



सत्यमेव जयते
DST

DEPARTMENT OF SCIENCE AND TECHNOLOGY

Govt. of India, New Delhi



TIFAC

COMPENDIUM ON IP ACTIVITIES UNDER PATENT FACILITATION PROGRAMME 2016-2019



Organized by

**PATENT INFORMATION CENTRE
TAMILNADU STATE COUNCIL FOR
SCIENCE AND TECHNOLOGY**

GOVT. OF TAMIL NADU



DST - PATENT FACILITATION PROGRAMME

Genesis of Patent Facilitation Programme (PFP) of DST :

Department of Science & Technology (DST) Government of India has been implementing Patent Facilitation Programme (PFP) from the year of 1995. Under the Programme Department has established Patent Facilitating Cell (PFC) at Technology, Information, Forecasting Assessment Council (TIFAC) (an autonomous body of the Department) and subsequently 26 Patent Information Centres (PICs) in various states. PFC's and PIC's are engaged in creating awareness and extend assistance on protecting Intellectual Property Rights (IPR) including patent, copyright, industrial design, geographical indication etc. at state level. These PICs have also established Intellectual Property Cells in Universities (IPCU's) of their respective states to enlarge the network. As of now 142 IPCU's have been created in different universities of the states. In addition, they are also mandated to provide assistance to the inventors from Govt. organizations, Central & State Universities, for patent searches to find out the potential and assessment of the invention. Further technical and financial assistance in filing, prosecuting and maintaining patents on sustained basis on behalf of Government R&D Institutes and Academic Institutions.

The details of the activities with regard to various forms of Intellectual Property Rights carried out under the DST-Patent Facilitation Programme (PFP) during the last 3 years (2016-17 to 2018-19) are given in two tables below:

Table 1 : PFC-TIFAC's Patent Facilitation Activities 2016-2017 to 2018-2019

S. No.	IP	Year	Number of requests received from Universities/ Institution	Number of IP filing, grant/registration	
				Application Filed	Granted / Registered
1.	Patents	2016-17	79	28	22
		2017-18	74	21	23
		2018-19	75	49	14
		Total	228	98	59
2.	Copyrights	2016-17	1	1	1
		2017-18	0	0	0
		2018-19	1	1	1
		Total	2	0	2
3.	Industrial designs	2016-17	3	3	0
		2017-18	0	0	3
		2018-19	0	0	0
		Total	3	3	3

Table 2 : PIC's activities, state-wise number of IP filings, grant/registration and other activities

S. No	IPR's State	Arunachal Pradesh	Assam	Chhattisgarh	Goa	Gujarat	Haryana	Himachal Pradesh	Karnataka	Kerala	Madhya Pradesh	Maharashtra	Manipur	Meghalaya	Mizoram	Nagaland	Odisha	Punjab	Rajasthan	Sikkim	Tamilnadu	Telangana	Uttarakhand	West Bengal	Total	
1	Patent filing requests received	4	111	41	Started in 2019	87	18	12	12	0	207	0	7	0	6	10	24	228	7	8	79	0	81	71	1013	
2	Patent Applications filed	1	18	10		23	18	6	11	0	2	0	2	0	0	1	5	9	0	0	4	1	1	3	115	
3	Patents Granted	0	2	0		0	2	2	0	4	1	0	0	0	0	0	1	11	1	0	0	0	0	0	10	34
4	Trademark filing requests received	0	28	10		5	74	0	6	0	5	0	9	0	7	0	0	1	0	1	8	0	9	5	168	
5	Trademark Applications filed	0	10	8		5	74	0	6	0	0	0	7	0	7	0	0	1	0	0	8	0	0	1	127	
6	Trademarks Registered	0	8	0		0	0	0	2	0	0	0	8	0	7	0	0	0	0	0	2	0	0	1	28	
7	Copyright filing requests received	0	13	2		1	8	3	1	0	7	0	3	0	0	0	3	4	0	1	35	0	18	0	99	
8	Copyright Applications filed	0	5	1		0	8	3	0	0	1	0	3	0	0	0	0	3	0	0	15	0	0	0	39	
9	Copyrights Registered	0	3	0		0	5	0	0	0	1	0	3	0	0	0	0	0	0	0	15	0	0	0	27	
10	Industrial Design filing requests received	0	4	2		5	16	1	2	0	12	0	0	0	0	0	1	12	0	0	10	0	3	0	68	
11	Industrial Design Applications filed	0	3	1		0	16	0	0	0	2	0	0	0	0	0	0	5	0	0	2	0	0	0	29	
12	Industrial Design Filings Granted	0	2	1		0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	7	

13	Geographical Indications filing requests received	0	2	0	6	1	0	140	0	0	0	0	0	0	5	5	6	0	4	1	1	0	1	13	185
14	Geographical Indication Applications filed	0	1	0	2	1	0	140	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	13	159
15	Geographical Indications Registered	0	1	0	0	1	0	2	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	10	16
16	New Plant Variety filing requests received	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
17	New Plant Variety Applications filed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	New Plant Variety Registered	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	IC Layout Designs filing requests received	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
20	IC Layout Designs Applications filed	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
21	IC Layout Designs Registered	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Awareness and Training by organizing IPR Camps, Workshops and Training Programmes																									
22	IPR camps	0	87	0	0	0	37	8	2	0	20	0	8	0	0	4	1	43	32	30	0	0	23	16	311
23	Awareness Programme organized	3	12	6	1	7	29	40	48	37	17	0	5	2	23	41	26	3	41	2	12	0	30	29	414
24	Short term training programme organized (more than 2 days)	0	1	0	0	5	0	0	0	0	0	1	0	0	0	1	0	0	3	0	1	0	0	1	13
25	No. of IPCU's created	5	1	0	0	5	8	8	15	0	10	5	4	0	6	5	7	15	10	8	13	3	8	6	142

PIC's in the State of Tripura, Uttar Pradesh and UT Jammu & Kashmir has not provided the input, however PIC is existing there.

**IP FACILITATION ACTIVITIES OF DST PATENT
FACILITATING CELL (CENTRE) PFC-TIFAC**

Patent Facilitation Cell- TIFAC:

DST through Patent Facilitation Cell (Centre) helps in filing and prosecuting patent and other IPR applications in India and in other countries on behalf of academic institutions and government R&D institutes. These patent and IP applications are drafted and filed through patent attorneys on the panel. The cost of filing these patents is borne by Department and patent/IP applications are filed in the name of inventing institute/s. Department conducted through patentability assessment in house for all the invention disclosure received by it.

Facilitation on filing of Patents during 2016-2019

DST through Patent Facilitation Centre has assessed the patentability of about 228 new cases for filing of patents on behalf of academic and government R&D institutions. Out of which 98 cases were found suitable and have been sent to attorneys for filing of new patent applications during 2016-2019. During the above period 59 patents (include 53 Indian and 6 foreign) were granted, the details are mentioned below:

Details of the Patents granted during the year 2016-2019:

Indian Patents				
S. No	Patent No.	Grant Date	Applicant	Title
1.	272480	04-04-2016	Department of Science and Technology(DST), New Delhi	An improved process for the Alkylation of phenols
2.	272564	08-04-2016	Department of Science and Technology(DST), New Delhi	An improved narrow gap gas metal arc welding torch
3.	272938	04-05-2016	University of Calcutta, Kolkata	Microencapsulated enzyme biosensor for pesticide
4.	273805	29-06-2016	Indian Institute of Technology Delhi	Engineered bamboo pipes made of radially split bamboo slats
5.	274256	25-07-2016	Indian Institute of Technology Kharagpur	A method of separation of pectin during membrane clarification of fruit juice for productivity improvement
6	274345	21-07-2016	Mumbai University Institute of Chemical Technology, Maharashtra	Novel mesoporous superacid catalyst
7.	275517	08-09-2016	M. S. University of Baroda, Gujarat	Liquid phase non-solvent oxidation of styrene with molecular oxygen
8.	196749	20-06-2016	Indian Institute of Technology Delhi	Process for the isolation and purification of a

				glycoprotein avidin
9.	275797	22-09-2016	University of Hyderabad, Telengana	Nanoparticles of apotrasferrin/transferring, pharmaceutical composition containing them and processes for their preparation
10.	276183	04-10-2016	Indian Institute of Technology Delhi	Polution preventing temperature sensitive lithographic ink composition and process for preparing the same
11	277138	11-11-2016	Indian Institute of Technology, Kharagpur	“Fire retardant intumescent high density rigid polyurethane foam for specialty Applications”
12	277274	16-11-2016	University of North Bengal, West Bengal	High liquid crystalline azoxy compounds and method of preparation
13	277832	01-12-2016	Panjab University, Kakatiya University & Council of Scientific & Industrial Research	Novel Thienopyridines as Pharmacologically Active Agents
14	278099	23-12-2016	Indian Institute of Technology	A clean process for the preparation of alkyl and aryl isothiocyanates.
15	278934	04-01-2017	University of Delhi	A process for extraction of bioactive psoralen compound
16.	279359	19-01-2017	Indian Institute of Technology	Evaporation induced lithography
17.	282062	30-03-2017	Himachal Pradesh University, Shimla	Transition Element Complexes Of Carbaryl and their Synthesis
18.	281500	20-03-2017	Rajiv Gandhi Centre For Biotechnology, Trivandrum	A synergistic anti-tumor composition
19	280792	28-02-2017	Dr. B.R. Ambedkar National Institute of Technology, Punjab	A leg exerciser machine
20	275416	13-01-2017	Punjabi University, Punjab	Microbial arginine biosensor
21.	282370	06-04-2017	Anna University, Chennai and University of Hyderabad	A process for manufacturing non-stoichiometric Titanium

