

Gujarat Technological University

**Report for the
GTU IPR Workshops/Events held during
December 2018 to February 2019**

To promote awareness, protect and promote Intellectual Property Rights of students, researchers, faculty members or start-ups (who are students or passed out in last five academic years) and thus encourage innovation and creativity among them.

For the novel innovative projects, GTU is providing a financial grant of up to Rs 25,000/- for patent filing, under the provisions of GTU guideline based on SSIP policy. Till today GTU has approved 57 innovative projects for patent filing under GTU SSIP Guideline.

GTU has planned a series of IPR workshops and screening sessions during a period of December 2018 to March 2019.

City	Venue	<u>PHASE 1</u> GTU Guideline for Patent Filing Assistance & Workshop on Patent Search	<u>PHASE 2</u> Patent Projects Screening
Ahmedabad	GTU Innovation Council Block 3, LD College of Engineering Campus, Navrangpura Ahmedabad	18.12.2018, Tuesday 16.02.2019, Saturday	27.12.2018, Thursday 01.03.2019, Friday
Baroda	As mentioned besides	17.12.2018, Monday @ VIER 08.02.2019, Friday @ VIER	28.12.2018, Friday @ VIER 26.02.2019, Tuesday @ PPI
Surat	GTU Innovation Council First Floor, Amenities Block Dr S & SS Ghandhy College Majura Gate, Surat	19.12.2018, Wednesday 18.02.2019, Monday	24.12.2018, Monday 28.02.2019, Thursday
Rajkot	GTU Innovation & Start-up Center AVPTI Campus Opp Hemu Gadhavi Hall Tagore Road, Rajkot	21.12.2018, Friday 11.02.2019, Monday	26.12.2018, Wednesday 22.02.2019, Friday

OUTCOME OF THESE WORKSHOPS IS AS LISTED AS BELOW

December 2018

Ahmedabad		Baroda		Rajkot		Surat	
Workshop	Screening	Workshop	Screening	Workshop	Screening	Workshop	Screening
18-12-2018	27-12-2018	17-12-2018	28-12-2018	21-12-2018	26-12-2018	21-12-2018	24-12-2018
No. Of Candidate Participation	No. of Candidate (No. of Team)	No. Of Candidate Participation	No. of Candidate (No. of Team)	No. Of Candidate Participation	No. of Candidate (No. of Team)	No. of Candidate Participation	No. of Candidate (No. of Team)
44	17 (12)	114	40 (19)	42	9 (5)	90	5 (5)
Approved Patents		Approved Patents		Approved Patents		Approved Patents	
6		9		4		4	
<p>Total : 23 Projects Selected To Provide Patent Filing Support Under GTU SSIP Guideline</p>							

February 2019

Ahmedabad		Baroda		Rajkot		Surat	
Workshop	Screening	Workshop	Screening	Workshop	Screening	Workshop	Screening
16-02-2019	01-03-2019	08-02-2019	26-02-2019	11-02-2019	25-02-2019	18-02-2019	28-02-2019
No. Of Candidate Participation	No. of Candidate (No. of Team)	No. Of Candidate Participation	No. of Candidate (No. of Team)	No. Of Candidate Participation	No. of Candidate (No. of Team)	No. of Candidate Participation	No. of Candidate (No. of Team)
55	51(21)	101	40 (09)	25	21(9)	63	56 (9)
Approved Patents		Approved Patents		Approved Patents		Approved Patents	
11		4		4		3	
<p>Total : 22 Projects Selected To Provide Patent Filing Support Under GTU SSIP Guideline</p>							

Glimpse of IPR workshops & Screening



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List of approved projects for patent filing under SSIP

