status Date:	CONTINUED USE NOT FILED WITHIN GRACE PERIOD, UN-REVIVABLE 8/11/2017	
Serial Number:	77733388	
Filing Date:	5/11/2009	
Registration Number:	3898470	
Registration Date:	1/4/2011	
Goods and Services:	Pre-recorded sound storage media, image storage media and data storage media, in the nature of digital versatile discs, compact discs, video tapes and audio tapes featuring music and films in the fields of drama, comedy and variety; pre-recorded sound storage media, image storage media and data storage media, in the nature of digital versatile discs, compact discs, all for interactive use, featuring music and films in the fields of drama, comedy and variety; exposed cinematographic films	
Mark Description:	NOT AVAILABLE	
Type Of Mark:	Service Mark	
Published For Opposition Date:	9/28/2010	
Last Applicant/Owner:	Rahman, AllahRakka London SE10EBWhy is this contact information displayed?	
Mark Drawing Code:	Standard Character Mark	
Design Search:	(NO DATA)	
Register Type:	Principal	
Disclaimer	(NOT AVAILABLE)	
Correspondent:	GRAHAM FARRINGTON LADAS & PARRYLLP 224 S MICHIGALAVE STE 1600 CHICAGO, IL 60004-2508 30	
### "Jai Ho"Trademark Infringement case 2013: " Mersal (shocked)" tamil movie vs "Mersalaitan"(shocked) – Latest trademark infringement case June 2017

		rial Policy & Promotion Patents Design & Trade Marks	_	INTELLECTUAL PROPERTY INDIA	
	Class Detail	s   Well Known Marks   Prohibited Marks	Vienna Code Classification   Internation	nal Non-Propriet	ary Names(INN)   H
Search (	nterie : Wordmark	COMPUTER GENERATED Search String : Mersal		Date : 16-Oct-20	17
APPL NO	CLASS CONFLICTING MARK	JOURNAL PROPRIETOR NAME	PROPRIETOR ADDRESS	STATUS	Image
3581884	41 Mersal	1809 N.RAMASAMY	NO.2/8, 80 FEET ROAD, DEAVER GARDEN. SALIGRAMAM, CHENNAI. 600 093. TAMIL NADU. INDIA	Opposed	Alexin
	ATION DATE : 3006/2017 SERVICES : ENTERIAINM	ENT			USER DAI
00000		00.290112			



# **TM objections**



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### JOLLY LLB2 MOVIE VS BATA COMPANY TRADEMARK DEFAMATION CASE-FEB17, 2017

away from the shared



Annu Kapoor's Character humilia that he wears Bata shoes, to which Akshay Kumar's character feels insulted and slaps Annu Kapoor's character in reaction. 10 II 30



## **Trademark Classes**



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# **Trademark** Search



Government of India Ministry of Commerce & Industry Department of Industrial Policy & Promotion Controller General of Patents Design & Trade Marks



Public Search of Trade Marks

Class Details | Well Known Marks | Prohibited Marks | Vienna Code Classification | International Non-Proprietary Names(INN) | Help |







Government of India Ministry of Commerce & Industry Department of Industrial Policy & Promotion Controller General of Patents Design & Trade Marks



Public Search of Trade Marks

Class Details	Well Known Marks   Prohibited Marks   Vi	ienna Code Classification   Internationa	I Non-Proprietary Names(INN)   Help						
COMPUTER GENERATED TM-SEARCH REPORT									
Search Criteria : Wordmark	Search String : o kareem	Class : 43 Search Da	ate : 19-Dec-2018						
APPL CLASS CONFLICTING MARK	JOURNAL No	PROPRIETOR ADDRESS	STATUS Image						
3953419 43 O' Kareem Family Restaurant	JEEVAN AMRIT FOOD PRODUCTS PVT. LTD	PLOT NO- 1186, HOTEL JAJATI COMPLEX, UNIT-3, MASTERCANTEEN, BHUBANESWAR - 751021, ODISHA, INDIA.	Objected Faniy Restaural						
APPLICATION DATE : 24/09/2018 GOODS/SERVICES : SERVICES FOR PROVIDING FOOD AND DRINKS.									
Vienna Code(s) : 270501, 290112									
Print Report Next Search Back to Report									
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## **Design Infringement case1**

### Marico Vs. Raj Oil Mills

Parachute cap
 Competitor's caps dissimilar
 No prima facie case
 Injunction denied



# Copyright filing procedure



Bollywood's 'Raabta' June9, 2017 - Copyright Infringement case – Claimed to be an Incarnation of telugu movie "Magadheera"



Allegation of story script theft of Raabta movie makers from the movie Magadheera under copyright act 1957

Incarnation of the characters claimed

>Demerits: No specific interface database to search for literary works in copyright database and lack of awareness about IPR.