				Nitride films
22.	282555	17-04-2017	Mumbai University Institute of Chemical Technology, Maharashtra	Development of novel nano-porous composite material
23.	284469	22-06-2017	Indian Institute of Technology Kharagpur	Stable dispersion of surface capped silver nano powder in hydrophilic medium with enhanced thermal conductivity
24.	285905	31-07-2017	Department of Science and Technology (DST), New Delhi	A novel solid state biosensor and a process for producing the same
25.	286815	30-08-2017	Punjabi University, Patiala	Rosaglitazone loaded brain permeable nano particles and method of preparation
26.	286818	30-08-2017	Punjab University, Chandigarh	Statin loaded brain permeable nano particles and method of Preparation
27.	287380	14-09-2017	Punjab University, Chandigarh	Non-staining, novel lecithinised coal tar formulation
28.	287615	21-09-2017	Indian Institute of Technology Kharagpur	A two-pulse synthesis (TPS) based method and system for DVP signal analysis
29.	288164	09-10-2017	Punjabi University, Patiala	Lipid Nano carrier based formulation for topical delivery of Etoricoxib
30.	288681	25-10-2017	Uttar BangaKrishi Viswavidyalya, Cooch Behar, West Bengal	Puffed rice with Vitamin B
31.	289198	03-11-2017	Veer Narmad South Gujarat University, Surat	Novel tetrahydropyrimidine compounds as anticancer agents and microwave assisted process for their preparation
32.	289453	10-11-2017	Indian Institute of Technology Delhi	A novel closed loop amplitude and frequency control of self excited induction generator (brushless generator)

				terminal voltage
33.	290406	08-12-2017	Indian Institute of Technology Delhi	Design and development of an instrument to measure cut resistance of fabric
34.	290771	18-12-2017	University of Allahabad, Allahabad	A culture medium for the growth of malassezia species
35.	291173	28-12-2017	Lovely Professional University, Phagwara	A drilling machine and a method of drilling
36.	291288	02-01-2018	Indian Institute of Technology, Kharagpur	Enzymatic transesterification of jatropa oil
37.	292833	12-02-2018	Department of Science and Technology(DST) and DurgaSewaSadon	Process for the preparation of a composition for the treatment of water
38.	295119	28-03-2018	University of Calcutta, West Bengal	Polymer electrode for glutathione detection
39	293876	06-03-2018	DayalBagh Educational Institute, Agra	A physico chemical process to enhance the sorption efficiency of leucaenaleucocephala seed powder
40	294947	26-03-2018	Department of Science and Technology(DST)	A process of preparing acyclic chiral trialcohels
41	296215	26-04-2018	University of Hyderabad, Telengana	A polymeric film embedded with silver nano particles and a method for preparing the same
42	298220	28-06-2018	Banaras Hindu University, Varanasi	A composition for controlling pasts infesting grains, comprising an effective amount of Melaleuca leucadendron and Carumcarvi
43	298981	19-07-2018	Centre For Earth Science Studies, Trivandrum	A low cost device for detecting neoplastic changes in tissue
44	300279	24-08-2018	G.B. Pant University of Agriculture & Technology, Pantnagar	Decontaminant formulation for farm-gate vegetables and process for preparing the same
45	300838	07-09-2018	Baba Banda Singh Bahadur Engineering College, Punjab	Erosion-Corrosion Resistant Coating for Power Plant Boilers
46	302643	30-10-2018	Pondicherry University, Puducherry	The inclined parallel stack continuously operable

				vermireactor
47	303292	20-11-2018	Indian Institute of Technology Kharagpur	A spindle assembly for micro-electrochemical/micro-electro-discharge machining set up
48	305849	18-01-2019	Indian Institute of Technology Delhi	A novel phase change material composition and a process for preparing same thereof
49	305383	04-01-2019	Baba Banda Singh Bahadur Engineering College, Punjab	Erosion corrosion resistant cold spray Coatings for boilers ni-20crticre
50	308381	28-02-2019	Rajiv Academy For Pharmacy, Uttar Pradesh	“Single step process for the preparation of Lipophilic conjugate of riboflavin”
51	308621	06-03-2019	Dayalbagh Educational Institute, Agra	Continuous gas fired annealing furnace
52	309461	19-03-2019	Guru Nanak Dev Engineering College, Punjab	Cryogenic treatment of brass wire for improved machining characteristics
53	310364	29-03-2019	Dayalbagh Educational Institute, Agra	Magnetically tunable planar microwave device on non-magnetic dielectric substrate and a method of magnetic tuning thereof

International Patents				
S. No	Patent No.	Grant Date	Applicant	Title
1.	US 9,305,204	04-05-2016	Indian Institute of Technology	Method and system to detect the microcalcifications in x-ray images using nonlinear energy operator
2.	CN103764671	21- 12-2016	M DU Rohtak	Polyvinyl Chloride Surface Co-Immobilized With Enzymes And Uses There of
3.	AU 2012317177	17.08.2017	Indian Institute of Technology Kharagpur	Venucane : An electronic travel aid for visually impaired and blind people
4.	EP 2641230	04.08.2017	Indian Institute of Technology Kharagpur	Method and apparatus for detection and removal of rain from videos using temporal and spatiotemporal properties
5	US 9,872,840	January 23, 2018	Delhi Institute of Pharmaceutica l Sciences and Research	Effect of <i>garcinol</i> in delaying the progression of diabetic nephropathy
6.	US 9,93305,204	03/04/2018	Indian Institute of Technology Kharagpur	An improved ultrasound imaging method/technique for speckle reduction in an improved ultra sound imaging system

Design registration in India

1	289216	30-10-2017	Lovely Professional University	PEN AND CARD HOLDER
2	289430	27-04-2018	Lovely Professional University	NECKLACE
3	289428	23-03-2018	Lovely Professional University	NECKLACE

**IP FACILITATION ACTIVITIES OF PATENT INFORMATION
CENTRES IN STATES**

PIC - ARUNACHAL PRADESH

Nodal Officer : C. D. Mungyak
 Designation : Director cum Member Secretary
 Phone No. : 9485235197
 Email : cd.mungyak@gov.in
 Year of creation : 2010

Staff Details

Sl.No	Name	Designation
1	Terpo Ronya	Scientist 'B'
2	Karuna Weingken	Project Scientist

Intellectual Property Filings and Grant / Registration

2016-2017							
	Patent	Trade mark	Copyright	Industrial Design	Geographical Indication	New Plant Varieties	IC Layout designs
Request received	2	-	-	-	-	-	-
Filed	-	-	-	-	-	-	-
Granted/Registered	-	-	-	-	-	-	-
2017-2018							
Request received	1	-	-	-	-	-	-
Filed	1	-	-	-	-	-	-
Granted/Registered	-	-	-	-	-	-	-
2018-2019							
Request received	1	-	-	-	-	-	-
Filed	-	-	-	-	-	-	-
Granted/Registered	-	-	-	-	-	-	-

Details of IP Filings

S.No.	IP	Details of the IP filed	
		Application Number/ Registration Number	Title
1	Patent	201731045614	An Intelligent Google for Visually Challenged People

Awareness Programmes Conducted

S.No.	Activity	Year	No. of programmes
4.	IPR Camps (One or two talks)	2016-17	-
		Total	-
5.	One/Two days IPR awareness programme organized	2016-17	-
		2017-18	1
		2018-19	2
		Total	3
6.	Short term training programme (more than 2 days) organized	2016-19	-

Details of the Programmes

Sl.No.	Program Title	Place	Dates
1	Two day workshop on IPR on awareness and its importance in growing world	Arunachal Pradesh Science Centre, Itanagar	25.05.2017-26.05.2017
2	One Day workshop on IPR on Geographical Indication	Arunachal Pradesh Science Centre, Itanagar	07.08.2018
3	One Day awareness workshop on IPR on the occasion of World IP Day Celebration.	Rajiv Gandhi University, Arunachal Pradesh	26.04.2019

IPR cells established in universities/ institutes - 5

Few Glimpses



Awareness workshop on IPR and its importance in growing world on 25-26 May 2017

PIC - ASSAM

Nodal Officer : Dr. Ranjit Kr. Barman
 Designation : Head (i/c), S & T Division
 Phone No. : 9435199577
 Email : rkb551@gmail.com
 Year of creation :2003

Staff Details

Sl.No	Name	Designation
1	Siddhartha Devnath	Scientist-C
2	Debasish Dutta	Scientist-B
3	Dipamani Baishya	Project Scientist

Intellectual Property Filings and Grant / Registration

2016-2017							
	Patent	Trademark	Copyright	Industrial Design	Geographical Indication	New Plant Varieties	IC Layout designs
Request received	32	10	1	1	-	-	-
Filed	7	4	1	-	1	-	-
Granted/Registered	1	1	1	1	-	-	-
2017-2018							
Request received	37	8	4	1	-	-	1
Filed	6	3	2	1	-	-	-
Granted/Registered	1	1	1	1	-	-	-
2018-2019							
Request received	42	10	8	2	1	-	-
Filed	5	3	2	2	-	-	-
Granted/Registered	-	6	1	-	1	-	-

Details of IP Filings

S.No	IP	Details of the IP filed	
		Patent Number/ Registration Number	Title
1	Patent	274802	A Novel Micro Light Propeller Hydroturbine & Process Thereof
		288407	Body Energy Converter Cum Power Pack

2	Trademark	3028823	Three Guys, device of heads of three monkeys
		3301862	BAJWI
		3444312	OUR
		3437072	A Logo
		3701299	IFR
		3689063	ORIGREEN
		3851650	Device of bird with daksha
		3836192	Khati Asomiya
3	Copyright	L-64288/2016	The Mogul
		SW-9593/2017	Allied Health
		SW-10801/2018	JuLi
4	Industrial Design	267479	Waste Segregation Bin
		296538	Game Board
5	Geographical Indication	558	Boka Chaul

Awareness Programmes Conducted

Sl. No.	Activity	Year	No. of programs
1.	IPR Camps (One or two talks)	2016-17	26
		2017-18	27
		2018-19	34
		Total	87
2.	One/Two days IPR awareness programme organized	2016-17	6
		2017-18	4
		2018-19	2
		Total	12
3.	Short term training programme (more than 2 days) organized	2016-17	---
		2017-18	1
		2018-19	---

Details of the Programmes

S.No.	Program Title	Place	Dates
1.	"Intellectual Property Rights Awareness Workshop for Handicrafts Cluster"	North Assam Chamber of Commerce & Industry (NACCI), Tezpur	15.03.2017
2.	"Intellectual Property Rights Awareness Workshop for Handicrafts Cluster"	North Assam Chamber of Commerce & Industry (NACCI), Tezpur	15.03.2017
3.	"Regional Workshop on Intellectual Property Rights"	Gauhati University	23.03.2018
4.	3-day training programme on "Patent specification, claims	Rajiv Gandhi National Institute of Intellectual Property	21.03.2018-23.03.2018

	writing with exercise”	Management (RGNIIPM), Nagpur	
5.	3-day training programme on “Patent specification, claims writing with exercise”	Rajiv Gandhi National Institute of Intellectual Property Management (RGNIIPM), Nagpur	21.03.2018-23.03.2018

IPR cells established in universities – 5

IPR study

S.No.	Title
1	IP Ecosystem in Assam
2	Patent- a protection mechanism for inventions
3	Innovation and Intellectual Property

Publications 2017-18

S.No.	Title	Author
1	Intellectual Property and its significance	Dr.R.K.Barman
2	Production of electricity from human body energy (In Assamese)	PIC & Dipu Boiragi
3	Assamese student’s invention published in patent journal (in Assamese)	PIC & Dipu Boiragi

Few Glimpses



PIC - CHHATTISGARH

Nodal Officer : Dr. K. Subramanayam
 Designation : Director General
 Phone No. : 9826148308
 Email : dgccost@gmail.com
 Year of creation : 2002

Staff Details

Sl.No	Name	Designation
1	Dr. Amit Dubey	Scientist 'D'