Sr. No	Team Leader Name	Innovation Title	School/ College/Institute Name	Screening Date	Zone
1	Kamlesh Mehta	MOSFET Cooling device with flat plate oscillating heat pipe	VPMP polytechnic	26.10.2018	Ahmedabad
2	Dhruv Patel	Prototype Design for interacting /Non interacting type quadruple tank system with Uncertainties	Saradar vallabhbhai patel Institute of Technology, Valsad	26.10.2018	Baroda
3	Uttakantha Dixit	Design and development of rotational electrode mechanism for EDM	Saradar vallabhbhai patel Institute of Technology, Valsad	26.10.2018	Baroda
4	Dipesh Shah	Design of Robust controller for multi variable process with time delay compensation	Saradar vallabhbhai patel Institute of Technology, Valsad	26.10.2018	Baroda
5	Panchal Umang	ExMos: apparatus for screening psychotropic drug in animals	Shankarsinh vaghela Bapu institute of pharmacy	26.10.2018	Ahmedabad
6	Ravi Sharma	Advanced system for seat belt	SR Automation & Robotics	26.10.2018	Baroda
7	Chetankumar patel	OTG Chair	RK University	30.10.2018	Rajkot
8	Dhairya Dave	No Spun mug	RK University	30.10.2018	Rajkot
9	Riddhi Joshi	Innovative Life With Ease	Faculty of Engineering Technology & Research	02.11.2018	Surat
10	Jimit Patel	Automated drainage system with blockage clearance	S.V.M.I.T, Bharuch	02.11.2018	Surat
11	Jayesh Pipliya	HHO fuel technology	GIDC Degree Engineering College	02.11.2018	Surat
12	Vrutantkumar Patil	Advance Smog Free Tower	SNPIT & RC UMRAXH, BARDOLI	02.11.2018	Surat
13	Dhairya Shah	Smart Sewage Tank	Sitarambhai Naranjibhai patel Institute of Technology and research center	24.12.2018	Surat
14	Tarun Nagpure	Food Crusher	Pacific School of Engineering	24.12.2018	Surat

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15	Prasad AjayKumar	Electronic Flute(Bansuri)	GEC Dahod	24.12.2018	Surat
16	Mayur Mahla	Automatic Air Pressure Maintenance in 4 Wheel Vehicle	GEC Dahod	24.12.2018	Surat
17	Niraj Parmar	Automatic Handbrake for Automobile Vehicles	smt. Hansaben Haribhai gajera,Engineering college	26.12.2018	Rajkot
18	Yatish Pitroda	Intelligent Drip Irrigation System	INNOSAT	26.12.2018	Rajkot
19	KEYUR VEKARIYA	AUTOMATIC SERVO VOLTAGE STABILIZER	Atmiya Institute of Technology And Science	26.12.2018	Rajkot
20	Jaydeep Viramgama	MOTOR PUMP	Atmiya Institute of Technology And Science	26.12.2018	Rajkot
21	Dhruv Patel	Performance improvement of high Speedk8 counters of PLC by Reconfigurable FPGA	Saradar vallabhbhai patel Institute of Technology, Valsad	27.12.2018	Ahmedabad
22	Chirag Kanagiyani	Microvernier	G.H Patel College of Engineering & Technology	27.12.2018	Ahmedabad
23	Tanay P. Gajjar	Design of Variable size & Multifunctional Trepan Tool	LD college of Engineering	27.12.2018	Ahmedabad
24	Ravi Parmar	AVM (Accurate Voting Machine)	Sadhana Science School-dhrangadhra	27.12.2018	Ahmedabad
25	Nitin Prajapati	Cooling Helmet	Government engineering college , Patan	27.12.2018	Ahmedabad
26	Neel Shah	Nozzle Supported Wind Turbine	L.J college of Engineering and Technology	27.12.2018	Ahmedabad
27	Varun Saikia	Makara- The Pond Cleaner	Navarachna School-Sama	28.12.2018	Baroda
28	Jaimin V Thakkar	Different Nozzle Exit Geometry for fused Deposition Modeling Machine Nozzle	Saradar vallabhbhai patel Institute of Technology, Valsad	28.12.2018	Baroda
29	Meet Joshi	Semi-automated helical Spring cleaning Machine	Vadodara Institute Of Engineering	28.12.2018	Baroda

