

3.2.1 Extension activity

Important links for access -

NISP Startup centre:

Please refer the link for details: <https://siesgst.edu.in/nisp>

Please refer the link for MHRD IIC: <https://siesgst.edu.in/mhrd-iic>

KAPILA Portal: <https://kapila.mic.gov.in/dashboard.php>

Patents filed:-

For year 2021-22

Sr. Nos.	Faculty name	Details
1.	Dr. Rupendra Nehete, Dr. Pradip Patil, Prashant Amabadekar	Patent on 'Telescopic shaft for four-wheeler terrain vehicles' on 21st October, 2021 Patent application no. 351656-001
2.	Prashant Amabadekar	Patent on 'Method and Process to Identify Tool Wear Through Image Processing' Published on 29/10/2021
3.	Sonal Hutke	A Machine Learning Based System For Enhancing Computer Network Security, IP registration no. 2021105383 dated 27.10.2021
4.	Dr. Shivaji D. Pawar/ Prof. Mahesh Biradar/Prof. Somnath Pawar/ Dr. Ramkishan Bhise	Design And Development Of Deep Learning Algorithm For Mammographic Breast Density For Breast Cancer Prediction, IP registration no. 202221035040 dated 18.06.2022

IPR Filed and Published (Copyrights & Design only)**For year 2021-22**

Sr. Nos.	Title/Name of IP (Copyright/Design Only)	Type of IP	IP Registration Number of Copyright/Design	Date Filed/Published of
1.	H shape EBG hybrid ring power divider	Copyright	L-100354/2021	15-03-2021
2.	Faculty Feedback Analysis	Copy Right	SW-14668/2021	22-06-2021
3.	Pothole Mapper for Safer India	Copy Right	8596/2022-CO/SW	22-04-2022
4.	Website Legitimacy and Automated Fact Checking	Copy Right	8596/2022-CO/SW	22-04-2022
5.	Optimization of process plant layout	Copy Right	10027/2022-CO/SW	13-05-2022

Minor Research Grants: Academic year 2019-20

Sr. no	Name of principal investigator	Co investigator	Title of MRP	Amount sanctioned (Rs)
1	Dr. Kaustubh Chavan	Dr. R.S. Nehete	Solar Abetted Pyrolysis: A Novel Approach of Renewable Energy Production from Plastic Waste	40,000
2	Dr.Preeti Hemnani	Ms. Pranavi Mhatre	FPGA -GSM based GAs Leakage Detection system	20000
3	Ms.Sonal Hutke		Planar wearable antenna for WBAN in ISM band	20000
4	Ujwala Ravale	Ms.Preeti Godabole	“Real time flood monitoring and control system”	25000
5	Prachi Shahane	Ms.Pranita Mahajan	Medical chatbot for Non-Communicable Disease	25000
6	Dr. Rajesh Kadu	Ms.Kranti Bade	Smart water quality monitoring using IOT	25000
7	Ms. Savita Govindkumar Lohiya	Ms. Leena Ladge	Predicting Parkinson's desiase using Deep Neural Network	25000

8	Ms. Seema Redekar	Dr. K. Lakshmisudha	Solar Abetted Pyrolysis: A Novel Approach	30000
9	Dr. Manasi Karkare		Synthesis of undoped and doped TiO ₂ thin films and check its usability it for water purification	60000
10	Dr. Geetanjali Mishra		Ethics & Integrity: A Case based analysis	20000
11	Dr. Pradip Patil	Dr. R.S. Nehete	Crack detection through frequency analysis using CNN	20,000

Academic Year 2018-19

Sr. no	Name of principal investigator	Title of MRP	Amount sanctioned (Rs)
1	Dr. R.S. Nehete	Solar Refrigeration Unit	50,000
2	Dr. Vikram Patil	Compact Remote Controlled based multipurpose frequency reconfigurable antenna for long distance communication	25000
3	Kintu Patel	UAV based Structural flaw detection using ANN	20000
4	Shishir Jagtap	Asset Monitoring and Tracking using RFID System	35000
5	Pratiba Joshi	IOT based Wireless Sensor Network (WSN) for metropolitan cities to monitor air pollution level	25000
6	Vishal Gaikwad	An Intelligent Green Energy Based IoT Sensor Node for Data Monitoring using WEMOS D1 MINI	20000
7	Ms. K. Lakshmisudha	Smart Agriculture Management using IOT	15000
8	Ms. Stuti Naresh Ahuja	IOT Based System for Driver Drowsiness Warning	25000
9	Ms. Bushra Shaikh	IoT based Smart Kitchen System	30000

10	Dr. Smitha Kumar	Synthesis and characterization of Chitosan based magnetic Nanocomposites for the Waste Nanocomposites for the Waste Water Treatment	30000
11	Dr. Kanthimathi G	Fabrication, characterization and application of transition metal doped SnO ₂ by coprecipitation method	45000
12	Dr. Snehal Kargirwar	Synthesis of nanostructured conducting polymers for gas sensing applications	40000
13	Dr. Rizwana Shaikh	Fog Computing for Smart Transportation	40000
14	Prashant Ambadekar	Tool Condition Monitoring on CNC Machine	50,000

Academic Year 2017-18

Sr. no	Name of principal investigator	Coinvestigator	Title of MRP	Amount sanctioned (Rs)
1	Vandana Sawant		Human Skin as a Touch screen	15000
2	Anandita Khade		Smart Adaptive IOT based parking system	40000
3	Pranita Mahajan		An IOT Based System for Water Quality Monitoring	20000
4	Sunil Punjabi		Intelligence System for Women Security	35000
5	Varsha Patil		Food quality Management using IOT	25000

Existence of Incubation Facility (>= 1500 Sq. Ft. Floor Area)

Sr. Nos.	Name of unit	Incharge Name	Contact no.	Email	Govt. Scheme
1	SIES GST STARTUP CENTER	Dr. Kaustubh Chavan	9987324724	kaustubhc@sies.edu.in	None

Existence of IPR Cell/ Patent facilitation unit/ Technology center at the institute

Sr. Nos.	Type of the unit	Name of the unit	In-charge Name	Contact No.	Email	Govt. schemes
1.	IPR cell	SIESGST IPR Cell	Dr. Rupendra Nehete	8369474334	rupendran@sies.edu.in	Mentoring Support