



3.2.2

**LIST OF THE FUNDED RESEARCH PROJECT TITLES WITH DETAILS OF
PRINCIPAL INVESTIGATOR, AMOUNT SANCTIONED AND SANCTIONING
AGENCY ETC.
(2018-2023)**

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Village Narayansoso, Near Angara Block Office, Ranchi - Purulia Highway, Angara, Ranchi - 835103, Jharkhand

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3.2.2

List of the Funded Research Project Titles With Details of Principal Investigator, Amount Sanctioned and Sanctioning Agency Etc.

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List of the funded research project title with details of Principle Investigator, Amount Sanctioned and Sanctioning Agency in the year 2022-23

S. No.	Name of the PI/ Co-PI/Name of the person holding the Chair	Title of the research project, endowments, Research Chairs	Name of the funding agency	Duration	Year of award or sanction	Amount in INR.
1.	Dr. Akanksha Anand Saxena	Design and Implementation of Vestibular Rehabilitation Programs for Balance Disorders	Bhupendra Steels Pvt Ltd	2 years	2022-2023	150000
2.	Dr. Jagesh Ranjan	Development of Green Chemistry Approaches for Sustainable Chemical Processes	Bhupendra Steels Pvt Ltd	2 years	2022-2023	180000
3.	Dr. Shimpi Kumari Chaturvedi	Analyzing English Language Policies and Multilingual Education	Bhupendra Steels Pvt Ltd	3 years	2022-2023	120000
4.	Dr. Anupama Verma	Factors Influencing Online Consumer Trust and Purchase Decision Making	Bhupendra Steels Pvt Ltd	2 years	2022-2023	150000
5.	Dr. Ritushree Narayan	Design and Implementation of Intelligent Transportation Systems for Smart Cities	Bhupendra Steels Pvt Ltd	3 years	2022-2023	100000
6.	Dr. Abhishek	Design and Optimization of Algorithms for Network Security and	Bhupendra Steels	2 years	2022-2023	180000

Abhishek

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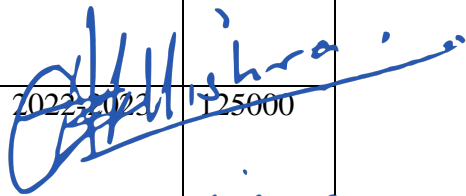
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	Pandey	data security and analysis.	Pvt Ltd			
7.	Dr. Jayantika Pal	Investigation of Mathematical Optimization Techniques for Resource Allocation Problems	Bhupendra Steels Pvt Ltd	3 years	2022-2023	120000
8.	Dr. Sharmistha Roy	Development of Explainable Recommender Systems for Ecommerce Platform	Bhupendra Steels Pvt Ltd	2 years	2022-2023	250000
9.	Mr. Ashutosh Kumar	Design and Fabrication of Microelectromechanical Systems (MEMS)	Bhupendra Steels Pvt Ltd	3 years	2022-2023	200000
10.	Dr. Nanda Shakti	Exploring Dark Matter Candidates in Particle Physics	Bhupendra Steels Pvt Ltd	2 years	2022-2023	200000
11.	Dr. K Jyotsna	Development of Mathematical Models for Population Dynamics and Ecology	Bhupendra Steels Pvt Ltd	3 years	2022-2023	220000
12.	Dr. Md. Saifiullah Khalid	The Impact of Customer Relationship Management (CRM) Systems on Business Performance	Bhupendra Steels Pvt Ltd	2 years	2022-2023	200000
13.	Prof. B N Dubey	Development of Mining Robotics and Autonomous Systems for Remote and Hazardous Environments	Bhupendra Steels Pvt Ltd	2 years	2022-2023	150000
14.	Dr. Lokesh Kumar	Design and Optimization of Low-Power Integrated Circuits for IoT	Bhupendra Steels Pvt Ltd	3 years	2022-2023	300000

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		Applications				
15.	Dr. Shimpi Kumari Chaturvedi	The Role of English in International Diplomacy and Intercultural Relations	Bhupendra Steels Pvt Ltd	2 years	2022-2023	200000
16.	Dr. Arvind Hans	Effective Leadership Development Programs for Succession Planning	Bhupendra Steels Pvt Ltd	3 years	2022-2023	150000
17.	Dr. Md. Amir Khusru Akhtar	Investigation of Computer Vision Techniques for Object Detection and Recognition	Bhupendra Steels Pvt Ltd	2 years	2022-2023	180000
18.	Dr. Vinay Singh	Design and Implementation of Secure Multi-Party Computation Protocols	Bhupendra Steels Pvt Ltd	2 years	2022-2023	150000
19.	Dr. Sharmistha Roy	Development of Machine Learning Models for Medical Diagnosis and Prognosis	Bhupendra Steels Pvt Ltd	2 years	2022-2023	100000
20.	Prof. B N Dubey	Development of Sustainable Energy Solutions for Mining Operations	BSL Casting Pvt Ltd.	2 years	2022-2023	100000
21.	Dr. Lopamudra Satapathy	Development of Agricultural Robotics and Automation for Precision Farming	BSL Casting Pvt Ltd.	2 years	2022-2023	250000
22.	Dr. Meenakshi Kumari and Dr. Nagma Khaton	Strategies for Effective Talent Management in a Competitive Business Environment	BSL Casting Pvt Ltd.	3 years	2022-2023	125000
23.	Dr. K Jyotsna	Investigation of Number Theory and	BSL Casting Pvt	3 years	2022-2023	150000


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		Diophantine Equations	Ltd.			
24.	Dr. Md. Saifiullah Khalid	The Role of Organizational Structure in Facilitating Innovation and Creativity	BSL Casting Pvt Ltd.	2 years	2022-2023	120000
25.	Prof. B N Dubey	Investigation of Mining-induced Seismicity and Ground Control Measures	BSL Casting Pvt Ltd.	3 years	2022-2023	125000
26.	Dr. Md. Saifiullah Khalid	Impact of International Business Expansion on Firm Performance	BSL Casting Pvt Ltd.	2 years	2022-2023	150000
27.	Dr. Vinay Singh	Investigation of Natural Language Generation Techniques for Text Summarization	BSL Casting Pvt Ltd.	3 years	2022-2023	180000
28.	Dr. Ritushree Narayan	Investigation of Human-Computer Interaction for User Interface Design	BSL Casting Pvt Ltd.	2 years	2022-2023	150000
29.	Dr. Arvind Hans	The Relationship between Corporate Social Responsibility and Financial Performance	BSL Casting Pvt Ltd.	2 years	2022-2023	150000
30.	Dr. Md. Amir Khusru Akhtar	Investigation of Human-Computer Interaction for User Interface Design	BSL Casting Pvt Ltd.	3 years	2022-2023	250000
31.	Dr. Vinay Singh	Design and Implementation of Intelligent Transportation Systems for college students	BSL Casting Pvt Ltd.	2 years	2022-2023	350000

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32.	Dr. Sharmistha Roy	Development of Machine Learning Models for Sentiment Analysis in Social Media	BSL Casting Pvt Ltd.	3 years	2022-2023	200000
33.	Mr. Ashutosh Kumar	Investigation of Cloud Computing Models for Scalable and Reliable Service Provisioning	BSL Casting Pvt Ltd.	2 years	2022-2023	200000
34.	Dr. K Jyotsna	Design and Optimization of Algorithms for Data Compression and Coding Theory	BSL Casting Pvt Ltd.	2 years	2022-2023	150000
35.	Dr. Md. Saifiullah Khalid	Ethical Decision Making in Business and Its Impact on Stakeholder Perception	BSL Casting Pvt Ltd.	3 years	2022-2023	90000
36.	Prof. B N Dubey	Design and Optimization of Mine Production Scheduling and Optimization Models	BSL Casting Pvt Ltd.	2 years	2022-2023	200000
37.	Dr. Lokesh Kumar	Advanced Signal Processing Techniques for Image and Video Compression	BSL Casting Pvt Ltd.	3 years	2022-2023	240000
38.	Prof. B N Dubey	Implementation of Mine Reclamation Techniques for Ecosystem Restoration and Mining Engineering	BSL Casting Pvt Ltd.	2 years	2022-2023	220000
39.	Dr. Asim Ahmed	Design and Fabrication of Microelectromechanical Systems (MEMS)	To The New Pvt Ltd.	3 years	2022-2023	215000