### Copyright Infringement Case-Delhi University &Rameshwari photocopy case 2016

### DU PHOTOCOPY CASE

A suit was instituted in Delhi High Court by Oxford University Press, Cambridge University Press, United Kingdom, Cambridge University Press India Pvt. Ltd, Taylor & Francis Group, United Kingdom, Taylor & Francis Books India Pvt. for copyright infringement against Rameshwari Photocopy Shop (defendant no.1) and also against University of Delhi (defendant no. 2) for making course packs consisting of extracts from plaintiffs' publications using photocopy.



# GI Infringement – Basman Kice Case



**Basmati Rice** 





# TKDL- Traditional Knowledge Digital Library

### What is TKDL??

- Traditional Knowledge Digital Library (TKDL), an electronic database which provides information on traditional knowledge existing in the country.
- TKDL acts a bridge between the traditional knowledge information existing in local languages and the patent examiners at IPOs.
- It is a collaborative project between CSIR, Ministry of Science & Technology and Department of AYUSH (Ayurveda, Yoga & Naturopathy, Unani, Siddha and Homeopathy), Ministry of Health & Family Welfare and is being implemented at CSIR.
- This database enables the Patent Offices all over the world to search and examine any prevalent prior art, and thereby prevent incorrect grant of patent on products/processes based on knowledge in public domain.

# Total Consultancy generated by form April 2018 to Sep 2020 – 17 Lakhs

### CTTC IPFC CONSULTANCY FROM APRIL 2018 TO MARCH 2019



## Success story of a start up Applicant-Tzar Aerospace Pvt Ltd



#### Technology Licensing/ IP Commercialization support for "Start up" – 72 crores

- Technology Licensing/ Commercialization for Start up based entrepreneur "Tzar Aerospace Pvt. Ltd" inventions pertaining to Renewable Energy, Drone manufacturing, Aerospace engg, Biomedical, Robot Technology etc
- ANALYSED through the <u>Competitive Intelligence analytics / Freedom to Operate analytics facilitated by</u> the MSME IPFC cell using International Licensed Patent Databases
- Appreciated by the European Patent Office professionals of the investors team that ultimately paved the

way for a fund grant of KS, 72 CTOTES.

# INSTITUTE OF DENTAL SCIENCE, BBSR



Name of the Inventor: Dr. Lora Mishra

Name of the Organisation: Institute of Dental Sciences Bhubaneswar

Title of the Invention: "A novel endodontic file viewing box"

Facilitatiuon Availed: Novelty Serach, Patent filing, Competitive Intelligence Analytics Design Development Recognition: Awarded with BIG Ignition grant 2018 of Rs. 50 lakhs under BIRAC-DBT, GOVT OF INDIA

Ref: Big Grant-13, Mail Dated 12th December, 2018)

# Sample News Articles- ODIA Live & Indian Express



କୌଣସି ଜିଗିଷକୁ ଜିଆଇ ଟ୍ୟାଗ୍ ମିଳିରେ ତାହା ତା'ର ବ୍ରାଣ୍ଡ୍ ଭାଲ୍ୟୁ ତଥା କମସିଆଲ୍ ବା ବ୍ୟବସାୟିକ ମୂଲ୍ୟକୁ ବଢ଼ାଇ ଦେଇଥାଏ। ବିଶେଷକରି କହମାଳ ହଳଦୀ ପରି ଏକ ଜୈବିକ ପଦାର୍ଥକୁ ଜିଆଇ ଟ୍ୟାଗ୍ ମିଳିବା ଏହି ବୃଦ୍ଧିରୁ ଗୁରୁଦ୍ୱପୂର୍ଣ୍ଣ ବୋଲି ସିଟିଚିସି ଆଇପିଏଫସିର ଯୁବ ବୈଜ୍ଞାନିକ ତକ୍ର ପି. କାଭିରେୟନ ଓଡ଼ିଶା ଲାଇଜ୍ ସହ ଆଲୋଡନା ବେଳେ ଦୋହରାଇଛନ୍ତି।