Intellectual Property Filings and Grant / Registration

(2016-2017)							
	Patent	Trademark	Copyright	Industrial Design	Geographical Indication	New Plant Varieties	IC Layout designs
Request received	10	-	1	-	-	-	-
Filed	3	-	1	-	-	-	-
Granted/Registered	-	-	-	-	-	-	-
(2017-2018)							
Request received	13	2	-	2	-	-	-
Filed	3	2	-	1	-	-	-
Granted/Registered	-	-	-	-	-	-	-
(2018-2019)							
Request received	18	8	-	-	-	-	1
Filed	2	8	-	-	-	-	1
Granted/Registered	-	-	-	1	-	-	-

Details of IP Filings

S.No	IP	Details of the IP filed	
		Application Number/Registration Number	Title
1	Patent	201621016393	Mobile Artificial Kidney Easy Dialysis
		201724022542	Self-operable, non-invasive, non-contact bio signal
		201721025305	Novel 5-[4-(2-Biphenyl-4-YL-2-Oxo-

			Ethoxy)-Benzylidene]-Thiazolidine-2,4-Diones, their synthesis and uses thereof
		201631037093	A Hair Care Composition
		201621019476	A process for producing methane gas from running waste water
		201821045831	Protective gel for tyres
		20182103455	Improved pipe joining assembly
		201721030719	Technology improvement of andrographolide from in-vitro culture of Chiretaa (<i>A. paniculata</i>)
2	Trademark	3337301	SHANTI SHREE (word)
		1149851	Forkwalk (Word, Logo)
		3193636	Molecular Diabetes Type 2 Kit
		3193637	Molecular Kidney Stone Kit
		3193638	Molecular Gall Bladder Stone Kit
		3193639	Molecular Power Kit
		3193640	Molecular Mineral Water
		3193641	Molecular Alkaline Mineral Water
3	Copyright	3127/2017-CO/SW	Chhattisgarh Soil Meteorological Information System (www.cgmetis.com)
4	Industrial Design	308185	Improved pipe joining assembly

Awareness Programmes Conducted

S.No.	Activity	Year	No. of programs
7.	IPR Camps (One or two talks)	2016-17	-
		2017-18	-
		2018-19	-
		Total	-
8.	One/Two days IPR awareness programme organized	2016-17	1
		2017-18	2
		2018-19	3
		Total	6
9.	Short term training programme (more than 2 days) organized	2016-19	-

Details of the Programs

Sl.No.	Program Title	Place	Dates
1	IPR workshop at Guru Ghasidas Central University (GGCU), Bilaspur	Guru Ghasidas Central University (GGCU), Bilaspur	26.02.2016 - 27.02.2016

2	One day Patent Clinic	Guru Ghasidas Central University (GGCU), Bilaspur	08.09.2016
3	IPR Workshop	Shri Shankaracharya Mahavidyalaya, Junwani, Bhilai	31.01.2018 - 01.02.2018
4	Current Need for Patent and Publication in Research for Global Recognition	Rungta College of Pharmaceutical Sciences and Research, Durg	09.03.2018 -10.03.2018
5	IPR Workshop	Chhattisgarh Swami Vivekananda Technical University, Durg	27.04.2018
6	Packaging and Marketing handcrafts of Chhattisgarh	Hastshilp Board, Pandri, Raipur	15.06.2018 -16.06.2018

State IPR Policy

Draft IPR policy for the state has been formulated and being vetted by the state departments for notification.

Institutional IP Policies

Draft Institutional IPR policy formulated and meeting with the State's leading institutions was held under the Chairpersonship of the then Director General, Chhattisgarh Council of Science and Technology Dr. K. Subramaniam, IFS. The institutions that adopted or in process of the adoption of the policy after the initiative of PIC, CCOST are NIT, IIIT, GGU, CSVTU, Pt. RSU and Bilaspur University.

Technology transfer for commercialization:

Technology	Inventor	Investor
Production of Methane gas as fuel from running drainage water	Shri Shyam Rao Shirke	RENCUT India Private Limited

Few Glimpses



PIC - GOA

Nodal Officer : Shri Deepak K. Parab
 Designation : Project Scientist (Environment)
 Phone No. : 9834553931
 Email : baiku17@rediffmail.com
 Year of creation :2003

Staff Details

Sl.No	Name	Designation
1	Madhuri M.Shetye	Project Scientist-I
2	Deepak Parab	Project Scientist (Env)

Intellectual Property Filings and Grant / Registration

2016-2017	Patent	Trademark	Copyright	Industrial Design	Geographical Indication	New Plant Varieties	IC Layout designs
Request received	-	-	-	-	-	-	-
Filed	-	-	-	-	-	-	-
Granted/Registered	-	-	-	-	-	-	-
2017-2018							
Request received	-	-	-	-	1 (renewal)	-	-
Filed	-	-	-	-	1 (renewed)	-	-
Granted/Registered	-	-	-	-	-	-	-
2018-2019							
Request received	-	-	-	-	5	2	-
Filed	-	-	-	-	3	2	-
Granted/Registered	-	-	-	-	-	-	-

Details of IP Filings

S.No	IP	Details of the IP filed	
		Application Number	Title
1	Geographical Indication	618	Khola Chilli

Awareness Programmes Conducted

Sl. No.	Program Title	Place	Dates
1	Two days Awareness workshop on Intellectual Property Rights highlighting registration process for patent and other IPRs	Nalanda hall, EDC, Panaji-Goa	27.10.2016-28.10.2016

Few Glimpses



PIC - GUJARAT

Nodal Officer : Dr. Narottam Sahoo
 Designation : Member Secretary
 Phone No. : 9426490755
 Email : adv-gujcost@gujarat.gov.in; pso-gujcost@gujarat.gov.in
 Year of creation : 2002

Staff Details

Sl.No	Name	Designation
1	Vandana Sirohi	Scientist C
2	Dr. Swayam Prakash Patel	Scientist B
3	Tejal Butani	Project Assistant

Intellectual Property Filings and Grant / Registration

2016-2017							
	Patent	Trademark	Copyright	Industrial Design	Geographical Indication	New Plant Varieties	IC Layout designs
Requests received	16	-		1	-		
Filed	10	-	-	-	-	-	-
Granted/Registered	-	-	-	-	-	-	-
2017-2018							
Requests received	15	2	-	-	1	-	-
Filed	4	2	-	-	1	-	-
Granted/Registered	-	-	-	-	-	-	-
2018-2019							
Requests received	56	3	1	4	-	-	-
Filed	9	3	-	-	-	-	-
Granted/Registered	-	-	-	-	1	-	-

Details of IP Filings

S.No	IP	Details of the IP filed	
		Application Number/Registration Number	Title
1	Patent	201721008772	Method of Preparation of Insulated panels and Insulated cooling structure

			thereof
		201721013906	A method of joining sandwich panels and the preparation of insulated structure thereof
		201721015360	A process for preparation of instant ready to make potato halwa
		201721011481	A device for supporting to the transport mean
		201821000075	Universal Vernier Calipers
		201721035720	A Method of separation of Iron, Silica and Alumina from flyash
		201821044424	An auto-seal mechanism and device for pipes carrying fluids
		201821010206	A complete solar based system for brewing hot beverages
		201821029816	A System and Process for Trapping Insects
		201821031045	Zipit Collapsible Water Bottle
		201821029816	Wind turbine power generation enhancement utilizing magnetic repulsion
		201821047632	Energy Efficient Gas Burners
		201821032128	Energy Efficient Cooking Vessels
		201821048877	Automatic Detachable Cycle Time and Output Calculator for Industrial Sewing Machine
		201821048583	Hand assistive device for deaf and dumb people
		201821048579	Manufacturing of paver blocks from waste plastic and other waste
		201821004408	Milk fat and quantity measurement device
2	Trademark	3814500	FITLICKS Nutrition LLP
		2032139	2 degree Cafe
		2159871	Bits & Board Tenchnologies
		3985971	Bits & Board Tenchnologies
		2195963	Ganatra Technologies Pvt. Ltd
3	Industrial Design	308107	Modular Water Tank
		311517	Gloves
4	Geographical Indication	328	Pethapur Printing Blocks

Awareness Programmes Conducted

S.No.	Activity	Year	No. of Programs
1.	IPR Camps (One or two talks)	2016-17	0
		2017-18	0
		2018-19	0
		Total	0
2.	One/Two days IPR awareness programme organized	2016-17	1
		2017-18	4
		2018-19	2
		Total	7
3.	Short term training programme (more than 2 days) organized	2016-19	5

Details of the Programmes

Sl.No.	Program Title	Place	Dates
1	Patent Analytics and Drafting	GUJCOST Office	26 th July, 2017
2	Orientation Workshop on National IPR Policy	Gujarat Science City	29 th – 31 st July 2019
3	World IP Day 2017	Gujarat Science City	26 th April 2017
4	World IP Day 2018	Gujarat Science City	26 th April 2018
5	World IP Day 2019	Gujarat Science City	26 th April 2019

IPR cells established in Universities - 5

Sl.No	Name	Place
1	The M.S. University of Baroda	Vadodara
2	Gujarat University	Ahmedabad
3	Sardar Patel University	Vallabh Vidyanagar
4	Saurashtra University	Rajkot
5	Sardar Krushinagar Dantiwada Agriculture University	Dantiwada

Publications

- 1) Training manual on orientation programme for National IPR Policy
- 2) Translation of National IPR Policy into Gujarati language
- 3) Poster design and publications in IP
- 4) IP awareness training material

Few Glimpses



PIC - HARYANA

Nodal Officer : Dr. Deepak Gupta
 Designation : Chief Scientific Engineer
 Phone No. : 0172-2570030; 098143-57655
 E-Mail : dkgchd@gmail.com
 Year of creation : 2005

Staff Details

Sl.No	Name	Designation
1	Dr. Rahul Taneja	Project Scientist

Intellectual Property Filings and Grant / Registration

2016-2017							
	Patent	Trademark	Copyright	Industrial Design	Geographical Indication	New Plant Varieties	IC Layout designs
Requests received	6	25	1	6	-	-	-
Filed	6	25	1	6	-	-	-
Granted/Registered	2	-	-	-	-	-	-
2017-2018							
Requests received	6	29	6	9	-	-	-
Filed	6	29	6	9	-	-	-
Granted/Registered	-	-	5	-	-	-	-
2018-2019							
Requests received	6	20	1	1	-	-	-
Filed	6	20	1	1	-	-	-
Granted/Registered	-	-	-	-	-	-	-

Details of the IP Filings

S.No	IP	Details of the IP filed	
		Patent Number/Registration Number	Title
1	Patent	275521	A kit for detection of adulteration of milk with soya milk
		103764671	Polyvinyl chloride surface co-immobilized with enzymes and uses thereof
2	Copyright	L-74665/2018	Process for curricular gaps identification and their compliance
		L-74689/2018	Process for conduct of internal exams
		L-74698/2018	Process for dissemination of vision mission and PEOs of the program
		L-75025/2018	Process for defining vision mission and PEOs of the program
		L-74696/2018	Teaching Learning Process

Awareness Programmes Conducted

S.No.	Activity	Year	No. of programmes
4.	IPR Camps (One or two talks)	2016-17	14
		2017-18	10
		2018-19	13
		Total	37
5.	One/Two days IPR awareness programme organized	2016-17	8
		2017-18	8
		2018-19	13
		Total	29
6.	Short term training programme (more than 2 days) organized	2016-19	--