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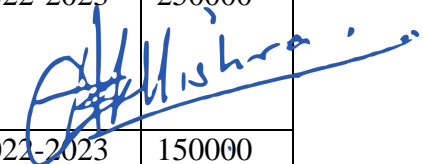
40.	Dr. Lopamudra Satapathy	Design and Implementation of Agro forestry Systems for Biodiversity Conservation and Sustainable Agriculture	To The New Pvt Ltd.	2 years	2022-2023	285000
41.	Dr. Prakash Chandra Panda	Exploring English Language Teaching Methods for Second Language Acquisition	To The New Pvt Ltd.	3 years	2022-2023	300000
42.	Dr. Dinesh Kumar Pandey	Gather financial statements through balance sheet	To The New Pvt Ltd.	2 years	2022-2023	200000
43.	Prof. B N Dubey	Development of Mine Rehabilitation and Closure Plans for Sustainable Post-Mining Land Use	Alok International Pvt Ltd	2 years	2022-2023	100000
44.	Dr. Akanksha Anand Saxena	investigation of Physiotherapy Interventions for Improving Respiratory Function in Individuals with Chronic Respiratory Diseases	Alok International Pvt Ltd	3 years	2022-2023	110000
45.	Dr. Jagesh Ranjan	Analysis of Vibration and Noise Reduction Techniques in Machinery	Alok International Pvt Ltd	2 years	2022-2023	120000
46.	Dr. Shimpi Kumari Chaturvedi	Investigating the Use of English in Digital and Social Media Communication	Alok International Pvt Ltd	3 years	2022-2023	120000
47.	Dr. Arvind Hans	Impact of Organizational Learning on Innovation and Competitive	Alok International Pvt Ltd	2 years	2022-2023	100000


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		Advantage				
48.	Dr. Md. Amir Khusru Akhtar	Design and Optimization of Algorithms for Network Routing and Switching	Alok International Pvt Ltd	2 years	2022-2023	100000
49.	Dr. Vinay Singh	Investigation of Human-Computer Interaction for User Interface Design	Alok International Pvt Ltd	2 years	2022-2023	150000
50.	Dr. Anupama Verma	E-commerce Security and Consumer Trust in Online Transactions	Alok International Pvt Ltd	3 years	2022-2023	131000
51.	Dr. Ritushree Narayan	Strategies for Effective Project Risk Management The Influence of Organizational Structure on Employee Performance	Alok International Pvt Ltd	2 years	2022-2023	100000
52.	Mr. Ashutosh Kumar	Optimization of Manufacturing Processes for Additive Manufacturing	Alok International Pvt Ltd	3 years	2022-2023	150000
53.	Dr. Nanda Shakti	Optimizing Solar Cell Efficiency Using Nanotechnology	Alok International Pvt Ltd	2 years	2022-2023	184000
54.	Dr. Nanda Shakti	Quantum Entanglement and Its Applications in Secure Communication	Interglobe Technology Quotient Pvt Ltd	3 years	2022-2023	100000
55.	Dr. K Jyotsna	Development of Mathematical Models for Climate Prediction and Weather Forecasting	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	150000


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56.	Dr. Md. Saifiullah Khalid	The Role of Organizational Structure in Facilitating Innovation and Creativity	Interglobe Technology Quotient Pvt Ltd	3 years	2022-2023	100000
57.	Prof. B N Dubey	Design and Optimization of Material Handling Systems for Efficient Mining Operations	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	150000
58.	Dr. Lokesh Kumar	Development of High-Efficiency Power Electronics Converters	Interglobe Technology Quotient Pvt Ltd	3 years	2022-2023	120000
59.	Prof. B N Dubey	Design Optimization for Economic Viability and Resource Recovery and Mine Planning.	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	100000
60.	Dr. Akanksha Anand Saxena	Development of Exercise Interventions for Prevention and Management of Diabetes-related Complications	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	150000
61.	Prof. B N Dubey	Development of Sustainable Energy Solutions for Mining Operations	Interglobe Technology Quotient Pvt Ltd	3 years	2022-2023	120000
62.	Dr. Lopamudra Satapathy	Development of Agricultural Robotics and Automation for Precision Farming	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	250000
63.	Dr. Md. Amir Khusru Akhtar	Investigation of Computer Vision Techniques for Object	Interglobe Technology	3 years	2022-2023	150000


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		Detection and Recognition	Quotient Pvt Ltd			
64.	Dr. Vinay Singh	Design and Optimization of Algorithms for Internet and data management.	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	120000
65.	Dr. Ritushree Narayan	Design and Optimization of Algorithms for Network Routing and Switching	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	100000
66.	Dr. Abhishek Pandey	Design and Optimization of Techniques for Healthcare Data and advisory system."	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	90000
67.	Dr. Jayantika Pal	Design and Optimization of Algorithms for Data Compression and Coding Theory	Interglobe Technology Quotient Pvt Ltd	3 years	2022-2023	100000
68.	Dr. Sharmistha Roy	Development of Privacy-Preserving Machine Learning Techniques for Healthcare Data	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	100000
69.	Mr. Ashutosh Kumar	Development of Energy-Efficient Heating, Ventilation, and Air Conditioning (HVAC) Systems	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	100000
70.	Dr. K Jyotsna	Design and Implementation of Algorithms for Image Processing and Computer graphics	Interglobe Technology Quotient Pvt Ltd	3 years	2022-2023	250000


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71.	Dr. K Jyotsna	Design and Optimization of Algorithms for Data Compression and Coding Theory	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	300000
72.	Dr. Md. Saifiullah Khalid	The Impact of Leadership Development on Employee Performance	Interglobe Technology Quotient Pvt Ltd	3 years	2022-2023	250000
73.	Prof. B N Dubey	Assessment of different ground support systems for tunnel excavation.	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	200000
74.	Dr. Lokesh Kumar	Smart Grids and Demand Response Management for Energy Efficiency	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	250000
75.	Prof. B N Dubey	Development of an automated ore sorting system for mining operations.	Interglobe Technology Quotient Pvt Ltd	3 years	2022-2023	350000
76.	Dr. Akanksha Anand Saxena	The Effectiveness of Postural Education and Correction in the Prevention of Musculoskeletal Disorders	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	200000
77.	Dr. Jagesh Ranjan	Machine Learning Algorithms for Anomaly Detection in Power Systems	Interglobe Technology Quotient Pvt Ltd	3 years	2022-2023	300000
78.	Dr. Shimpi Kumari Chaturvedi	Investigating English Language Teaching Approaches for Critical	Interglobe Technology	2 years	2022-2023	200000


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		Thinking Skills Development	Quotient Pvt Ltd			
79.	Dr. Arvind Hans	Strategies for Managing Organizational Change and Innovation	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	250000
80.	Dr. Md. Amir Khusru Akhtar	"Data Privacy in Internet of Things (IoT) Smart Cities	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	250000
81.	Dr. Vinay Singh	Cyber security in Internet of Things (IoT) Healthcare Devices	Interglobe Technology Quotient Pvt Ltd	3 years	2022-2023	200000
82.	Dr. Akanksha Anand Saxena	Design and Optimization of Postural Correction Programs for Musculoskeletal Disorders	Auto International India Pvt Ltd	3 years	2022-2023	200000
83.	Dr. Jagesh Ranjan	Analysis of Energy Storage Technologies for Renewable Integration	Auto International India Pvt Ltd	2 years	2022-2023	150000
84.	Dr. Shimpi Kumari Chaturvedi	The Representation of Gender in English Literature: Stereotypes and Subversions	Auto International India Pvt Ltd	3 years	2022-2023	250000
85.	Dr. Arvind Hans	The Relationship between Corporate Culture and Corporate Social Responsibility	Auto International India Pvt Ltd	2 years	2022-2023	200000
86.	Dr. Md. Amir	Investigation of Artificial Intelligence in Robotics and	Auto International	3 years	2022-2023	300000


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	Khusru Akhtar	Automation Systems	India Pvt Ltd			
87.	Dr. Vinay Singh	Design and Optimization of Algorithms for Resource Management in Edge Computing	Blue Jet Healthcare Private Limited	2 years	2022-2023	200000
88.	Dr. Sharmistha Roy	Block chain and Decentralized Digital Identity	Blue Jet Healthcare Private Limited	2 years	2022-2023	350000
89.	Mr. Ashutosh Kumar	Advancements in Sustainable Energy Conversion Technologies	Blue Jet Healthcare Private Limited	3 years	2022-2023	200000
90.	Dr. Nanda Shakti	Investigating Superconductivity at High Temperatures" "Quantum Computing: Algorithms and Implementations	Blue Jet Healthcare Private Limited	2 years	2022-2023	250000
91.	Dr. K Jyotsna	Development of Mathematical Models for Climate Prediction and Weather Forecasting	Blue Jet Healthcare Private Limited	3 years	2022-2023	350000
92.	Dr. Md. Saifiullah Khalid	Analyzing the Relationship between Organizational Commitment and Job Satisfaction	Blue Jet Healthcare Private Limited	2 years	2022-2023	200000
93.	Prof. B N Dubey	Application of satellite communication for remote mine site monitoring.	Blue Jet Healthcare Private Limited	2 years	2022-2023	300000