ଭୁବଜେଶ୍ର ପଟିଆରେ ରହିଛି ତୁଲ୍ ତୁମ୍ ଟ୍ରେଟିଂ ସେଣ୍ଟର (ସିଟିଟିସି)। ଏଠାରେ ଥିବା ଆଇପିଏଫସି ବିଭିହ୍ନ ଇଣ୍ଡେଲେବ୍ତୁଆଲ୍ ପ୍ରପର୍ଟି ରାଇକ୍କ ଆବେଦନ କ୍ଷେତ୍ରରେ କାମ କରୁଛି। ତେଣୁ ଟ୍ରେହମାର୍କ ରେଜିଷ୍କେସର୍ଠାରୁ ଆରୟ କରି ଜିଆଇ ଟ୍ୟାଗ୍ ଲାଗି ଆବେଦନ ପର୍ଯ୍ୟନ୍ତ ବିଭିହ୍ନ କାମ ପାଇଁ କୌଣସି ସଂସ୍ଥା ବା ବ୍ୟକ୍ତି ବେନ୍ତ ସରକାରଳ ହାରା ଅବୁମୋଦିତ ଏହି ଇଣ୍ଡେଲେକ୍ଟୁଆଲ୍ ପ୍ରପଟି ଫାସିଲିଟେସନ ସେଣ୍ଟର(ଆଇପିଏଫସି)ର ସାହାଯ୍ୟ ନେଇପାରିବେ।

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EXPRESS		UPUR	AM	-Texador 1955%-texa: Nais - China Santa - Yitti Texatari 1957k - Naishana Santa Baratikan Santa - Naishana - Yittagantari Yidi - 2014 - K	
02 villipiram	THU	ISSNY ()2,05,2019			
TN lacks	awarene	ess about	GI statu	s, rues of	ficial
AGentral government official, who as anotive of Villopuram, has been instrumented in Oris sha farmers getting governab- cal indication (GI) status for the turnment cultivated in Kandhamal district of the Oris. Tr P Kurthigeyan, who balls from Pourbur Village in Youry ability d' Villopuram district is writing as an working as an DPR (intellectual Property Raphe's and Incubation Man- ager at the Technology Cathe- at Brobaneswar in Olisha, which is under the Central ministry of Morio Sciell and Medium Enterprises. A for- mer research scientist at UT- Matrics, he was the facilitate for the application of the GI ageter Kindhanad Helakiture- meth' or two in Olisha state. "I around for GI dag for	Kanfhemal Haladi on January 13, 2014 on behalf of the Kanf- hanal Aper Spices Associa- tion for Marketing (KASAM), 15 1 was authorised by Dr demilia the district Collector of Kanfhamal and president of Kanfhamal and president to family the process, he said he pre-filing stage started with field visits to Kanfhamal district, to understand and monitor the methodor produc- tion of tarmeria, consolino, pre-harvesting and posthar- vesting management and ch- matic significance. He added that his team had interactions with farmers, besides analys- ing the medicinal and indu- trial used the particular tar- ely of turmeric. "It has been found that the uniqueness of Kanfhamal tar- mict is by default and organ-	334.2 per cent and golden yel- low oil percentage of 5.3. The turmeric is known to have nu- merous medicinal and indus- trial uses, and it has received USDA Organic certification and Control Union certifica-	metric. "The application was accepted on August 28, 2014 at	tion, so it can estimat the adue- tion of domestic and international market. It will boot the export of the turnes- ic, thereby enhancing the economy of the region, 'sold Kartikasyan added that in Tamil Nada and Puttaherry, people lack awareness about G1 tags. 'In TN, only Eancheepuran sub-stress, Tanjore art plates, Madurai amine Madurai Smoothis- ness. Salem manyos, Tanjore paintings, and Pathamatia- tal indication status, while many more products like Formelyeli halwa and Dm- ingal locks are yet to get this indication, though they are losed on particular regions in Tamil Nath He added that G1 tags will ensure these products are not deplicated in other places and merces the market for hor regional modes.	

## National award Holder-Subrata Halder- IP Facilitation

- Developed a low cost effective automatic wheel chair for the persons suffering from cerebral palsy.
- IP Facilitation Manufacturing assistance provided by CTTC.