Details of the programmes

Sl.No.	Program Title	Place	Dates
1.	National Workshop on IPR	Ch. Devi Lal University, Sirsa	21 st March 2017
2.	One Day Seminar on IPR Awareness	Ch. BansiLal University, Bhiwani, Haryana	24 th March 2017
3.	Workshop on Intellectual Property Awareness	ManavRachna International Institute of Research and Studies, Faridabad.	20 th March 2018
4.	Importance of Intellectual Property Rights in Science and Technology.	Jan Nayak Ch. Devi Lal Institute, Sirsa	31 st March 2018
5.	Second One day National Seminar on Importance of IPR	Pt. B. D. Sharma University of Health Sciences, Rohtak	21 st Nov 2018
6.	Need of IPR awareness in Higher Education Institution in current scenario	Markanda National college, Shahabad Markanda	30 th Mar 2019

IPR study/publications

S.No.	Title	Author
1.	IPR-The Backbone of Biotechnology	Dr. Rahul Taneja
2.	Think Before Copy: Copyright- A tool to protect piracy	Dr. Rahul Taneja
3.	Protect Your Invention: Intellectual Property Right	Dr. Rahul Taneja
4.	Get UP, Stand UP for Music World Intellectual Property Day 2015	Dr. Rahul Taneja
5.	Entrepreneurship and Intellectual Property Rights: Opportunities and Challenges	Dr. Rahul Taneja

IPR cells established in Universities/ Institutes - 8

PIC - HIMACHAL PRADESH

Nodal Officer : Shashi Dhar
 Designation : Senior Scientific Assistant
 Phone No : 9418026845
 Email : dhar_shashi2000@yahoo.com
 Year of creation : 1998

Staff Details

Sl.No	Name	Designation
1	Ritika Kanwar	Scientist-B
2	Mitankshi Sharma	Project Scientist

Intellectual Property Filings and Grant / Registration

2016-2017							
	Patent	Trademark	Copyright	Industrial Design	Geographical Indication	New Plant Varieties	IC Layout designs
Request received	4	-	2	-	40	-	-
Filed	4	-	2	-	5	-	-
Granted/Registered	1	-	-	-	-	-	-
2017-2018							
Request received	5	-	1	-	55	-	-
Filed	4	-	1	-	4	-	-
Granted/Registered	-	-	-	-	-	-	-
2018-2019							
Request received	3	-	-	1	45	-	-
Filed	3	-	-	-	7	-	-
Granted/Registered	1	-	-	-	2	-	-

Details of IP Filing

S.No	IP	Details of the IP filed	
		Application Number/Registration Number	Title
1	Patent	282062	Transition Element Complexes and their Synthesis

		315732	The transition metal carbamates of 4-methylpiperazine-1-carbamic acid with copper (II) and zinc (ii) and their synthesis
2	Geographical Indication	432	Himachali Kala Zeera
		468	Himachali Chulli Oil
3	Copyright	SW-8930/2016	Retrofitting E chakri is a mobile application on android platform for guiding non engineering aspects of retrofitting of buildings in Himachal Pradesh from earthquake resistance point of view
		SW-8931/2016	Bhukamp rodhi echakri Himachal Pradesh Ke Jilon Ke Liye Bhukamp Pratirodhi Gair Engineering Bhawan Retrofitting Marg Nirdeshika
		L-73689/2018	Himachal Pradesh ke Pradhanacharyon ke liye Vidyalaya Nirman Kanrya Marg Nirdehsika

Awareness Programmes Conducted

S.No.	Activity	Year	No. of programmes
1.	IPR Camps (One or two talks)	2016-17	2
		2017-18	3
		2018-19	3
		Total	8
2.	One/Two days IPR awareness programme organized	2016-17	10
		2017-18	13
		2018-19	17
		Total	40
3.	Short term training programme (more than 2 days) organized	2016-19	-

Details of the Programmes

2016-2019				
Sl.No.	Program Title	Place	Dates	Number of days
1	Workshop on “Geographical Indications”	Chamba	13.6.2018	1
2	Awareness Workshop on “Geographical Indications” for Kinnauri Shawl, Himachali Kaala Zeera, Himachali Chulli Oil	Reckong Peo, Distt. Kinnaur	29.06.2018	1
3	Creating Value Through Geographical Indications	Kullu	03.08.2018	1
4	Awareness Workshop on Geographical indications	Rajgarh	28.11.2018	1
5	Awareness Workshop on Geographical Indications of Himachal Pradesh	Palampur	13.02.2019	1
6	Exhibition on Geographical Indications Potential GIs of Himachal Pradesh	Indira Gandhi State Sports Complex, The Mall, Shimla	05.01.2019-07.01.2019	3

IPR cells established in universities – 8

Sl.No	Name of university
1	HPU Shimla
2	Jaypee University of Information Technology
3	Shoolini University, Solan
4	CSK HPKV Palampur
5	Eternal University
6	Chitkara University
7	Bahra University
8	Y.S Parmar University of Horticulture and Forestry, Nauni Solan

PIC - KARNATAKA

Nodal Officer : Dr. Deepak Gupta
 Designation : Chief Scientific Engineer
 Phone No : 080-23341652
 Email : office@kscst.iisc.ernet.in
 Year of creation : 2002

Staff Details

Sl.No	Name	Designation
1.	B. Vivek Anand Sagar	Consultant
2.	Mohan S. G.	Consultant

Intellectual Property Filings and Grant / Registration

2016-2017							
	Patent	Trademark	Copyright	Industrial Design	Geographical Indication	New Plant Varieties	IC Layout designs
Request received	1	-	1	2			
Filed	1	-	-	-	-	-	-
Granted/Registered	-	-	-	-	-	-	-
2017-2018							
Request received	8	-	-	-			
Filed	8	-	-	-	-	-	-
Granted/Registered	-	-	-	-	-	-	-
2018-2019							
Request received	3	6	-	-			
Filed	3	6	-	-	-	-	-
Granted/Registered	-	6	-	-	-	-	-

Details of IP Filing

S.No	IP	Details of the IP filed	
		Application Number/Registration Number	Title
1	Patent	201841047510	Sesquiterpene Compounds
		201941022817	Battery Operated Mosquito Repeller Device
		201811038438	Method for data partitioning
		201711043600	Device free localization technology
		201711045957	Wireless Control System

			And Method
		201711045956	IOT based automated canal irrigation system and a method for the same
		201711017089	IOT based smart safety solar helmet
		201741046420	Mobile equipment and a modelling method using natural mating algorithm (NMA)
		201741018352	Drainage Overflow Monitoring System And A Method For The Same
		201741035875	Drainage “Mileage Measurement And Fuel Forecast System With Fuel Tracking Provision And A Method Thereof”
		201641034991	Power operated aloe vera leaf slicing machine
2	Trademark	3853730	NAARA
		3878358	FLOAP
		420149	Investography
		4201495	Investography conversation about mone
		4195201	PET talks
		4129854	Eatrepeat

Awareness Programmes Conducted

S.No.	Activity	Year	No. of programmes
4.	IPR Camps (One or two talks)	2016-17	-
		2017-18	2
		2018-19	-
		Total	2
5.	One/Two days IPR awareness programme organized	2016-17	19
		2017-18	9
		2018-19	20
		Total	48

6.	Short term training programme (more than 2 days) organized	2016-19	-
		Total	-

Details of the Programmes

2016-2019				
Sl.No	Program Title	Place	Dates	Number of days
1.	Half day IPR awareness program	Sairam college of Engineering, Anekal	21.02.2017	1
2.	Half day IPR awareness program	SJCIT, Chikkabalapur	28.03.2017	1
3.	IPR Awareness Programme	VTU Center Chikkaballapura	07.04.2018	1
4.	IPR Cell inauguration	KSCST-SJEC IPR cell	21.02.2019	1
5.	IPR Cell inauguration	Gogte Institute of Tech. – KSCST IP Cell	-	-
6.	IPR Cell inauguration	Ramaiah IP Cell in association with KSCST	28.02.2019	1

IPR cells established in universities/ colleges – 15

Sl.No	Name
1.	GM Institute of Technology, Davangere
2.	Sahyadri College of Engineering & Management, Mangalore
3.	DSATM-KSCST-IPR cell
4.	SU IPR cell
5.	KSCST-SJEC IPR cell
6.	Gogte Institute of Technology – KSCST IP Cell
7.	Ramaiah IP Cell in association with KSCST

IPR study

Protection and Enforcement of Intellectual Property Rights in Outer-Space: Development, Issues and Challenges by B Vivek Anand Sagar.

Other Significant Contributions

Popularization of Intellectual Property Rights through use of Technology:

The Council has established a Multi-media Studio cum Video Conferencing Centre at the Council. This facility is being used (i) to stream and record lectures of eminent scientists for access by students in schools/ colleges all over the state and beyond (ii) for interactive meets (iii) video conferencing (iv) for interim evaluation of Student Project Programme projects in different nodal centers / institutions and interaction with NRDMS Officials in the districts, and (v) to deliver technical lectures and experiments to the VL schools, etc.

Few Glimpses



Group Photo at KSCST - GMIT IPR Cell inauguration at GM Institute of Technology, Davangere

PIC - KERALA

Nodal Officer : Dr. Ajit Prabhu V.
 Designation : Senior Principal Scientist
 Phone No : 0471-2548252, 2543234
 Email : prabhu.kscste@kerala.gov.in
 Year of creation : 2003

Staff Details

Sl.No	Name	Designation
1.	Arun Alfred	Project Scientist
2.	Vishnu V.A	Project Fellow

Intellectual Property Filings and Grant / Registration

2016-2017							
	Patent	Trademark	Copyright	Industrial Design	Geographical Indication	New Plant Varieties	IC Layout designs
Request received	-	-	-	-	-	-	-
Filed	-	-	-	-	-	-	-
Granted/Registered	2	-	-	-	-	-	-
2017-2018							
Request received	-	-	-	-	-	-	-
Filed	-	-	-	-	-	-	-
Granted/Registered	1	-	-	-	-	-	-
2018-2019							
Request received	-	-	-	-	-	-	-
Filed	-	-	-	-	-	-	-
Granted/Registered	1	-	-	-	-	-	-

Details of IP Filing

S.No	IP	Details of the IP filed	
		Patent Number	Title
1	Patent	279781	A device and method for collecting water samples

		281500	A Synergistic Anti-Tumor Composition
		286230	A Cu(II) carbohydrazone complex, processes, compositions, and applications thereof
		298981	A low cost device for detecting neo plastic changes in Tissue

Awareness Programmes Conducted

S.No.	Activity	Year	No. of programmes
1.	IPR Camps (One or two talks)	2016-17	-
		2017-18	-
		2018-19	-
		Total	-
2.	One/Two days IPR awareness programme organized	2016-17	7
		2017-18	13
		2018-19	17
		Total	37
3.	Short term training programme (more than 2 days) organized	2016-19	-

Details of the programmes

Sl.No.	Program Title	Place	Dates	Number of days
1	National Workshop on 'Intellectual Property Rights and Patent Registration'	Kottayam Institute of Technology and science, Centre for innovation and Entrepreneurship Development, Kottayam.	21.04.2016	1
2	Workshop on "An Insight to Intellectual Property Rights"	St. Peter's College Kolenchery	21.03.2017	1
3	Workshop on 'Intellectual Property Rights'	St. Joseph's College, Irinjalakuda	15.03.2018	1
4	Workshop on	National Institute of	16.03.2018-	2

	‘Intellectual Property Rights’	Technology, Calicut	17.03.2018	
5	Seminar on ‘Intellectual Property Rights’	MSM College, Kayamkulam	28.01.2019	1
6	National Seminar on ‘Intellectual Property Rights’	St. Gregorios College, Kottarakkara	28.05.2019	1

Publications

S.No.	Title	Author
1	Role of awareness creation in enhancing the Intellectual Property output	Safikh S. and Ajit Prabhu V.
2	Role of IPR awareness on generation of IP output	Asha S., Safikh S. and Ajit Prabhu V.