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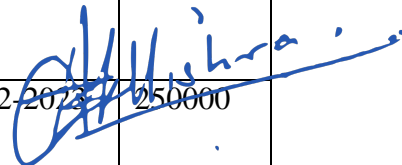
94.	Dr. Lokesh Kumar	Exploring Novel Antenna Designs for 5G and Beyond	Blue Jet Healthcare Private Limited	3 years	2022-2023	200000
95.	Prof. B N Dubey	Study of heap leaching kinetics for metal extraction optimization.	Blue Jet Healthcare Private Limited	2 years	2022-2023	250000
96.	Dr. Md. Amir Khusru Akhtar	Quantum Computing for Machine Learning Model Training	Blue Jet Healthcare Private Limited	3 years	2022-2023	250000
97.	Dr. Vinay Singh	Computer Vision for Gesture-Based Human-Computer Interaction	Blue Jet Healthcare Private Limited	2 years	2022-2023	200000
98.	Dr. Ritushree Narayan	The Effect of Employee Empowerment on Organizational Performance	Blue Jet Healthcare Private Limited	2 years	2022-2023	350000
99.	Dr. Arvind Hans	The Role of Emotional Intelligence in Leadership Decision Making	Blue Jet Healthcare Private Limited	2 years	2022-2023	200000
100.	Dr. Md. Amir Khusru Akhtar	Machine Learning for Speech Synthesis	Blue Jet Healthcare Private Limited	3 years	2022-2023	250000
101.	Dr. Vinay Singh	internet of Things (IoT) and Disaster Management	Blue Jet Healthcare Private Limited	2 years	2022-2023	350000


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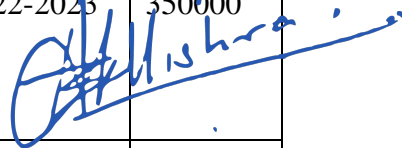
102.	Dr. Sharmistha Roy	Federated Learning for Privacy-Preserving Social Media Analytics	Blue Jet Healthcare Private Limited	3 years	2022-2023	200000
103.	Mr. Ashutosh Kumar	Quantum Computing Algorithms and Hardware Implementations"	Blue Jet Healthcare Private Limited	2 years	2022-2023	300000
104.	Dr. Jagesh Ranjan	Artificial Intelligence-based Control Systems for Robotics"	Blue Jet Healthcare Private Limited	2 years	2022-2023	200000
105.	Dr. Shimpi Kumari Chaturvedi	The Influence of English in Academic Publishing and Scholarly Communication	Blue Jet Healthcare Private Limited	3 years	2022-2023	350000
106.	Dr. Arvind Hans	The Impact of Leadership Development on Employee Engagement	Blue Jet Healthcare Private Limited	2 years	2022-2023	200000
107.	Dr. Md. Amir Khusru Akhtar	Data Anonymization Techniques for Location Data	Blue Jet Healthcare Private Limited	3 years	2022-2023	225000
108.	Dr. Vinay Singh	Block chain and Decentralized Energy Grids	Blue Jet Healthcare Private Limited	2 years	2022-2023	200000
109.	Dr. Sharmistha Roy	Computer Graphics for Virtual Reality Training	Blue Jet Healthcare Private Limited	2 years	2022-2023	200000


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110.	Mr. Ashutosh Kumar	"Study of Bio-inspired Crawling Mechanisms in Robots	Blue Jet Healthcare Private Limited	2 years	2022-2023	225000
111.	Dr. Nanda Shakti	Understanding the Physics of Neutron Stars	IFL Housing Finance Limited	3 years	2022-2023	200000
112.	Dr. Akanksha Anand Saxena	Investigation of the Effects of Taping Techniques in Patellofemoral Pain Syndrome	IFL Housing Finance Limited	2 years	2022-2023	350000
113.	Dr. Jagesh Ranjan	Integration of Renewable Energy Sources into Power Grids	IFL Housing Finance Limited	3 years	2022-2023	250000
114.	Dr. Shimpi Kumari Chaturvedi	The Role of English in International Aid and Development Projects	IFL Housing Finance Limited	2 years	2022-2023	250000
115.	Dr. Anupama Verma	"The Impact of Leadership Development on Employee Engagement and student welfare.	Ag Poly Packs Pvt Ltd	3 years	2022-2023	200000
116.	Dr. Ritushree Narayan	Cyber security in Internet of Things (IoT) Wearables	Ag Poly Packs Pvt Ltd	2 years	2022-2023	250000
117.	Dr. Abhishek Pandey	Quantum Algorithms for Optimization in Logistics	Ag Poly Packs Pvt Ltd	3 years	2022-2023	200000
118.	Dr. Jayantika Pal	Investigation of Number Theory and Diophantine Equation	Ag Poly Packs Pvt Ltd	2 years	2022-2023	250000
119.	Dr. Sharmistha Roy	Block chain and Secure Data Sharing	Ag Poly Packs Pvt	3 years	2022-2023	350000


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			Ltd			
120.	Mr. Ashutosh Kumar	Design and Analysis of Active Flow Control Systems	Ag Poly Packs Pvt Ltd	2 years	2022-2023	250000
121.	Dr. Nanda Shakti	Development of Soft Robots for Search and Rescue Missions	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	300000
122.	Dr. K Jyotsna	Design and Implementation of Algorithms for Data Mining and Pattern Recognition	Interglobe Technology Quotient Pvt Ltd	3 years	2022-2023	200000
123.	Dr. Md. Saifiullah Khalid	Evaluating the Effectiveness of Talent Development Strategies	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	250000
124.	Prof. B N Dubey	Evaluation of different roof bolting patterns for rock support in mines.	Interglobe Technology Quotient Pvt Ltd	3 years	2022-2023	250000
125.	Dr. Lokesh Kumar	Energy Harvesting Techniques for Self-Powered IoT Devices	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	200000
126.	Dr. Shimpi Kumari Chaturvedi	Analyzing English Language Use in Social Media Discourse and Online Communication	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	350000
127.	Dr. Arvind Hans	Measuring the Success of Leadership Coaching and Mentoring Programs	Interglobe Technology	2 years	2022-2023	200000


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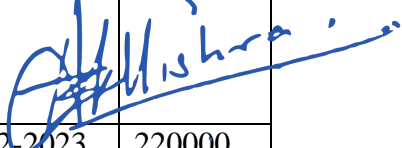
			Quotient Pvt Ltd			
128.	Dr. Md. Amir Khusru Akhtar	Block chain and Digital Copyright Management	Interglobe Technology Quotient Pvt Ltd	3 years	2022-2023	250000
129.	Dr. Vinay Singh	Federated Learning for Privacy-Preserving Smart Cities	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	350000
130.	Dr. Sharmistha Roy	Computer Vision for Activity Recognition	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	200000
131.	Dr. Ritushree Narayan	Machine Learning for Medical Image Segmentation	Interglobe Technology Quotient Pvt Ltd	3 years	2022-2023	100000
132.	Dr. Abhishek Pandey	Computer Graphics for Computer-Aided Design (CAD)	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	200000
133.	Dr. Jayantika Pal	Development of Mathematical Models for Stock Market Analysis and Predictions	Interglobe Technology Quotient Pvt Ltd	3 years	2022-2023	250000
134.	Dr. Sharmistha Roy	Internet of Things (IoT) and Environmental Sustainability	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	250000
135.	Mr. Ashutosh	Electric Vehicle Battery Management	Interglobe Technology	2 years	2022-2023	200000


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	Kumar	Systems	Quotient Pvt Ltd			
136.	Dr. Nanda Shakti	"Optimization of Soft Robots for Bio-medical Applications"	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	250000
137.	Dr. K Jyotsna	Investigation of Mathematical Logic and Foundations of Mathematics	Interglobe Technology Quotient Pvt Ltd	3 years	2022-2023	250000
138.	Dr. Md. Saifiullah Khalid	Measuring the Success of Employee Recognition and Incentive Programs	Interglobe Technology Quotient Pvt Ltd	3 years	2022-2023	250000
139.	Prof. B N Dubey	Investigating the impact of mining on soil erosion and sedimentation.	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	250000
140.	Dr. Lokesh Kumar	Flexible and Wearable Electronics for Biomedical Applications"	Interglobe Technology Quotient Pvt Ltd	3 years	2022-2023	200000
141.	Prof. B N Dubey	Utilization of mine tailings for the production of construction bricks.	Interglobe Technology Quotient Pvt Ltd	2 years	2022-2023	250000
142.	Dr. Akanksha Anand Saxena	Development of Exercise Interventions for Prevention and Management of Diabetes-related Complications	A G Synergy Private Limited	3 years	2022-2023	100000