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30	Parth Kachhadiya	Low Energy Spacecraft	Birla Vishvakarma Mahavidyalaya Engineering College	28.12.2018	Baroda
31	Ravi Umraniya	Band Saw Blade Tension And Breakage Sensor	BITS, Vdodara	28.12.2018	Baroda
32	JashKumar Ukani	Adhesive for diamond Surface	Vishwakarma Government Engineering College	28.12.2018	Baroda
33	Patel Jainesh s.	Eco Smart Helmet	PARUL INSTITUTE OF TECHNOLOGY	28.12.2018	Baroda
34	Maulesh Parikh	An Economical And Novel Machine For Small Engineering Workshop And Human Fitness	PARUL INSTITUTE OF TECHNOLOGY	28.12.2018	Baroda
35	Anantraj Tomar	Motion Breeze	Neotech Institute of Technology Vadodara	28.12.2018	Baroda
36	Dhaval D. Trivedi	Advanced Knee Meniscus Design for Human Knee Joint Implants	PRAGRATHAN: Rejuvenating Nature	25.02.2019	Rajkot
37	Baraiya Kashyap	OAG CYLINDER	RKU	25.02.2019	Rajkot
38	Jaydeep Viramgama	Segmental Motor	Red sorrow	25.02.2019	Rajkot
39	Jaydeep Viramgama	Hexagonal telescopic spanner	Red sorrow	25.02.2019	Rajkot
40	Panchal Aditya	Recycling Process of FRP Waste Material	Laxmi institute of technology	28.02.2019	Surat
41	Darshan Purani	Electromagnetic Suspension	C.K Pithawala College Of engineering and Technology	28.02.2019	Surat
42	Amol Patil	Borewell Child Saving Machine	Government engineering College,Dahod	28.02.2019	Surat
43	Het Patel	Quad Plate Thrust Reversal Design	Silver Oak College of Engineering and Technology, Ahmedabad	01.03.2019	Ahmedabad
44	Jimil Pethani	Twin Silencer for motorized fogging machine	Silver Oak College of Engineering and Technology, Ahmedabad	01.03.2019	Ahmedabad
45	Hardik Shukla	Multipurpose Deduster	Aditya Silver Oak Institute of Technology	01.03.2019	Ahmedabad

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46	Hitesh Vaishnav	Adjustable Flame Tube in Annular Combustor	Silver Oak College of Engineering and Technology, Ahmedabad	01.03.2019	Ahmedabad
47	Sen Purankumar	Ghee & buttermilk making machine	GEC, Patan	01.03.2019	Ahmedabad
48	Kashyap Thummar	Measurement of phthalate as extractable from pharmaceutical packaging by using HPTLC & Method of Human Bio-Monitoring of Phthalate metabolites by HPTLC		01.03.2019	Ahmedabad
49	Vyom Parajapati	Controller independent parallel switching	P & P Automation	01.03.2019	Ahmedabad
50	Vyom Parajapati	Humming free AC Fan regulation	P & P Automation	01.03.2019	Ahmedabad
51	Sahil K. Singh	Efficient transmission of digital data by voltage multiplexing	GPERI	01.03.2019	Ahmedabad
52	Dhruv Patel	UAESP (Universal automobile electrostatic precipitator)	GEC, Patan	01.03.2019	Ahmedabad
53	Rahul Parmar	Arrow head Hypersonic vehicle for Re-entry with adjustable Fin Control	Silver Oak College of Engineering and Technology, Ahmedabad	01.03.2019	Ahmedabad
54	Mayank Argade	Plaster Machine	SIGMA	26.02.2019	Baroda
55	Bhushan Jadhav	Daimler		26.02.2019	Baroda
56	Ravi Umraniya	Drip Sheet	PPI	26.02.2019	Baroda
57	Ravi Umraniya	Roller Bundle Clamping Fixture	PPI	26.02.2019	Baroda

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Registrar, GTU