Few Glimpses



PIC - MADHYA PRADESH

Nodal Officer : Dr. N.K. Choubey
 Designation : Senior Principal Scientist & Incharge
 Phone No : 0755-2433120, 2671605
 Email : picmpcst97@gmail.com
 Year of creation :1998

Staff Details

Sl.No	Name	Designation
1.	Dr. N. K. Choubey	Senior Principal Scientist & Incharge
2.	Ambrish Shukla	Project Scientist

Intellectual Property Filings and Grant / Registration

2016-2017							
	Patent	Trademark	Copyright	Industrial Design	Geographical Indication	New Plant Varieties	IC Layout designs
Request received	67	1	2	3	-	-	-
Filed	2	-	1	2	-	-	-
Granted/Registered	-	-	-	1	-	-	-
2017-2018							
Request received	67	2	3	5	-	-	-
Filed	-	-	-	-	-	-	-
Granted/Registered	-	-	1	-	-	-	-
2018-2019							
Request received	73	2	2	4	-	-	-
Filed	-	-	-	-	-	-	-
Granted/Registered	1	-	-	1	-	-	-

Details of IP Filing

S.No	IP	Details of the IP filed	
		ApplicationNumber/ Registration Number	Title
1	Patent		Navodaya-Building Cooling

		306061	System
2	Copyright	L-65858/2017	Gregorian Se Uljhi Hindustan se Suljhi Indian Shot to Gregorian Knot 10 lakh varshiya bhartiya calendar Gandna
3	Industrial Design	284461	Portable Seat
		279079	Furnace For Funeral Pyre

Awareness Programmes Conducted

S.No.	Activity	Year	No. of programmes
7.	IPR Camps (One or two talks)	2016-17	5
		2017-18	8
		2018-19	7
		Total	20
8.	One/Two days IPR awareness programme organized	2016-17	4
		2017-18	6
		2018-19	7
		Total	17
9.	Short term training programme (more than 2 days) organized	2016-19	-

Details of the programmes

2016-2019				
Sl.No.	Program Title	Place	Dates	Number of days
1.	Intellectual Property Rights	Govt. Excellence Higher Secondary School, Vidisha	06.02.2016	1
2.	Intellectual Property Rights	Govt. Higher Secondary School, Mahuakheda, dist. Raisen (M.P.)	06.09.2016	1
3.	Intellectual Property Rights	Govt. Higher Secondary School, Chunahajuri, dist. Betul (M.P.)	22.02.2017	1

4.	Intellectual Property Rights	National Seminar of Awareness of Intellectual Property Rights (NSIPR-2018)	28.03.2018	1
5.	Intellectual Property Rights	SAGE University, Indore (M.P.)	08.10.2018	1
6.	Intellectual Property Rights	Rabindranath Tagore University (formerly AISECT University), Bhopal (M.P.)	19.03.2019-20.03.2019	2

IPR cells established in universities/ colleges – 10

Publications

S.No.	Title	Author
1	Innovations and Intellectual Property Rights Scenario in Madhya Pradesh	Dr. N. K. Choubey, Dr. Neeta Choubey, Ambrish Shukla
2	A study of Some Important Geographical Indications of Madhya Pradesh	Dr. N. K. Choubey, Dr. Neeta Choubey, Ambrish Shukla

Few Glimpses



PIC - MAHARASHTRA

Nodal Officer : Dr. Vrushali Kulkarni
Designation : Senior Scientific Officer
Phone No : 022-22024711/22024755
Email : rgstcmaha@gmail.com
Year of creation : 2013

Staff Details

Sl.No	Name	Designation
1.	Harshal Vashi	Scientist-B
2.	Priyanka Sagwekar	Project Scientist-I
3.	Priyanka Shinde	Project Scientist-I

Awareness Programmes Conducted

S.No.	Activity	Year	No. of programmes
1.	IPR Camps (One or two talks)	2016-19	-
2.	One/Two days IPR awareness programme organized	2016-19	-
3.	Short term training programme (more than 2 days) organized	2016-19	1

Details of the Programmes

2016-2019				
Sl.No.	Program Title	Place	Dates	Number of days
1.	Two Days Training Programme for IPR Cells in Universities of Maharashtra.	RGSTC,Mumbai	11.06.2019-12.06.2019	2

IPR cells established in universities - 5

Sl.No	Name	Place
1.	The Punyashlok Ahilyadevi Holkar Solapur University, Solapur	Solapur
2.	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Aurangabad

3.	Swami Ramanand Teerth Marathwada University, Nanded	Nanded
4.	Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	Nagpur
5.	Sant Gadge Baba Amravati University, Amravati	Amravati

PIC - MANIPUR

Nodal Officer : Th. Surendranath Singh
 Designation : Director
 Phone No : 0385-2443451, 9436032415
 Email : mastec@nic.in
 Year of creation :1998

Staff Details

Sl.No	Name	Designation
1.	Dr. R.K. Pritamjit Singh	Scientific Officer
2.	Leimapokpam Surjit Singh	Junior Research Fellow

Intellectual Property Filings and Grant / Registration

2016-2017							
	Patent	Trademark	Copyright	Industrial Design	Geographical Indication	New Plant Varieties	IC Layout designs
Request received	4	2	-	-	-	-	-
Filed	-	-	-	-	-	-	-
Granted/Registered	-	-	-	-	-	-	-
2017-2018							
Request received	2	5	-	3	-	-	-
Filed	1	5	-	3	-	-	-
Granted/Registered	-	3	-	-	-	-	-
2018-2019							
Request received	1	2	-	-	-	-	-
Filed	1	2	-	-	-	-	-
Granted/Registered	-	5	-	3	-	-	-

Details of IP filings

S.No	IP	Details of the IP filed	
		Application Number/Registration Number	Title
1	Patent	201731028511	A percussion instrument
		201831038883	A percussion instrument
2	Trademark	3552796	L Y S
		3547726	Ching-Choom
		3097086	KANGLEI ESHING

		3567569	Mapu-Ahum Hair Oil
		3922392	CHANU
		2685914	HB
		3609480	IMA CHENGHI
		3948890	Machang
		3692769	MAHAO
3	Industrial Design	300090	Biomass Grinder
		301872	Briquette Moulder
		301374	Cooking Stove

Awareness Programmes Conducted

S.No.	Activity	Year	No. of programmes
7.	IPR Camps (One or two talks)	2016-17	-
		2017-18	2
		2018-19	6
		Total	8
8.	One/Two days IPR awareness programme organized	2016-17	2
		2017-18	1
		2018-19	2
		Total	5
9.	Short term training programme (more than 2 days) organized	2016-19	-

Details of the Programmes

2016-2019				
Sl.No.	Program Title	Place	Date	Number of days
1.	Observation of WIP Day 2016	National Institute of Electronics and Information Technology Akampat, Imphal	26.04.2016	1

2.	Observation of WIP Day 2017	Imphal College, Imphal	26.04.2017	1
3.	Observation of WIP Day 2018	National Institute of Electronics and Information Technology Akampat, Imphal	26.04.2018	1
4.	HASTKALA SAHYOG SHIVIR	Haoreima Sampubi Community Hall, Yaingangpokpi	09.02.2019	1
5.	One day workshop on Intellectual Property Right	IPR Cell, National Institute of Electronics and Information Technology Akampat, Imphal.	29.03.2019	1

IPR cells established in universities/colleges: 4

Few Glimpses



PIC - MEGHALAYA

Nodal Officer : A. S. Suting
 Designation : Officer on Special Duty
 Phone No. : 09436117434
 Email : stcouncilmegh@yahoo.com
 Year of creation :2017

Staff Details

Sl.No	Name	Designation
1.	Banteibor Lyngkhoi	Project Coordinator
2.	Jolie V. Kharbuki	Multi Tasking Tech. Asst.
3.	Ridonhok Khongsar	Assistant Programme Officer

Awareness Program Conducted

2018-2019				
Sl.No.	Program Title	Place	Dates	Number of days
1.	National Symposium on Intellectual Property Rights In context of Traditional knowledge and Biodiversity	Martin Luther Christian University, Shillong- 793006	6.12.2018 - 7.12.2018	2

Few Glimpses



PIC - MIZORAM

Nodal Officer : Dr. R.K. Lallianthanga
 Designation : Chief Scientific Officer & Member Secretary
 Phone No. : 0389-2336159, 0389-2336787(Fax)
 Email : cso.dst-miz@gov.in
 Year of creation :2009

Staff Details

Sl.No	Name	Designation
1	C. Laltlanzuala	Scientist B
2	Lalruatfela Renthlei	Project Scientist

Intellectual Property Filings and Grant / Registration

2016-2017							
	Patent	Trademark	Copyright	Industrial Design	Geographical Indication	New Plant Varieties	IC Layout designs
Request received	1	3	-	-	-	-	-
Filed	-	1	-	-	-	-	-
Granted/Registered	-	1	-	-	-	-	-
2017-2018							
Request received	5	3	-	-	5	-	-
Filed	-	4	-	-	-	-	-
Granted/Registered	-	2	-	-	-	-	-
2018-2019							
Request received	-	1	1	-	-	-	-
Filed	-	2	-	-	-	-	-
Granted/Registered	-	4	-	-	-	-	-

Details of IP Filings

S.No	Intellectual Property	Details of the IP filed	
		Application Number/Registration Number	Title
1	Copyright	L-81550/2019	Scientist Hmingthangte
2	Trademark	1485880	Aizawl thunders forever young
		3457940	Device Mark
		1658628	Folkland
		1653791	Folkland
		1870695	Occasional nerd
		1875842	Occasional Nerd
		2006370	AAWB