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143.	Prof. B N Dubey	Utilization of mine tailings for the production of construction bricks.	A G Synergy Private Limited	2 years	2022-2023	220000
144.	Dr. Meenakshi Kumari and Dr. Naghma Khatoon	The Influence of Organizational Climate on Employee Job Satisfaction	A G Synergy Private Limited	2 years	2022-2023	180000
145.	Dr. Lopamudra Satapathy	Investigation of Sustainable Water Management Practices for Agricultural Productivity and Conservation	AG Poly Packs Pvt Ltd	3 years	2022-2023	350000
146.	Dr. K Jyotsna	Design and Optimization of Algorithms for Machine Learning and Artificial Intelligence	AG Poly Packs Pvt Ltd	2 years	2022-2023	250000
147.	Dr. Sharmistha Roy	Data Privacy in Internet of Things (IoT) Applications	Impex Healthcare Private Limited	3 years	2022-2023	200000
148.	Mr. Ashutosh Kumar	"Advancements in Sustainable Transportation Infrastructures	Impex Healthcare Private Limited	2 years	2022-2023	354000
149.	Dr. Nanda Shakti	Study of Bio-inspired Swarming Mechanisms for Robotics	Impex Healthcare Private Limited	2 years	2022-2023	200000
150.	Dr. K Jyotsna	Development of Mathematical Models for Social Network Analysis and Influence Propagation	Impex Healthcare Private Limited	3 years	2022-2023	150000
151.	Dr. Md. Saifiullah Khalid	Analyzing the Relationship between Organizational Support and Job	Impex Healthcare Private Limited	2 years	2022-2023	220000


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		Performance				
152.	Prof. B N Dubey	Development of a hazard identification system for mining operations.	Impex Healthcare Private Limited	3 years	2022-2023	126000
153.	Dr. Lokesh Kumar	Enhancing Power Quality in Electrical Distribution Networks	Shirja Real Estate Solutions Privat	3 years	2022-2023	190000
154.	Dr. Shimpi Kumari Chaturvedi	Exploring English Language Use in Political Speeches and Rhetoric	Shirja Real Estate Solutions Privat	2 years	2022-2023	210000
155.	Dr. Arvind Hans	The Effect of Employee Motivation on Organizational Creativity	Shirja Real Estate Solutions Privat	3 years	2022-2023	200000
156.	Dr. Md. Amir Khusru Akhtar	Cyber security in Cloud-Native Applications	Blue Jet Healthcare Ltd	2 years	2022-2023	350000
157.	Dr. Vinay Singh	Quantum Cryptanalysis and Post-Quantum Cryptography	Blue Jet Healthcare Ltd	2 years	2022-2023	200000
158.	Dr. K Jyotsna	Investigation of Computational Geometry and Geometric Algorithms	Blue Jet Healthcare Ltd	2 years	2022-2023	300000
159.	Dr. Md. Saifiullah Khalid	The Impact of Leadership Styles on Employee Satisfaction	Blue Jet Healthcare Ltd	3 years	2022-2023	250000
160.	Prof. B N Dubey	Assessment of mine-induced seismicity risks in faulted rock formations	Blue Jet Healthcare Ltd	2 years	2022-2023	200000
161.	Dr. Lokesh Kumar	Security and Privacy in Internet of	Blue Jet	3 years	2022-2023	350000


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		Things (IoT) Devices"	Healthcare Ltd			
162.	Ms. Tulika Sinha	The Relationship between Law and Social Change in Shaping Public Policy and Legal Reforms	Blue Jet Healthcare Ltd	2 years	2022-2023	200000
163.	Dr. Lopamudra Satapathy	Development of Mobile and ICT-based Tools for Agricultural Extension and Advisory Services	Blue Jet Healthcare Ltd	2 years	2022-2023	250000
164.	Dr. Meenakshi Kumari and Dr. Naghma Khatoon	Evaluating the Effectiveness of Employee Training and Development Initiatives	Blue Jet Healthcare Ltd	3 years	2022-2023	200000
165.	Dr. K Jyotsna	Design and Implementation of Algorithms for Combinatorial Optimization Problems	Blue Jet Healthcare Ltd	2 years	2022-2023	250000
166.	Dr. Md. Saifiullah Khalid	Strategies for Enhancing Employee Engagement and Commitment	Blue Jet Healthcare Ltd	3 years	2022-2023	200000
167.	Prof. B N Dubey	The Role of Artificial Intelligence in Employee Performance Management"	Blue Jet Healthcare Ltd	2 years	2022-2023	350000
168.	Dr. Md. Saifiullah Khalid	The Influence of Organizational Justice on Employee Motivation	Blue Jet Healthcare Ltd	2 years	2022-2023	250000
169.	Dr. Naghma Khatoon	The Relationship between Employee Engagement and Organizational Performance	Blue Jet Healthcare Ltd	2 years	2022-2023	300000


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170.	Dr. Akanksha Anand Saxena	The Effectiveness of Exercise Interventions in Improving Balance and Stability in Older Adults	Blue Jet Healthcare Ltd	3 years	2022-2023	250000
171.	Dr. Sharmistha Roy	Investigation of Deep Learning Techniques for Image Recognition and Classification	Blue Jet Healthcare Ltd	2 years	2022-2023	200000
172.	Mr. Subhash Chandra Paramanik	Strategies for business success after a recession	Blue Jet Healthcare Ltd	3 years	2022-2023	250000
173.	Dr. Arvind Hans and Dr. Anupama Verma	Pros and cons of job specialization in the banking industry	Blue Jet Healthcare Ltd	2 years	2022-2023	200000
174.	Dr. Lopamudra Satapathy	Modern techniques of Horticulture	Blue Jet Healthcare Ltd	3 years	2022-2023	300000
175.	Dr. Abhishek Pandey	Design and Optimization of Algorithms for Big Data Analytics	Blue Jet Healthcare Ltd	2 years	2022-2023	250000
176.	Dr. Lokesh Kumar	Investigation of Quantum Cryptography for Secure Communication	Blue Jet Healthcare Ltd	3 years	2022-2023	200000
177.	Mr. Ashutosh Kumar	Optimization of Manufacturing Processes for Composite Structures	Blue Jet Healthcare Ltd	2 years	2022-2023	250000
178.	Dr. Asim Ahmed, Dr. Jagesh Ranjan	Design and Optimization of Unmanned Aerial Vehicles (UAVs)	Blue Jet Healthcare Ltd	3 years	2022-2023	200000


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179.	Dr. Abhishek Pandey	Development of Privacy-Preserving Techniques for Secure Data Sharing in Cloud Computing	Blue Jet Healthcare Ltd	2 years	2022-2023	250000
180.	Dr. Asim Ahmed	Design and Fabrication of Microelectromechanical Systems (MEMS)	Hindustan Adhesives Ltd	3 years	2022-2023	180000
181.	Dr. Prakash Chandra Panda and Dr. Shimpi Kumari Chaturvedi	introduction to Customer Relationship Management	Bagla Foundation	2 years	2022-2023	180000
182.	Dr. Md. Saifullah Khalid	Effect of quality control for implementing project	Sakarni Plaster India Private Limit	3 years	2022-2023	250000
183.	Dr. Abhishek Pandey	Development of Machine Learning Algorithms for Predictive Maintenance in Industrial Applications	Sakarni Plaster India Private Limit	2 years	2022-2023	150000
184.	Mr. Rahul Kumar Gupta	Investigation of Sustainable Construction Materials for Infrastructure Development	Sakarni Plaster India Private Limit	2 years	2022-2023	200000
185.	Mr. Devesh Kumar Upadhyay	The Effectiveness of Performance Appraisal Systems in Enhancing Employee Motivation	Sakarni Plaster India Private Limit	3 years	2022-2023	250000
186.	Dr. Shailza Nimmi Guria	The Impact of Nursing Staffing Levels on Patient Outcomes and Safety	Sakarni Plaster India Private Limit	2 years	2022-2023	250000