### Geographical Indication filed for "Gajapati Date Palm Jaggery"



GajapatiDistrict isabout 300 Kms away from State Capital Bhubaneswar. The Date palm trees are abundantly available in hillsides of theGajapati district. GajapatiDate Palm Jaggery made by the SouraTribals of cottage industry is developed under Odisha Rajya Talgur Samabaya Sangha Ltd (ORTSS),Govt of Odisha Enterprise and about thousands of tribal people are engaged in production of Date palm Jaggery.

" Gajapati Date Palm

Jaggery<sup>n</sup> - GI Application No: 690has been facilitated and filed by Dr. P. Karthigeyan, IPR Expert, from CTTC, MSME-IPFC, Ministry of MSME, Govt. of India who has been authorized by Odisha RajyaTalgarSamabayaSangha Ltd (ORTSS), Govt of Odisha Enterprise.

Dr. P. Karthigeyan said "Date Palm Jaggery is a natural sweetener obtained from sweet juice (neera) of the Date Palm trees which is grown in natural climate. Gajapati Date palm Jaggeryis prepared in trapezoidal form called Pataligur. This jaggery is produced in traditional method and its purely organic in nature as no natural or synthetic colouring agents and artificial sweetening agents are added in this jaggery. The colour of Date Palm Jaggery is dark brown in nature. It has a unique taste and flavour. Samples of Date Palm JaggeryJaggery were tested in Central Govt laboratories to ascertain and establish the scientific and technical nature thereby yielding its Uniqueness. This jaggery is deligious and supplements the iron and vitamin deficiency. It also has a high and numerous medicinal value and used in preparation of Ayurvedic medicines for curing asthma, gastric disorders, cough etc. This jaggery is also used by the diabetic patients as it contains less sugar percent than sugar cane jaggery, crystal sugar and other sweetener agents. This Jaggery is rich in vitamins and natural minerals and also

more nutritive than other sweeteners".

Dr. P. Karthigeyan said, the unique scientific and technical characteristics of the date palm jaggery with respect to other sugarcane jaggery are it possess aPH-5.42 , Total Sugar-80.3%, Sucrose -65.10% Reducing Sugar -11.81%, Total Ash -4.7%, Iron-14.02 mg/100gm , Calcium -288.7 mg/ 100gm as per test results of different samples of date palm jaggery from central govt laboratories.

Dr. P. Karthigeyan said, the GI tag will take a year as it has to undergo so many stages by projecting their uniqueness from their scientific and technical aspects. The Grant of GI will help the govt to protect the interest of tribals, enhance their livelihood, employment and commercial exploitation.

### AN Granhi ETARC 200 d for " Galanati ROOT INNOVATOR WITH 140 PATEINI GRANTS- Udhab Bharali From Assam



### "Brigadier Ganesham"-The Mentor Behind Innovations That Won 13 President's Awards & 2 Padma Shris!



- This retired Army man has helped identify over 200 grassroots innovators behind brilliant utilitarian devices that can help solve dayto-day issues. India definitely needs more mentors like him!
- Organisation name- Palle Srujana
- Today, out of the two hundred innovations, 26 are ready for sale, 24 have patents, 13 have bagged President awards, and 2 received Padma Shri awards!

### "Chintakindi Mallesham"-<u>From weaver to engineer: Meet the</u> <u>Telangana man whose invention won him a Padma Shri</u>



- Invented Laxmi Asu Machine, which processes yarn, and has managed to reduce the time taken to weave a Pochampally sari to an hour-and-a-half, from about six hours when done manually.
- Recognition
- Rashtrapathi Award in 2009
- Mallesham was even named in Forbes' list of the seven most powerful rural Indians.
- 'Amazing Indian' award by Prime Minister Narendra Modi
- Padma Shri Awardee

## **IP awareness Quiz**

- 1) A company wishes to ensure that no-one else can use their logo.
- 2) A singer wishes to assign the rights to reproduce a video she made of her concert.
- 3) A new way to process milk so that there is no fat in any cheese made from it.
- 4) A company has decided to invest in packaging, which is distinctive, and they wish to ensure that they have sole use.
- 5) A company decides to keep its business idea confidential
- 6) A Farmer wants to protect the seeds of plant variety.
- 7)An engineer wants to protect the transistors and IC of circuit board.
- 8)A region wants to protect its specific reputed and unique characteristics ought to its environmental and Geographical Significance.

**THANK YOU!** Any further IP Facilitation for your innovative ideas, **Please contact** Dr. P. Karthigeyan Ph.D (IPR) Ph: +91-8917645142 Whatsapp: +91-9003522986 Mail Id: iprkarthi@gmail.com