Awareness Programmes Conducted

S.No.	Activity	Year	No. of programmes
1.	IPR Camps (One or two talks)	2016-17	-
		2017-18	-
		2018-19	-
		Total	-
2.	One/Two days IPR awareness programme organized	2016-17	11
		2017-18	8
		2018-19	4
		Total	23
3.	Short term training programme (more than 2 days) organized	2016-19	-

Details of the Programmes

Sl.No.	Program Title	Place	Dates
1	Patent Awareness Workshop	Directorate of Science & Technology	16 November, 2016
2	Hastkala Sahyog Shivir	Samlukhai village	-
3	Handloom, Food and Flower Show	Mizoram University Auditorium	-

4	IPR & Patent	Botany Dept, Pachhunga University College.	-
5	IPR and Patent	Botany Dept, Pachhunga University College	-
6	Grassroot Innovators Meet cum IPR Awareness	Mizoram Science Centre, Aizawl	-

IPR cells established in universities – 6

Few Glimpses



PIC - NAGALAND

Nodal Officer : Dr. Nesatalu Hiese
 Designation : Scientist 'D'
 Phone No. : 9856072064
 Email : nhiese@rediffmail.com
 Year of creation :2011

Staff Details

Sl.No	Name	Designation
1	Gihukali Chishi	Technical Assistant
2	Kekuneil Ltu	Scientist 'B'
3	Nesatalu Hiese	Scientist 'D'
4	Tsope Medo	Project Scientist

Intellectual Property Filings and Grant / Registration

2016-2017							
	Patent	Trademark	Copyright	Industrial Design	Geographical Indication	New Plant Varieties	IC Layout designs
Request received	4				1		
Filed	-	-	-	-	1	-	-
Granted/Registered	-	-	-	-	-	-	-
2017-2018							
Request received	3				3		
Filed	-	-	-	-	3	-	-
Granted/Registered	-	-	-	-	1	-	-
2018-2019							
Request received	3				1		
Filed	2	-	-	-	-	-	-
Granted/Registered	-	-	-	-	-	-	-

Details of IP Filings

S.No	Intellectual Property	Details of the IP filed	
		Application Number/Registration Number	Title
1	Geographical Indications	542	Chakhesang Shawls
		450	Naga Angami Shawl
		452	Naga Sumi Shawl
		451	Naga Ao Shawl

Awareness Programmes Conducted

S.No.	Activity	Year	No. of programmes
1.	IPR Camps (One or two talks)	2016-17	3
		2017-18	1
		2018-19	-
		Total	4
2.	One/Two days IPR awareness programme organized	2016-17	12
		2017-18	16
		2018-19	13
		Total	41
3.	Short term training programme (more than 2 days) organized	2016-19	1

Details of the Programmes

Sl.No.	Program Title	Place	Dates	Number of days
1	One day workshop - “Awareness on IPR and its various form”	Government Higher Secondary School, Mokochung	07.09.2017	1
2	One day workshop a. Theme/Title of event: “Awareness on IPR and Traditional Knowledge”	Patkai Christian College, Seithekema	01.03.2019	1
3	One day workshop: “Awareness on IPR and its various form”	Kohima Science College	01.02.2019	1
4	One day workshop: Naga International Trade Fair and Summit: “ Meet in Nagaland”	Agri Expo Complex, Dimapur	20.02.2019- 23.02.2019	4

IPR cells established in universities – 5

Sl.No	Name	Place
1	NU-SET	Dimapur
2	Patkai Christian College	Seithekema
3	Kohima Science College	Jotsoma

4	Directorate of Industries and Commerce	
5	NU	Lumami

Few Glimpses



PIC - ODISHA

Nodal Officer : Mr. Rashid Khan IAS
 Designation : Director, Science & Technology
 Email : odishapic@gmail.com
 Year of creation :2012

Staff Details

Sl.No	Name	Designation
1.	Dr. Susanta Kumar Rout	Project Scientist-1

Intellectual Property Filings and Grant / Registration

2016-2017							
	Patent	Trademark	Copyright	Industrial Design	Geographical Indication	New Plant Varieties	IC Layout designs
Request received	3	-	-	-	1	-	-
Filed	-	-	-	-	-	-	-
Granted/Registered	-	-	-	-	-	-	-
2017-2018							
Request received	15	-	3	1	1	-	-
Filed	1	-	-	-	-	-	-
Granted/Registered	-	-	-	-	-	-	-
2018-2019							
Request received	6	-	-	-	4	-	-
Filed	4	-	-	-	-	-	-
Granted/Registered	1	-	-	-	-	-	-

Details of IP Filings

S.No	Intellectual Property	Details of the IP filed	
		Application Number/ Registration Number	Title
1	Patent	201731016236	Circularly-Polarized Antenna For Multi-Frequency Operation
			Development of compact Micro strip antenna for multi-frequency operation using single dielectric layer, single transmission in the feed
			Thermoelectric air

			conditioning system for helmet using solar energy
			A triple band polarization insensitive X-band Metamaterial absorber for military applications
			Collection of water from moist air by peltier device powered by solar panels
		305823	Raw stone apple slicer

Awareness Programmes Conducted

S.No.	Activity	Year	No. of programmes
1.	IPR Camps (One or two talks)	2016-17	-
		2017-18	-
		2018-19	1
		Total	1
2.	One/Two days IPR awareness programme organized	2016-17	5
		2017-18	13
		2018-19	8
		Total	26
3.	Short term training programme (more than 2 days) organized	2016-19	-

Details of the Programmes

Sl.No.	Program Title	Place	Dates
1	Awareness generation on Intellectual Property Rights	Orissa Engineering College, Odisha	08.03.2019
2	Awareness generation on Intellectual Property Rights	Odisha Bigyan Academy, Bhubaneswar	07.03.2019
3	Role on Intellectual Property Rights in the	IIT, Bhubaneswar	27.03.2018

	Society		
4	Awareness generation on Intellectual Property Rights	IGIT, Sarang, Dhenkanal	08.03.2018
5	Role on Intellectual Property Rights in the Society	NIT, Rourkela	27.12.2017
6	Awareness generation on Intellectual Property Rights	Berhampur University, Bhanja Bihar, Berhampur, Ganjam, Odisha	10.11.2016

IPR Cells Established in Universities - 7

IPR Study

1. A brief review on intellectual property rights with special attention on patent.
2. Intellectual property rights and its application toward pharmaceutical industry with special reference in India

Few Glimpses



PIC - PUNJAB

Nodal Officer : Ms. Divya Kaushik
 Designation : Scientist (PIC/TISC)
 Phone No. : 8146676069
 Email : divya.kaushik@punjab.gov.in
 Year of creation :1998

Staff Details

Sl.No	Name	Designation
1	Mr. Gurharminder Singh	Incharge (PIC)
2	Ms. Divya Kaushik	Scientist (PIC)
3	Anju Choudhary	JRF
4	Dr. Kulwinder Singh	Project Scientist
5	Mr. Baljinder Singh Kauldhar	Project Associate

Intellectual Property Filings and Grant / Registration

2016-2017							
	Patent	Trademark	Copyright	Industrial Design	Geographical Indication	New Plant Varieties	IC Layout designs
Request received	77	1	1	9	2		
Filed	7	1	1	5	2	66	-
Granted/Registered	3	-	-	-	-	-	-
2017-2018							
Request received	77		2	3			
Filed	4	-	-	2	-	2	-
Granted/Registered	7	-	-	-	-	-	-
2018-2019							
Request received	74		1	-			
Filed	1	-	1	-	-	-	-
Granted/Registered	1	-	-	-	-	22	-

Details of IP Filings

S.No	Intellectual Property	Details of the IP granted	
		Application Number/Registration Number	Title
1	Patent	275416	Microbial Arginase biosensor
		277832	Novel thienopyridines as pharmacologically active agents
		280792	A Leg Exercise Machine
		286815	Rosaglitazone loaded brain permeable nanoparticles and method of preparation
		286818	Statin Loaded Brain Permeable Nanoparticles and Method of Preparation
		287380	Novel acid addition salts of enalapril
		287573	Biosensor for estimation of insulin
		288164	Lipid nano carrier based formulation for topical delivery of etoricoxib
		291173	Square whole drilling machine
		290424	Colloidal composition of griseofulvin
		300838	Erosion-Corrosion Resistant Coating For Power Plant Boilers 75cr3 - C2-25 Nocr88wc -12cosi
2	Copyright	L-62691/2015	Literary work "Biovirtual theory"
		L-62958/2015	Literary work "Cyborg within reach"
		L-75756/2018	Dhi Da Suneha
3	Trademark	936072	TACO herbal Ice Cubes
4	Industrial Design	289216	Pen and Card Holder
		289215	Card Holder
		289428	Necklace
		289429	Necklace
		289430	Necklace

Awareness Programmes Conducted

S.No.	Activity	Year	No. of programmes
1.	IPR Camps (One or two talks)	2016-17	19
		2017-18	12
		2018-19	12
		Total	43
2.	One/Two days IPR awareness programme organized	2016-17	1
		2017-18	2
		2018-19	-
		Total	
3.	Short term training programme (more than 2 days) organized	2016-19	-
		Total	-

Awareness Programmes Conducted

Sl.No.	Title of event	Place of Organisation	Date of event
1.	Celebration of IP Day 2016	Panjab University (PU), Chandigarh	26th April, 2016
2.	Brainstorming session for Implementation of National IPR (NIPR) Policy	PSCST, Chandigarh	17 th January, 2017
3.	Innovation Improving Lives"	Panjab University, Chandigarh	24 th April 2017
4.	IPR awareness & commercialization Workshop	Ramaiah Institution, Bangaluru	28 th & 29 th January, 2018
5.	IPR Awareness Workshop at PGIMER, Chandigarh	Chandigarh College of Engineering & Technology, Chandigarh	13 th Feb, 2019

IPR cells established in universities – 15

IPR Study

S. No.	Title	Author
1	Popular Biotechnology Lecture Series on Innovations ; IPRs in Biotechnology: Overview of IPRs & Some Case Studies	Gurharminder Singh, Divya Kaushik and Kulwinder Singh
2	Adoption of Technology Innovation Support Centre (TISC) Network of WIPO in India in Mapping Patents & Research Publications of Higher Education Institutes & National R & D Laboratories of India	JK Arora, Gurharminder Singh, Divya Kaushik and Kulwinder Singh
3	Patenting trends in the bicycle sector in the last decade (IP Technology Scan Report)	

Few Glimpses



PIC - RAJASTHAN

Nodal Officer : Dr. Manu Sikarwar
 Designation : Project Director
 Phone No. : 9602021344, 9414256205
 Email : smannu1975@gmail.com
 Year of creation : 1997

Staff Details

Sl.No	Name	Designation
1	Dr. Manu Sikarwar	Project Director
2	Shri Abhishek Singh Kilak	Project Officer
3	Shri Vijendra Badiwal	IA
4	Dr. Pratibha Sharma	KIRAN IPR
5	Ms. Rita Kumari	KIRAN IPR