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187.	Dr. B.N Dubey , Dr. Lokesh Kumar	Treatment Systems for Environmental Protection and Public Health	Sakarni Plaster India Private Limit	3 years	2022-2023	250000
188.	Dr. Lopamudra Satapathy	Development of Integrated Pest Management Strategies for Sustainable Crop Protection	Sakarni Plaster India Private Limit	2 years	2022-2023	150000
189.	Dr. Jayantika Pal	Design and Implementation of Machine Learning Algorithms for Pattern Recognition	Sakarni Plaster India Private Limit	2 years	2022-2023	180000
190.	Dr. Sharmistha Roy	Factors Influencing Consumer Perception and Purchase Intention in Online Marketplaces	Sakarni Plaster India Private Limit	2 years	2022-2023	250000
191.	Dr. Nanda Shakti	Design and Optimization of Algorithms for Graph Theory and Network Analysis	Sakarni Plaster India Private Limit	3 years	2022-2023	200000
192.	Mrs. Tulika Sinha	Examine of Cyber Law and Focusing on Data Protection	Sakarni Plaster India Private Limit	2 years	2022-2023	220000
193.	Dr. Vinay Singh	Software development for automatic answer correction	Blue Jet Healthcare Limited	2 years	2022-2023	300000
194.	Dr. Lopamudra Satapathy	Investigation of Soil Fertility Management for Enhanced Nutrient Cycling and Productivity	Blue Jet Healthcare Limited	3 years	2022-2023	200000
195.	Dr. Akanksha	Design and Optimization of Exercise Programs for Athletes'	Blue Jet	2 years	2022-2023	200000


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	Anand Saxena	Performance Enhancement	Healthcare Limited			
196	Mr. Ashutosh Kumar	Medical diseases diagnosis using data mining	Blue Jet Healthcare Limited	3 years	2022-2023	350000
197	Dr. Amir Khusru Akhtar	Development of Intelligent Recommendation Systems for Personalized Content Delivery	Blue Jet Healthcare Limited	2 years	2022-2023	250000
198	Dr. Asim Ahmed, Dr. Jagesh Ranjan	Data privacy in software management.	Blue Jet Healthcare Limited	2 years	2022-2023	250000
199	Dr. Anupama Verma , Mrs. Tulika Sinha	Impact of Technological Advancements on Business Process Management	Blue Jet Healthcare Limited	2 years	2022-2023	250000
200	Dr. Arvind Hans, Mr. Deli Kumar Ranjan	The Role of Strategic Human Resource Management in Organizational Success	Blue Jet Healthcare Limited	3 years	2022-2023	250000
201	Dr. Md. Saifullah Khalid , Dr. Sailesh Narayan	The Influence of Organizational Culture on Employee Job Satisfaction	Blue Jet Healthcare Limited	3 years	2022-2023	250000
202	Dr. Meenakshi Kumari, Dr. Sailesh Narayan	Investigation of Drug-Induced Liver Injury and Hepatotoxicity Mechanisms	Blue Jet Healthcare Limited	2 years	2022-2023	250000
203	Dr. Anupama Verma and Mr. Nishant	The Influence of Organizational Culture on Employee Job Satisfaction	Blue Jet Healthcare Limited	3 years	2022-2023	250000


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204.	Dr. Md. Saifullah Khalid and Mr. Ashish Kumar Vicky	Impact of Globalization on International Business Strategies	Blue Jet Healthcare Limited	2 years	2022-2023	250000
205.	Dr. Dinesh K. Pandey and Dr. Meenakshi Kumari	Design and Implementation of data Management Strategies for innovation	Blue Jet Healthcare Limited	2 years	2022-2023	250000
206.	Mr. Devesh Kumar Upadhyay	Effective collaboration between digital and web-based	Blue Jet Healthcare Limited	3 years	2022-2023	250000
207.	Dr. Arvind Hans and Dr. Anupama Verma	Factors Influencing Consumer Trust and Loyalty in Online Retailing	Blue Jet Healthcare Limited	2 years	2022-2023	250000
208.	Dr. Leena Srivastav and Ms. Priyanka Pallawai	Effective Supply Chain Risk Management in Times of Uncertainty	Blue Jet Healthcare Limited	3 years	2022-2023	350000
209.	Dr. Md. Saifullah Khalid and Ms. Sejal	The Role of Emotional Intelligence in Effective Customer Relationship Management	Blue Jet Healthcare Limited	2 years	2022-2023	350000
210.	Mrs. Tulika Sinha	Factors Influencing Entrepreneurial Success and Failure	Blue Jet Healthcare Limited	2 years	2022-2023	200000
211.	Dr. Asim Ahmed	Energy Harvesting Techniques for Self-Powered Sensors in Mechanical Systems	Blue Jet Healthcare Limited	3 years	2022-2023	310000


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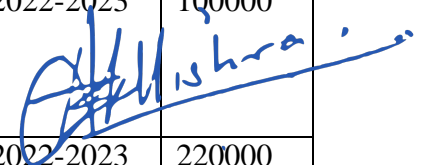
212.	Mr. Subhash Chandra Paramanik	Multi Microcontroller web service	Blue Jet Healthcare Limited	2 years	2022-2023	200000
213.	Mr. Ashutosh Kumar	Design and Development of Intelligent Systems for Fraud Prevention in Online Transactions	Blue Jet Healthcare Limited	3 years	2022-2023	200000
214.	Dr. Dinesh Kumar Pandey, Dr. Meenakshi Kumari	Design and Implementation of Mining Waste Management Strategies for Environmental Remediation	Blue Jet Healthcare Limited	2 years	2022-2023	200000
215.	Dr. Vinay Singh	Development of Intelligent Recommendation Systems for Personalized Content Delivery	Blue Jet Healthcare Limited	2 years	2022-2023	200000
216.	Dr. Asim Ahmed	High Security Encryption and Secure Data Transfer	Blue Jet Healthcare Limited	2 years	2022-2023	320000
217.	Mr. Subhash Chandra Paramanik	High Security Encryption and Networking System	Blue Jet Healthcare Limited	3 years	2022-2023	350000
218.	Dr. Anupama Verma	Quality control Strategies for student performance	Blue Jet Healthcare Limited	3 years	2022-2023	250000
219.	Dr. Arvind Hans, Dr. Md. Saifullah Khalid	Factors Influencing Consumer Trust and Loyalty in Online Retailing	Blue Jet Healthcare Limited	2 years	2022-2023	200000
220.	Dr. Lokesh Kumar	Development of Innovative Pavement Materials and Design for Long-lasting and	Blue Jet Healthcare Limited	3 years	2022-2023	250000


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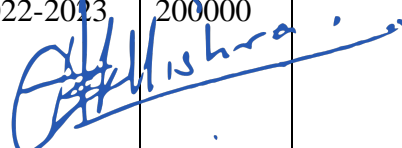
		Sustainable Roads				
221	Dr. Md. Amir Khusru Akhtar	Design and Optimization of Algorithms for Network Routing and Switching	Blue Jet Healthcare Limited	2 years	2022-2023	240000
222	Dr. Sharmistha Roy	Investigation of Cloud Computing Models for Scalable and Reliable Service Provisioning	Blue Jet Healthcare Limited	3 years	2022-2023	220000
223	Dr. Lokesh Kumar	Investigation of Quantum Cryptography for Secure Communication	Blue Jet Healthcare Limited	2 years	2022-2023	200000
224	Dr. Md. Amir Khusru Akhtar	Design and Optimization of Algorithms for Network Routing and Switching	Blue Jet Healthcare Limited	2 years	2022-2023	200000
225	Dr. Dinesh K. Pandey and Dr. Meenakshi Kumari	Digital representation of physical objects	Blue Jet Healthcare Limited	3 years	2022-2023	250000
226	Dr. Leena Srivastav and Dr. Dinesh Kumar Pandey	Strategic Brand Management in the Age of Social Media The Relationship between Corporate Culture and Corporate Social Responsibility	Blue Jet Healthcare Limited	2 years	2022-2023	200000
227	Dr. Anupama Verma and Dr. Arvind Hans	computer-aided design (CAD) software to create detailed drawings and simulations of the proposed	Blue Jet Healthcare Limited	3 years	2022-2023	260000


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		system.				
228.	Dr. Dinesh Kumar Pandey and Dr. Md. Saifullah Khalid	Techniques for Improved Project Performance and Cost Control	Blue Jet Healthcare Limited	2 years	2022-2023	200000
229.	Dr. Meenakshi Kumari and Ms. Sejal	financial statement preparation and financial modeling	Blue Jet Healthcare Limited	2 years	2022-2023	300000
230.	Dr. Madhulika Kaushik and Dr. Md. Saifullah Khalid	controlling, and decision-making purposes in accounting Management	Blue Jet Healthcare Limited	2 years	2022-2023	250000
231.	Dr. Arvind Hans and Dr. Anupama Verma	Evaluating investment opportunities in Capital budgeting	Blue Jet Healthcare Limited	3 years	2022-2023	200000
232.	Dr. Anupama Verma and Ms. Priyanka Pallawai	The Role of Organizational Structure in Facilitating Innovation and Creativity	Blue Jet Healthcare Limited	3 years	2022-2023	250000
233.	Dr. Md. Saifullah Khalid and Mr. Nishant	Strategies for Effective Knowledge Transfer and Knowledge Sharing in Organizations	To The New Private Limited	2 years	2022-2023	100000
234.	Dr. Prakash Chandra Panda and Dr. Shimpi Kumari	Analyzing Variations in English Dialects and Accents The Impact of English Language	To The New Private Limited	3 years	2022-2023	220000


