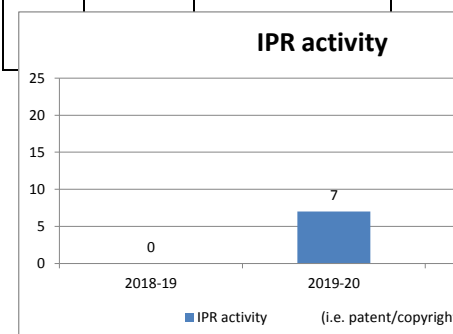




**SAGAR INSTITUTE OF RESEARCH & TECHNOLOGY BHOPAL**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION**  
**PATENT (NATIONAL /INTERNATIONAL) & COPYRIGHT**

S. No	Faculty name	Title of PATENT	Association	Pub. date	Patent no.
1	Dr Uday Panwar	IPCPC-VLSI-CIRCUIT: Intelligence Process of computing dual Conductor Parasitic Advanced Capacitances for VLSI Circuits	NATIONAL	21-Feb-20	202041006276
2	Dr Uday Panwar	ITMD Device: Intelligent Technology to Maximize Display area of a Mobile Devices	NATIONAL	20-Mar-20	202011009101
3	Dr Uday Panwar	PD MASS STORAGE LOCKING: Pen Drive Mass Storage Locking	NATIONAL	22-May-20	202041015048
4	Dr Uday Panwar	Melt Substrate RGB Color 3D Writing Pen	NATIONAL	26-Jun-20	202011015754
5	Dr Uday Panwar	PCML- Movable Satellite: Propagation Impairments for Movable Satellite Communication Links at The Microwave Frequencies in Defined Location	INTERNATIONAL	01-Oct-20	2020102544
6	Dr Uday Panwar	endmp-user tracking and current location notification using IoT based deep Machine learning Programming	NATIONAL	29-Jan-21	202021014117
7	Dr Jyoti Jain & Dr Mehajabeen Fatima	Retrofit Grab handle assembly	NATIONAL	23-Oct-20	202021011264
8	Dr Sangeeta Shukla Dr Minal Saxena Prof. Navneet Kaur	Automatic water supply attender	NATIONAL	23-Oct-20	202021043081
9	Dr Sangeeta Shukla	Digital RABA	NATIONAL	Dec-20	202021041888
10	Prof. Anat Shrivastava	A new pilot symbol assisted channel algorithm using OFDM system with truncation DCT	NATIONAL	28-07-2020	202041032232
11	Prof. Anat Shrivastava	Vehicle Bus Data acquisition & Fault analysis system using can and monitoring using internet of things and machine learning based algorithm	NATIONAL	26-11-2020	202021051576
12	Prof. Anat Shrivastava	Automatic fault analysis management in industries using GSM Technology and IoT	NATIONAL	Jan-20	202041042841
13	Prof Palash Jain	Calculating device to perform binary operations	NATIONAL	03-Jan-20	202021021362
14	Prof Palash Jain	Document reader cum text to voice converter	NATIONAL	26-Aug-20	332377-001

Sr. No.	Session	IPR activity (i.e. patent/copyright )
1	2018-19	0
2	2019-20	7



15	Prof Palash Jain	Height adjustable writing board	NATIONAL	18-Sep-20	333358-001
16	Prof Palash Jain	Electric Cart	NATIONAL	30-Oct-20	334778-001
17	Prof. Seema Rajput	Touchless Device for use with a Doorbell	NATIONAL	30 <sup>th</sup> October 2020	202021042268
18	Prof. Seema Rajput	Biofuel Blended Alternative Fuel For Diesel Engines For Optimized Performance	NATIONAL	13-Nov-20	202021045949
19	Prof. Seema Rajput	Design and Development of IOT Based Health Care System Using Wearable Devices	NATIONAL	27-Nov-20	202021042268
20	Prof. Seema Rajput	Machine Learning Based Smart Electric Vehicle Battery Management System	NATIONAL	06-Nov-20	202011046688
21	Prof. Seema Rajput	Smart Real Time Energy management System Using Thingspeak For Smart Cities	INTERNATIONAL	16 <sup>th</sup> November 2020	20202103477
22	Vivek Tiwari	"IOT based Smart Management of Autonomous Guided Vehicle in Smart Industrial Manufacturing" on 7th Oct. 2020.	NATIONAL		202021043697
23	Vivek Tiwari	TOUCHLESS DEVICE FOR USE WITH A DOORBELL	NATIONAL		

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Sr.	Faculty name	Title of Copyright	Date
1	Dr. Jyoti Jain, Dr. M Fatima	course file of Control System	24-02-2020
2	Dr. Jyoti Jain, Dr. M Fatima	Lab Manual of Control System & MATLAB	28-09-2020
3	Prof. Shalini Sahay, Prof. Navneet Kaur,	course file of CNTL	Dec-20

**CONSULTANCY**

Sr.	Faculty name	Consultancy work	Organisation	Time	Amount
1	Dr Jyoti Jain along with Dr Sangeeta Shukla and Dr M Fatima	The Embedded system based three phase heater controller has been designed for Controlling device on CFM for electrode storage room equipment of 10KWatt capacity	DK ELECTROMECH CORPORATION, Govindpura Industrial Area	Dec-20	12000/-

N : National I : International