Intellectual Property Filings and Grant / Registration

2016-2017							
	Patent	Trademark	Copyright	Industrial Design	Geographical Indication	New Plant Varieties	IC Layout designs
Request received	-	-	-	-	-	-	-
Filed	-	-	-	-	-	-	-
Granted /Registered	-	-	-	-	-	-	-
2017-2018							
Request received	-	-	-	-	-	-	-
Filed	2	-	-	-	-	-	-
Granted/ Registered	-	-	-	-	-	-	-
2018-2019							
Request received	7	-	-	-	4	-	-
Filed	6	-	-	-	-	-	-
Granted/ Registered	1	-	-	-	-	-	-

Details of IP filings

S.No	Intellectual Property	Details of the IP filed	
		Patent Number	Title
1	Patent	307933	Microwave irradiated phenol benzylation using perlite based tungstophosphoric acid catalyst and a process for the preparation thereof

Awareness Programmes Conducted

S.No.	Activity	Year	No. of programmes
1.	IPR Camps (One or two talks)	2016-17	10
		2017-18	11
		2018-19	11
		Total	32
2.	One/Two days IPR awareness programme organized	2016-17	11
		2017-18	13
		2018-19	17
		Total	41
3.	Short term training programme (more than 2 days) organized	2016-19	3
		Total	3

Details of the programmes

Title of event	Place of Organisation	Date of event
IPR Awareness Programme for school students,	SATCOM, Jaipur	06.02.2018
Training of Trainers	Jaipur	19.02.2018-21.02.2018
Intellectual Property Rights (IPR) & Indian Patent System,	Rajasthan Technical University, Kota	28.09.2018-29.09.2018
GI meet - Promotion and Commercialization of GI meet	Jaipur	23.10.2018

National Seminar on Aspects off Geographical Indications For Sustainable Development	University of Kota, Kota, Rajasthan	28.03.2019-29.03.2019
Training of Trainers	SATCOM, Jaipur	29.07.2019-31.07.2019

IPR cells established in universities - 10

Few Glimpses



PIC - SIKKIM

Nodal Officer : Dr. B.C. Basistha
 Designation : Director
 Phone No. : 9434109894
 Email : basisthabharat@gmail.com
 Year of creation : 2002

Staff details

Sl.No	Name	Designation
1	Shri. Rajdeep Gurung	Scientist-B
2	Dr. Savitri Shrestha	Project Scientist

Intellectual Property Filings and Grant / Registration

2016-2017							
	Patent	Trademark	Copyright	Industrial Design	Geographical Indication	New Plant Varieties	IC Layout designs
Request received	2	-	-	-	2	1	-
Filed	-	-	-	-	1	1	-
Granted/Registered	-	-	-	-	-	-	-
2017-2018							
Request received	4	1	1	-	-	-	-
Filed	-	-	-	-	-	-	-
Granted/Registered	-	-	-	-	-	-	-
2018-2019							
Request received	2	-	-	-	-	-	-
Filed	-	-	-	-	-	-	-
Granted/Registered	-	-	-	-	-	-	-

Details of IP filings

S.No	Intellectual Property	Details of the IP filed	
		Application Number/Registration Number	Title
1	Protection of Plant Varieties	Applied to PPV&FRA, New Delhi	New Rice Variety
2	Geographical Indication		Sikkim Mandarin/Orange
			Sikkim Temi Tea

Awareness Programmes Conducted

S.No.	Activity	Year	No. of programmes
1.	IPR Camps (One or two talks)	2016-17	30
		2017-18	-
		2018-19	-
		Total	30
2.	One/Two days IPR awareness programme organized	2016-17	2
		2017-18	-
		2018-19	-
		Total	2
3.	Short term training programme (more than 2 days) organized	2016-19	-

Details of the Programmes

Title of event	Place of Organisation	Date of event
One day Awareness Workshop on IPR ⁷	Vigyan Bhawan, Deorali, Gangtok	08.04.2016
World Intellectual Property (IP) Day Celebration	Vigyan Bhawan, Conference Hall, DST&CC, Gangtok	26.04.2016
30 IPR camps were organized in the four districts of Sikkim	Ralang, West pandam, Syaplay, Sakhu Syaplay Sakhu, Khanigao, Sawney, Bardang Karmithang, Burung, Cheuribotey, Duga, Deorali, Jitlang Budang, Sajong, Upper Pachak, Lower Pachak, Kameray Chalamthang, East Dikling, Lossing Pacheykhani Mamzey, Padamchey, Tindharey/ Kali Khola, Bhasmey, Ganchung, Dugalakha, Ruchalgaon, Titribot ey	2017.

IPR cells established in universities - 8

IPR Study- World IP Day with the theme “Digital Creativity: Culture Reimagined” by Shri. Rajdeep Gurung

Few Glimpses



PIC - TAMIL NADU

Nodal Officer : Dr. R. Srinivasan
 Designation : Member Secretary
 Phone No. : 09444455819
 Email : ms.tanscst@nic.in
 Year of creation : 2005

Staff Details

Sl.No	Name	Designation
1.	T. Sahila	Project Scientist
2.	S. Gomati Padma Thilaga	Woman Scientist trainee(KIRAN – IPR)
3.	Nicky Mathew	Woman Scientist trainee(KIRAN – IPR)

Intellectual Property Filings and Grant / Registration

2016-2017							
	Patent	Trademark	Copyright	Industrial Design	Geographical Indication	New Plant Varieties	IC Layout designs
Request received	-	-	-	-	-	-	-
Filed	-	-	-	-	-	-	-
Granted/Registered	-	-	-	-	-	-	-
2017-2018							
Request received	15	-	3	2	-	-	-
Filed	-	-	3	2	-	-	-
Granted/Registered	-	-	1	-	-	-	-
2018-2019							
Request received	64	8	32	10	1	-	-
Filed	4	8	12	-	1	-	-
Granted/Registered	-	2	14	-	1	-	-

Details of IP Filings

S.No	Intellectual Property	Details of the IP filed	
		Application Number/Registration Number	Title
1	Patent	201841016763	Mid-drive multi-axle bus chassis
		201841035242	Biodegradable food-grade material
		201841004903	Tapper mechanical machine capable of climbing tree with energy storage and reuse mechanism
		2019410238	Stair Rail Holder

2	Copyright	L-73895/2018	Foundation Guide
		L-77498/2018	Architectural portfolio an, intertwined automotive center, residential project, role of plumbing services in architecture dissertation
		L-75465/2018	A study on gender determination through vedic astrology with special reference to ultrasound test
		L-78705/2018	CS8381 Data structures lab
		L-78133/2018	EC8361 Analog and digital circuits laboratory manual
		L-78730/2018	GE 8261 Engineering practices laboratory manual
		L-79295/2018	EC8381 Fundamentals of data structures in C lab
		L-80050/2019	Faculty advisory programme
		L-78706/2018	CH8561 Heat Transfer Laboratory Manual
		L-78703/2018	EE8311-Electrical Machines I Lab Manual
		L-83414/2019	Nai Valarpu
		L-83413/2019	Vellaatu Pannai
		L-83461/2019	Thendralum Puyalum
		7407/2019-CO/L	Thamakkena Vazhathavai
		9522/2019-CO/L	Sennool
3	Trademark	3970297	Emedez
		3970298	Dezclav-AP 625
4	Industrial Design	305331	An Intertwined Automotive Centre
		306612	Pin for foam filled honeycomb sandwich panel
5	Geographical Indications	616	Kodaikanal Malai Poundu

Awareness Programmes Conducted

S.No.	Activity	Year	No. of programmes
4.	IPR Camps (One or two talks)	2016-17	-
		2017-18	-
		2018-19	-
		Total	-

5.	One/Two days IPR awareness programme organized	2016-17	-
		2017-18	3
		2018-19	12
		Total	15
6.	Short term training programme (more than 2 days) organized	2016-19	1

Details of the Programmes

Sl.No.	Program Title	Place	Dates
1.	Hands-On Training Programme on IPR for Officials of Southern Region Patent Information Centres and Intellectual Property Cells established in Universities organised	SSN College of Engineering, Kalavakkam-603110.	23-04-2018 to 02-05-2018
2.	GI meeting with cultivators of Kodaikanal Hill Garlic	Mother Teresa Women's University, Kodaikanal	09-02-2019
3.	Bharathiar University IPR Workshop (2 days)	Coimbatore	21-03-2019 - 22-03-2019
4.	World IP Day Celebration-2019	Tamil Nadu State Council for Science and Technology, Chennai	26-04-2019
5.	The Tamil Nadu Dr. M.G.R Medical University, Chennai	Chennai	02.07.2019 - 03.07.2019
6.	Auxilium College	Vellore	02.08.2019 - 03.08.2019

IPR cells established in universities - 13

Sl.No	Name	Place
1	Madurai Kamaraj University	Madurai
2	Madras University	Chennai
3	Bharathidasan University	Trichy
4	Bharathiar University	Coimbatore
5	Manonmaniam Sundranar University	Tirunelveli
6	Government College of Technology	Coimbatore
7	Mother Teresa Womens University	Kodaikanal
8	Periyar University	Salem
9	Tamil Nadu Agricultural University (TNAU)	Coimbatore
10	Tamil Nadu Veterinary and Animal Sciences	Chennai

	University	
11	Sacred Heart College (Autonomous)	Vellore
12	Sri Ramakrishna College Of Arts And Science	Coimbatore
13	Francis Xavier Engineering College	Tirunelveli

IPR Study - Technology Scan Study using Patent Analysis on 3D Food Printing
 Author: Ms. S. Gomati Padma Thilaga

Few Glimpses



Two days IPR workshop at Theni



Two days IPR workshop at Sattur



Participants at the workshop



GI cultivators meet at Kodaikanal

PIC - TELANGANA

Nodal Officer : Dr. S. Srinivas
 Designation : Project Director (FAC)
 Phone No. : 9849908675
 Email : secy_tscst@telangana.gov.in
 Year of creation : 2018

Intellectual Property Filings and Grant / Registration

2016-2017							
	Patent	Trademark	Copyright	Industrial Design	Geographical Indication	New Plant Varieties	IC Layout designs
Request received	-	-	-	-	-	-	-
Filed	-	-	-	-	-	-	-
Granted/Registered	-	-	-	-	-	-	-
2017-2018							
Request received	-	-	-	-	-	-	-
Filed	-	-	-	-	-	-	-
Granted/Registered	-	-	-	-	-	-	-
2018-2019							
Filed	1	-	-	-	-	-	-
Granted/Registered	-	-	-	-	-	-	-

Details of the IP filings

Intellectual Property	Details of the IP filed	
	Application Number/Registration Number	Title
Patent	201941018689	A puncture guard for vehicles

IPR Cells established in Universities-3

Sl.No	Name	Place
1.	Professor Jayashankar Telangana State Agricultural University	Hyderabad
2.	Jawaharlal Nehru Technological University	Hyderabad
3.	Osmania University	Hyderabad