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	Chaturvedi	Proficiency on Academic Success				
235.	Dr. Md. Saifullah Khalid and Dr. Prakash Chandra Panda	Distribution and logistics in inventory management	To The New Private Limited	2 years	2022-2023	235000
236.	Dr. Meenakshi Kumari and Mr. Ashish Kumar Vicky	Supply chain management and customer service.	To The New Private Limited	3 years	2022-2023	150000
237.	Dr. Anupama Verma	Recording financial transactions by software management system	To The New Private Limited	2 years	2022-2023	320000
238.	Dr. Dinesh Kumar Pandey and Mr. Ashish Kumar Vicky	Design and Optimization of Data management and Ecommerce services	To The New Private Limited	2 years	2022-2023	250000
239.	Dr. Meenakshi Kumari and Ms. Sejal	Consumer protection and ethical standards.	To The New Private Limited	3 years	2022-2023	180000
240.	Dr. Madhulika Kaushik, Dr. Arvind Hans, Dr. Anupama Verma	Factors Influencing Entrepreneurial Success and Failure	To The New Private Limited	2 years	2022-2023	200000
241.	Dr. Asim Ahmed	Implement the storm water	To The New	3 years	2022-2023	250000


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		management system	Private Limited			
242.	Mr. Subhash Chandra Paramanik	Investigation of Advanced Construction Techniques for Rapid and Cost-Effective Project Delivery	To The New Private Limited	2 years	2022-2023	250000
243.	Mr. Ashutosh Kumar	Design and Optimization of Transportation Systems for Efficient and Sustainable Mobility	To The New Private Limited	2 years	2022-2023	225000
244.	Dr. Vipin Kumar	Development of Smart Control Systems for Robotics and Automation	To The New Private Limited	3 years	2022-2023	350000
245.	Mr. Subhash Chandra Paramanik	Data Collection rope growth parameters, and yield measurements	To The New Private Limited	2 years	2022-2023	220000


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List of the funded research project title with details of Principle Investigator, Amount Sanctioned And Sanctioning in the year

2021-22

S.No.	Name of the PI/ Co-PI/Name of the person holding the Chair	Title of the research project, endowments, Research Chairs	Name of the funding agency	Duration	Year of award or sanction	Amount in INR.
1.	Dr. Abhishek Pandey	Development of Machine Learning Models for Sentiment Analysis in Social Media	Usha Breco Ltd.	3 years	2021-2022	150000
2.	Dr. Jayantika Pal	Design and Optimization of Algorithms for Graph Theory and Network Analysis	Usha Breco Ltd.	2 years	2021-2022	200000
3.	Dr. Sharmistha Roy	Investigation of Cloud Computing Models for Scalable and Reliable Service Provisioning	Usha Breco Ltd.	3 years	2021-2022	150000
4.	Mr. Ashutosh Kumar	Development of Mathematical Models for Traffic Flow and Transportation Planning	Usha Breco Ltd.	2 years	2021-2022	180000
5.	Dr. Nanda Shakti	investigation of Chaos Theory and Dynamical Systems Design and Implementation of Algorithms for Image	Usha Breco Ltd.	2 years	2021-2022	90000


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		Processing and Computer Vision				
6.	Dr. K Jyotsna	Investigation of Cryptography and Data Encryption Algorithm	Usha Breco Ltd.	3 years	2021-2022	95000
7.	Dr. Md. Saifiullah Khalid	Impact of Digital Marketing Strategies on Consumer Behavior.	Usha Breco Ltd.	2 years	2021-2022	170000
8.	Prof. B N Dubey	Investigation of Geotechnical Stability and Slope Stability Analysis in Open Pit Mining	Usha Breco Ltd.	3 years	2021-2022	120000
9.	Dr. Lokesh Kumar	Techniques for Improved Project Performance and Cost Control	Usha Breco Ltd.	2 years	2021-2022	125000
10.	Ms. Tulika Sinha	Development of Legal Frameworks for Cyber security and Data Privacy	Usha Breco Ltd.	3 years	2021-2022	100000
11.	Dr. Lopamudra Satapathy	Development of Agricultural Waste Management Systems for Environmental Sustainability	Usha Breco Ltd.	2 years	2021-2022	130000
12.	Dr. Meenakshi Kumari and Dr. Naghma Khaton	Effective Supply Chain Risk Management in Times of Uncertainty	Usha Breco Ltd.	3 years	2021-2022	105000


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13.	Dr. K Jyotsna	Development of Mathematical Models for Financial Risk Assessment and Portfolio Optimization	Usha Breco Ltd.	2 years	2021-2022	120000
14.	Dr. Md. Saifiullah Khalid	The Role of Knowledge Management in Enhancing Organizational Performance	Usha Breco Ltd.	3 years	2021-2022	125000
15.	Prof. B N Dubey	Design and Optimization of Rock Fragmentation Techniques for Efficient Ore Extraction	Usha Breco Ltd.	2 years	2021-2022	120000
16.	Dr. Md. Saifiullah Khalid	The Impact of Employee Motivation on Organizational Commitment	Usha Breco Ltd.	2 years	2021-2022	110000
17.	Dr. Vinay Singh	Design and Optimization of Algorithms for Network Security and Intrusion Detection	Usha Breco Ltd.	3 years	2021-2022	120000
18.	Dr. Ritushree Narayan	Factors Influencing Consumer Perception and Purchase Intention in Online Marketplaces	Usha Breco Ltd.	2 years	2021-2022	100000
19.	Dr. Abhishek Pandey	Development of Explainable Recommender Systems for E	Usha Breco Ltd.	3 years	2021-2022	90000


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		commerce Platforms				
20.	Dr. Jayantika Pal	Development of Mathematical Models for Population Dynamics and Ecology	Usha Breco Ltd.	2 years	2021-2022	100000
21.	Mrs. Tulika Sinha	Impact of reservation policy on Munda Community of Jharkhand	BlackBoard Education and Research	3 years	2021-2022	285000
22.	Dr. Leena Srivastava , Dr. Shubrosekhar Chakraborty	Skill needs of secondary school graduates for employment in rice production enterprises	Usha Breco Ltd	2 years	2021-2022	285000
23.	Dr. Asim Ahmed, Mr. Ashutosh Kumar, Dr. Jagesh Ranjan & Dr. Jayantika Pal	Testing Mechanical Properties of an Aluminum Carbide Composite connecting ROD Containing varying Volume Fractions of SIC	Sree Metaliks Limited	3 years	2021-2022	200000
24.	Dr. Anupama Verma, Dr. Jagesh Ranjan	The level of community participation in the conservation of natural resources	Sree Metaliks Limited	2 years	2021-2022	285000
25.	Dr. Vinay Singh	Information and communication technology deployment in architectural firms in India	Sree Metaliks Limited	3 years	2021-2022	275000

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26.	Dr. Lopamudra Satapathy	The effects of climate change adaptation strategies on food crop production efficiency	Sree Metaliks Limited	2 years	2021-2022	260000
27.	Dr. Shimpi Kumari Chaturvedi	Socio-economic and cultural analyses of food security among selected ethnic groups in India	Sree Metaliks Limited	3 years	2021-2022	2,55,000
28.	Dr. Meenakshi Kumari	Design and implementation of computer accounting system of a non-profitable organization.	Sree Metaliks Limited	2 years	2021-2022	2,90,000
29.	Dr. Md. Amir Khusru Akhtar	Design and implementation of an automated car plate number recognition system.	Sree Metaliks Limited	3 years	2021-2022	240000
30.	Dr. Dinesh Kumar Pandey , Dr. Ritushree Narayan	Design and implementation of a computerized online monetary transaction system.	Sree Metaliks Limited	2 years	2021-2022	290000
31.	Dr. Md. Saifullah Khalid, Ms. Sejal Jain	Design and implementation of an automated hotel reservation management system.	Sree Metaliks Limited	3 years	2021-2022	300000
32.	Dr. Abhishek Pandey	Investigation of Cyber security Threats and Countermeasures in Internet of Things (IoT) Networks	Sree Metaliks Limited	2 years	2021-2022	180000
33.	Mr. Ashutosh Kumar	Development of Lightweight	Sree Metaliks	2 years	2021-2022	220000


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		Materials for Aerospace Application	Limited			
34.	Dr. Akanksha Anand Saxena	Development of Tele-rehabilitation Systems for Remote Physiotherapy Services	Sree Metaliks Limited	3 years	2021-2022	250000
35.	Dr. Abhishek Pandey, Mr. Subhash Chandra Paramanik , Mr. Ashutosh Kumar, Dr. Jagesh Ranjan, Dr. Sharmistha Roy & Dr. Jayantika Pal	Construction of a Portable Electric Operated Wireless Remote Control System with Radio Control for Luxury Bus.	Orlando Medisystem Pvt. Ltd.	2 years	2021-2022	230000
36.	Dr. Lopamudra Satapathy	Environmental effects of the use of agro- chemicals for rice cultivation	Orlando Medisystem Pvt. Ltd.	2 years	2021-2022	265000
37.	Dr. Prakash Chandra Panda	The role of modern communication tools in the development of secretarial profession	Orlando Medisystem Pvt. Ltd.	2 years	2021-2022	245000
38.	Dr. Dinesh Kumar Pandey	Impacts of trade unionism and collective bargaining in promoting job satisfaction in the local government system.	Orlando Medisystem Pvt. Ltd.	3 years	2021-2022	190000

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39.	Dr. Md. Saifullah Khalid	The influence of advertising campaign on voting decision in general election.	Orlando Medisystem Pvt. Ltd.	2 years	2021-2022	185000
40.	Dr. Md. Amir Khusru Akhtar, Dr. Vinay Singh, Dr. Nagma Khatoun , Dr. Ritushree Narayan & Dr. Abhishek Pandey	Designing Mobile based Electricity Payment System with Payment Integration EMAILING and SMS.	To The New Private Limited	3 years	2021-2022	195000
41.	Dr. Rupa Kumari	Impact of media against domestic violence on women	To The New Private Limited	2 years	2021-2022	200000
42.	Dr. Akanksha Anand Saxena	Patterns of smoking and health risk perception of out-of-school youths.	To The New Private Limited	3 years	2021-2022	240000
43.	Dr. Sailesh Narayan	Evaluating the knowledge and attitude of community pharmacists toward HIV infected patients.	To The New Private Limited	2 years	2021-2022	230000
44.	Dr. Dinesh Kumar Pandey	Functional accounting education curriculum for sustainable youth empowerment in Jharkhand state.	To The New Private Limited	3 years	2021-2022	210000
45.	Dr. Abhishek Pandey	Construction of light sensitive alarm system.	To The New Private Limited	2 years	2021-2022	195000

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46.	Mr. Ashutosh Kumar	The impact of improved infrastructure and efficient cargo delivery in Indian port.	To The New Private Limited	3 years	2021-2022	180000
47.	Dr. Akanksha Anand Saxena	A research study on attitude of nurses towards relapse prevention among psychiatric patients in federal neuropsychiatric hospital.	To The New Private Limited	2 years	2021-2022	240000
48.	Ms. Karuna Kumari	The design, construction and test on a two station simple intercom system.	To The New Private Limited	2 years	2021-2022	260000
49.	Mr. Subhash Chandra Paramanik	The use of technology in improving road transportation.	To The New Private Limited	3 years	2021-2022	270000
50.	Dr. Asim Ahmed	Design and fabrication of mobile deep freezer.	To The New Private Limited	2 years	2021-2022	265000
51.	Dr. Shailza Nimmi Guria	Assessment of healthcare waste management practices among health workers.	To The New Private Limited	3 years	2021-2022	250000
52.	Dr. Jagesh Ranjan	Production and characterization of activated carbon from sugarcane biogases by thermal method	To The New Private Limited	2 years	2021-2022	215000
53.	Dr. Asim Ahmed, Dr. Abhishek Pandey, Mr.	Determination of the Concentration Levels of total	Usha Breco Ltd	2 years	2021-2022	285000


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	Subhash Chandra Paramanik , Dr. Lokesh Kumar, Mr. Ashutosh Kumar, Dr. Jagesh Ranjan, Dr. Sarmishtha Roy & Dr. Jayantika Pal	Petroleum Hydrocarbons (TPH) in Soils found in Automobile Repair Centers.				
54.	Dr. Sharmistha Roy	Design and implementation of civil servant retirement system	Usha Breco Ltd	3 years	2021-2022	300000
55.	Dr. Vinay Singh	Design and simulation of authentication and adaptive security for dns system	Usha Breco Ltd	2 years	2021-2022	275000
56.	Dr. Md. Amir Khusru Akhtar	The development of a sales and inventory management system for fast food restaurant	Usha Breco Ltd	3 years	2021-2022	270000
57.	Dr. Ritushree Narayan	Staff duty allocation record management system	Usha Breco Ltd	2 years	2021-2022	265000
58.	Dr. Nagma Khatoun	Online student management information system	Usha Breco Ltd	3 years	2021-2022	300000
59.	Dr. Jawad Ahmad Dar	Development of a poultry farm management information system	Usha Breco Ltd	2 years	2021-2022	275000
60.	Dr. Sharmistha Roy	Police deployment management system	Usha Breco Ltd	3 years	2021-2022	250000

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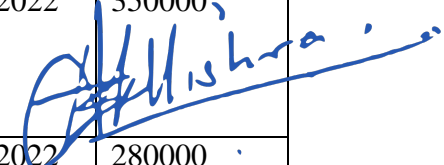
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61.	Dr. Vinay Singh	Computer based pool management system	Usha Breco Ltd	2 years	2021-2022	270000
62.	Dr. Md. Amir Khusru Akhtar	Developing an automated loan processing system for commercial bank	Usha Breco Ltd	3 years	2021-2022	290000
63.	Dr. Ritushree Narayan	Multimedia tourism information system	Usha Breco Ltd	2 years	2021-2022	300000
64.	Dr. Naghma Khatoun	Design and implementation of web based recruitment portal	Usha Breco Ltd	2 years	2021-2022	285000
65.	Dr. Jawad Ahmad Dar	Development of an information processing system for payroll management	Usha Breco Ltd	3 years	2021-2022	300000
66.	Dr. Sharmistha Roy	An intelligent tool for collecting and processing medical information	Usha Breco Ltd	2 years	2021-2022	290000
67.	Dr. Vinay Singh	The effects of inventory management and control on the performance of manufacturing enterprises	Usha Breco Ltd	3 years	2021-2022	280000
68.	Dr. Md. Amir Khusru Akhtar	Electronic file management system for drug enforcement agency	Usha Breco Ltd	2 years	2021-2022	265000
69.	Ms. Karuna Kumari	Development of Explainable Artificial Intelligence Models	Sree Metaliks	2 years	2021-2022	200000


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		for Decision Support Systems	Limited			
70.	Mr. Subhash Chandra Paramanik	Design and Implementation of Natural Language Processing Systems for Text Analysis	Sree Metaliks Limited	3 years	2021-2022	300000
71.	Dr. Asim Ahmed	Design and Analysis of Wind Turbine Blades for Increased Efficiency	Sree Metaliks Limited	2 years	2021-2022	200000
72.	Dr. Shailza Nimmi Guria	Design and Implementation of Evidence-Based Practice Guidelines for Nursing Interventions	Sree Metaliks Limited	3 years	2021-2022	250000
73.	Dr. Sailesh Narayan	Development of Personalized Medicine Approaches for Precision Pharmacotherapy	Sree Metaliks Limited	2 years	2021-2022	250000
74.	Dr. Asim Ahmed, Dr. Abhishek Pandey	Investigation of Friction Stir Welding Parameters for Aluminum Alloys	Sree Metaliks Limited	2 years	2021-2022	200000
75.	Dr. Sharmistha Roy	Design and Optimization of Algorithms for Network Traffic Management	Sree Metaliks Limited	2 years	2021-2022	350000
76.	Dr. Vinay Singh	Development of Explainable Artificial Intelligence Models for Decision Support Systems	Sree Metaliks Limited	3 years	2021-2022	280000