Other IPR & Innovation Related Activities Supported

- ❖ To National Institute of Micro, Small and Medium Enterprises (nimsme), Govt. of India, Hyderabad to organise Workshop on “**Intellectual Property Rights for Competitiveness of MSMEs**”. The objective of the workshop is to enhance the awareness of MSMEs about IPR to take appropriate measures for protecting their ideas and business strategies and to familiarise the new government initiatives on IPR.
- ❖ To National Institute of Micro, Small and Medium Enterprises (nimsme) Govt. of India, Hyderabad to organise Workshop on IP Strategy for Start-ups and Entrepreneurs.
- ❖ To Dr. A.Jayashree, Director, IST, JNTU, Hyderabad to conduct the Conference on Trend Setting Innovations in Chemical Sciences and Technology – Nature Inspired Chemistry & Engineering
- ❖ To Dr Estari Mamidala , Asst. Professor, Dept. of Zoology, Kakatiya University Warangal to conduct the Research Project - In vitro study on anti-HIV activity of some medicinal plants used by tribal people of Adilabad District.
- ❖ To Dr.Veerabrahma Kishan, Dean, Dept. of Pharma Sciences, University College of Pharmaceutical Sciences, Kakatiya University, Warangal for conduct of Research Project - Preliminary pharmaceutical Investigations on the excipient characteristics of the gum of bombax ceiba L.
- ❖ To Sri A Veeresh Babu, Assistant Professor, National Institute of Technology (NIT), Warangal to conduct the Research Project - Euglena a kind of Algae as a Bio-Diesel .
- ❖ To Er. G. Sudhakar, Chairman, The Institution of Engineers (India), Hyderabad to organise 2nd Convention of Federation of Engineering Institutions of Asia and Pacific - 2013 & Biennial International Conference on the Theme “Engineering Initiatives for Sustainable Development : Integrating Innovation and Ethics.

Publications on IPRs and Related Issues :

- ❖ During the year 2014, TSCOST brought out a publication titled ‘Some questions and Answers’ on IPR issues in English and Telugu languages. 10,000 copies (5,000 Telugu and 5,000 English) of the this publication in the form of a booklet were printed and circulated to the IPR Cells established in the Universities and also General Public during Exhibitions/ Seminars/ Workshops etc.

TSCOST Programmes aimed at promotion of Innovation leading to generation of IPRs :

- ❖ TSCOST is in the process of establishing Innovation Hub at Regional Science Centre, Warangal with support from National Council of Science Museums (NCSM) and Govt. of Telangana.
- ❖ TSCOST is extending support to Scientists/ Academicians/ Research Scholars for potential R&D projects which are likely to give rise to IPRs.
- ❖ TSCOST extended support for conduct of Programmes aiming at promotion of Innovation, Inducing skills and Intelligence among various target groups, with scope of generation of IPRs.
- ❖ TSCOST participated in several National Level and International Level Innovation/ IPR related Seminars/ Workshops/ Fairs / Exhibitions for supporting budding Innovators.

PIC - UTTARAKHAND

Nodal Officer : Dr. Rajendra Dobhal
 Designation : Director General
 Contact : 9412051556/57/58
 Email : ucost@ucost.in, dg@ucost.in
 Year of creation :2010

Staff Details

Sl.No	Name	Designation
1.	Dr. Anju Rawat	Scientist - B
2.	Himanshu Goel	Project Scientist

Intellectual Property Filings and Grant / Registration

2016-2017							
	Patent	Trademark	Copyright	Industrial Design	Geographical Indication	New Plant Varieties	IC Layout designs
Request received	15	3	3	1	-	-	-
Filed	4	3	3	-	-	-	-
Granted/Registered	-	-	-	-	-	-	-
2017-2018							
Request received	32	3	5	-	1	-	-
Filed	5	3	5	-	1	-	-
Granted/Registered	-	-	-	-	-	-	-
2018-2019							
Request received	34	3	10	2	-	-	-
Filed	7	1	2	1	-	-	-
Granted/Registered	-	-	-	-	-	-	-

Details of IP Filings

S.No	Intellectual Property	Details of the IP filed	
		Application Number/Registration Number	Title
1	Patent	284026	A process for the production and antifungal solution
2	Copyright	8032/2016-CO/L	An expert system for integrated solid waste management in dehradun city
		L-72914/2018	Shivendra's Method of Uniquely illustrating on a number line
		18306/2017-CO/L	Classical Physics revolution
		18308/2017-CO/SR	Classical physics revolution

		8141/2018-CO/L	World fastest and shortest method to convert 04 temperature units i.e centigrade, fahrenheit, rankine, kelvin directly from each other
		6401/2018-CO/L	Fastest Calculation Method For Finding Week Day On Any Date In A Year Of Any Century
		10709/2018-CO/L	World fastest and new method to solve all clock problems
		7998/2019-CO/L	Book entitled "Tere Layi"
3	Trademark	3383473	Name & Logo of "Hills2Home"
		2845632	Logo of Sahara India Domestic Product
		2385305	Logo of UCOST
		3700571	LOGO of Techcounsellor
	Industrial Design	252907	TFP Hal
	Geographical Indications	589	Hand Knotted Carpet (Dann) of Uttarakhand.

Awareness Programmes Conducted

S.No.	Activity	Year	No. of programmes
7.	IPR Camps (One or two talks)	2016-17	10
		2017-18	8
		2018-19	5
		Total	23
8.	One/Two days IPR awareness programme organized	2016-17	10
		2017-18	7
		2018-19	13
		Total	30
9.	Short term training programme (more than 2 days) organized	2016-19	-

Details of the Programmes

Sl.No.	Program Title	Place	Dates
1.	IPR Awareness Workshop entitled “Protection of R&D outcomes through Intellectual Property Rights”.	S.B.S Govt. P.G College, Rudrapur, U.S Nagar.	March 27, 2017
2.	ABS mechanism and conservation of traditional knowledge systems through patents and IPR regime.	Auditorium, UCOST	30th Jan, 2018
3.	IPR Awareness among Students	Regional Science Center, UCOST	28th March, 2018
4.	Importance of IPR in Chemical Sciences	Auditorium, Dept. of Chemistry, HNB Garhwal University, Pauri Campus	28th March 2019
5	IPR Camps for School & College Students	Auditorium, Vigyan Dham, Regional Science Center Dehradun	02th April 2018, 11th April 2018, 22th April 2018, 2th August 2018, 08th August 2018

IPR cells established in universities – 8

Sl.No	Name	Place
1.	Swami Rama Himalayan University	Dehradun
2.	University of Petroleum and Energy Studies	Dehradun
3.	M.B Govt. P.G College	Haldwani
4.	L.S.M Government P.G College	Pithoragarh
5.	Bipin Tripathi Kumaon Institute of Technology	Almora
6.	College of Engineering, Roorkee	Roorkee
7.	Pt. L.M.S Govt. P.G College	Rishikesh
8.	All India Institute of Medical Sciences	Rishikesh

Few Glimpses



PIC - WEST BENGAL

Nodal Officer : Dr. Mahuya Hom Choudhury
 Designation : Scientist-C
 Contact : 9007780898/03323211342
 Email : mhc123ster@gmail.com, picwbscst@gmail.com
 Year of creation :1997

Staff details

Sl.No	Name	Designation
1	Dr. Mahuya Hom Choudhury	Scientist-C
2	Ms. Paramita Saha	Scientist B
3	Ms. Agnijita Dey	Senior Research Fellow
4	Ms. Sangita Sengupta	Project Scientist-I
5	Ms. Riya Dey	Senior Research Fellow

Intellectual Property Filings and Grant / Registration

2016-2017							
	Patent	Trademark	Copyright	Industrial Design	Geographical Indication	New Plant Varieties	IC Layout designs
Request received	17	-	-	-	-	-	-
Filed	17	-	-	-	12	-	-
Granted/Registered	1	-	-	-	-	-	-
2017-2018							
Request received	23	-	-	-	-	-	-
Filed	23	-	-	2	2	-	-
Granted/Registered	2	-	-	-	10	-	-
2018-2019							
Request received	31	5	-	-	-	-	-
Filed	28	5	-	-	1	-	-
Granted/Registered	7	1	-	-	-	-	-

Details of IP filings

S.No	IP	Details of the IP filed	
		Application Number/Registration Number	Title
1	Patent	277768	An apparatus for electric power generation
		288681	Puffed Rice With Vitamin-B
		295119	Polymer electrode for glutathione detection

		296122	A method for soliton pulse generation using optical fibre
		290222	Synthesis of surface active gold nano layer fabricated iron-oxide nano composite
		0090/KOL/2004	Arsenic recovery from its contaminated waste by direct precipitation
		308432	A smart phone enabled fluorescence based device for measuring protein microalbumin
		309871	Energy free food preserver
		298726	Auto dimmer device
		839/KOL/2013	Development of electrical energy efficient and economically viable process/method for the treatment and bio-detoxification of azo dye contaminated wastewater
2	Trademark	2124715	MAITHLY'Z ART
3	Geographical Indication	525	Bardhaman Sitabhog
		526	Bardhaman Mihidana
		530	Tulaipanji Rice
		531	Gobindabhog Rice
		533	Banglar Rasogolla
		563	Bengal Dokra
		564	Bengal Patachitra
		565	Purulia Chau Mask
		566	Wooden Mask Of Kushmandi
		567	Madurkathi

Awareness Programmes Conducted

S.No.	Activity	Year	No. of programmes
10.	IPR Camps (One or two talks)	2016-17	6
		2017-18	10
		2018-19	-
		Total	16
11.	One/Two days IPR awareness programme organized	2016-17	7
		2017-18	14
		2018-19	8
		Total	29

12.	Short term training programme (more than 2 days) organized	2016-19	1
		Total	1

Details of the Programmes

Sl.No.	Program Title	Place	Dates
2016-2017			
1	3 days exhibition	Kolkata	15 -17, 2017
2	Industry Academia Conclave	Kolkata	27.3.2017 -29.03.2017
2017-2018			
1	One day workshop or Short-term training): 25th West Bengal State Science Congress	Kalyani, West Bengal	03.04.2018– 04.04.2018
2	One day workshop or Short-term training): Jungle Utsav, 2018	West Bengal	3 .1.2018
2018-2019			
1	One day workshop or Short-term training): 26 th West Bengal Science & Technology Congress	Kolkata , West Bengal	28.2.2019 -1.3.2019
2	One day workshop or Short-term training): Dumdum BoiMela	Dumdum, West Bengal	28.12.2018 -6.1.2019

IPR cells established in universities – 6

Number of IPR Study/Publications - 24

Some of the studies are as follows:

S. No.	Title	Author
1	Geographical Indication Branding in West Bengal: Issues and Challenges	Hom Choudhury Mahuya, Saha Paramita, Pain Susovan, Sengupta Sangita, Chaudhuri Suromita
2	Geographical Indication Registration in West Bengal: Potential and Prospects	Hom Choudhury Mahuya, Rahaman Md. M., Dey Riya, Dey Agnijita
3	Patent analysis on Turmeric: A tradition leading to Invention	Dey Riya, Saha Paramita, Choudhury Hom Mahu

Few Glimpses