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77.	Dr. Md. Amir Khusru Akhtar	Investigation of Quantum Computing for Solving Complex Optimization Problems	Sree Metaliks Limited	2 years	2021-2022	250000
78.	Dr. Ritushree Narayan	Impact of Technological Advancements on Business Process Management	Sree Metaliks Limited	3 years	2021-2022	220000
79.	Dr. Jagesh Ranjan	Study the Mechanical properties of CNT nanocomposites	Avon Meters Private Limited	2 years	2021-2022	200000
80.	Dr. Asim Ahmed, Mr. Ashutosh Kumar, Dr. Jagesh Ranjan & Dr. Abhishek Pandey	Desalination plant design by using solar panels	Avon Meters Private Limited	3 years	2021-2022	120000
81.	Mr. Subhash Chandra Paramanik	Emergency Braking System In Four Wheeler.	Avon Meters Private Limited	2 years	2021-2022	180000
82.	Mr. Ashutosh Kumar	SMS Based Vehicle Ignition Controlling System.	Avon Meters Private Limited	3 years	2021-2022	250000
83.	Dr. Abhishek Pandey	Internet of Things for Smart Classrooms	Avon Meters Private Limited	2 years	2021-2022	250000
84.	Dr. Md. Amir Khusru Akhtar	E- Health Care Computing for better Health Monitoring	Avon Meters Private Limited	3 years	2021-2022	250000
85.	Dr. Asim Ahmed	Pedal-Powered Dirty Water	Avon Meters	2 years	2021-2022	350000

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		Distillation Device	Private Limited			
86.	Dr. Md. Amir Khusru Akhtar	Cyber Security Analysis of Substation Automation System	Avon Meters Private Limited	2 years	2021-2022	250000
87.	Dr. Lokesh Kumar	Intelligent Automation System For Electrical Energy Distribution	Avon Meters Private Limited	3 years	2021-2022	250000
88.	Dr. Abhishek Pandey	Wireless Design for Power Theft Monitoring	Avon Meters Private Limited	2 years	2021-2022	250000
89.	Ms. Karuna Kumari	Differential Transformer Protection using Arduino	Avon Meters Private Limited	3 years	2021-2022	250000
90.	Dr. Sharmistha Roy	PLC Based Object Sorting Automation	Avon Meters Private Limited	2 years	2021-2022	250000
91.	Dr. Md. Amir Khusru Akhtar	E- Health Care Computing for better Health Monitoring	Avon Meters Private Limited	2 years	2021-2022	250000
92.	Dr. Lokesh Kumar	Three Phase Rectifier with Power Factor Correction Controller	Avon Meters Private Limited	3 years	2021-2022	250000
93.	Dr. Abhishek Pandey	Lab view based Waveform Generator For Electronics Laboratory	Avon Meters Private Limited	2 years	2021-2022	250,000
94.	Ms. Karuna Kumari	Arduino Based Automatic Plant Watering System	Avon Meters Private Limited	1 years	2021-2022	250000


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95.	Dr. Abhishek Pandey	Solar Mobile Phone Charger Circuit	Avon Meters Private Limited	2 years	2021-2022	250000
96.	Ms. Tulika Sinha	Design and Implementation of Alternative Dispute Resolution Mechanisms for Access to Justice	To The New Pvt Ltd.	2 years	2021-2022	100000
97.	Dr. Lopamudra Satapathy	Design and Implementation of Smart Irrigation Systems for Water Conservation in Agriculture	To The New Pvt Ltd.	3 years	2021-2022	95000
98.	Dr. Meenakshi Kumari and Dr. Naghma Khatoun	Corporate Governance and Financial Reporting Quality Factors Influencing Customer Satisfaction in the Service Industry	To The New Pvt Ltd.	2 years	2021-2022	100000
99.	Dr. Lokesh Kumar	Development of Green Building Technologies for Energy Efficiency and Environmental Conservation	To The New Pvt Ltd.	3 years	2021-2022	105000
100.	Prof. B N Dubey	Development of Mine Rehabilitation and Closure Plans for Sustainable Post-Mining Land Use	To The New Pvt Ltd.	2 years	2021-2022	100000

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List of the funded research project title with details of Principle Investigator, Amount Sanctioned and Sanctioning agency in the year 2020-21

S. No.	Name of the PI/ Co-PI/Name of the person holding the Chair	Title of the research project, endowments, Research Chairs	Name of the funding agency	Duration	Year of award or sanction	Amount in INR.
1.	Dr. Prakash Chandra Panda	Developing English Communication skills in the nearby villages of Usha Martin University	BlackBoard Education and Research	2 years	2020-2021	230000
2.	Mrs. Tulika Sinha	Jurisdictional issue in Cyber law: A case study on Jharkhand and Odisha	BlackBoard Education and Research	2 years	2020-2021	205000
3.	Mrs. Tulika Sinha	Current status of child labour in Jharkhand	BlackBoard Education and Research	3 years	2020-2021	265000
4.	Dr. Anupama Verma and Dr. Jagesh Ranjan	Prospect of Plastic waste recycling in Jharkhand	BlackBoard Education and Research	2 years	2020-2021	245000
5.	Dr. Shahnaaz Zabi	Manipulative Advertisement in Television Broadcasting & Reality Shows affecting	Vidya Mantras	2 years	2020-2021	150000


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		purchasing behavior of Youths.				
6.	Dr. Anupama Verma , Dr. Jayantika Pal, Dr. Kumari Jyotsna	Mathematical Models to predict future HR Demand for five years	Ok Education Trust	3 years	2020-2021	306000
7.	Dr. Madhulika Kaushik, Dr. Arvind Hans, Dr. Anupama Verma	Designing Business level strategies to improve market capitalization through Digital Marketing	Ace Infracity Developers Private Limited	2 years	2020-2021	295000
8.	Dr. Prakash Chandra Panda and Dr. Shimpi Kumari Chaturvedi	The language of feminism and its impact on the society.	Ace Infracity Developers Private Limited	3 years	2020-2021	270000
9.	Dr. Meenakshi Kumari and Dr. Dinesh Kumar Pandey	The role of financial institutions in the development of the Indian economy.	Ace Infracity Developers Private Limited	2 years	2020-2021	300000
10.	Dr. Md. Saifullah Khalid and Dr. Madhulika Kaushik	The impact of working capital management on the productivity of a manufacturing company.	Ace Infracity Developers Private Limited	3 years	2020-2021	160000

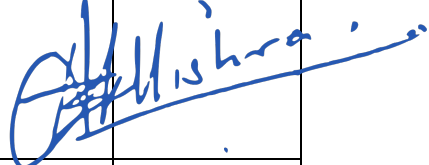

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11.	Dr. Arvind Hans and Dr. Anupama Verma	Effect of pricing strategy on sales of consumer product.	Ace Infracity Developers Private Limited	2 years	2020-2021	245000
12.	Dr. Leena Srivastav and Ms. Priyanka Pallawai	Impact of accounting information system on the operation of small-scale business.	Ace Infracity Developers Private Limited	3 years	2020-2021	285000
13.	Dr. Md. Saifullah Khalid and Ms. Sejal	Impact of media law and ethics on journalism practice.	Ace Infracity Developers Private Limited	2 years	2020-2021	255000
14.	Dr. Anupama Verma and Mr. Nishant	Strategic human resource planning and performance of small and medium enterprises (SMES).	Ace Infracity Developers Private Limited	3 years	2020-2021	300000
15.	Dr. Md. Saifullah Khalid and Mr. Ashish Kumar Vicky	Impact of financial information on the profitability of business organization in India.	Ace Infracity Developers Private Limited	2 years	2020-2021	290000
16.	Dr. Dinesh K. Pandey and Dr. Meenakshi Kumari	Modern financial tools using AI for designing effective Resource Allocation Model	Sree Metaliks Limited	3 years	2020-2021	300000
17.	Dr. Leena Srivastav and Dr. Dinesh	The effect of merger and acquisition on Indian bank.	Sree Metaliks Limited	2 years	2020-2021	280000


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	Kumar Pandey					
18.	Dr. Anupama Verma and Dr. Arvind Hans	Using management information system to improve customer services and growth in the banking industry	Sree Metaliks Limited	3 years	2020-2021	245000
19.	Dr. Dinesh Kumar Pandey and Dr. Md. Saifullah Khalid	Analysis of the adequacy of bank financing on the growth of small businesses in India.	Sree Metaliks Limited	2 years	2020-2021	225000
20.	Dr. Meenakshi Kumari and Ms. Sejal	The contribution of micro-finance banks to the economic well being of rural dweller.	Sree Metaliks Limited	3 years	2020-2021	190000
21.	Dr. Madhulika Kaushik and Dr. Md. Saifullah Khalid	Re-examine the financial development and the composition of industrial growth puzzle from the perspective of bank performance and stock market development.	Sree Metaliks Limited	2 years	2020-2021	270000
22.	Dr. Arvind Hans and Dr. Anupama Verma	The impact of management challenges on the productivity of integrated building technology and services.	Sree Metaliks Limited	2 years	2020-2021	225000
23.	Dr. Anupama Verma and Ms. Priyanka	Impact of construction skilled labour shortages on the competitiveness of building	Sree Metaliks Limited	3 years	2020-2021	250000


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	Pallawai	sector in India.				
24.	Dr. Md. Saifullah Khalid and Mr. Nishant	Improving productivity in the construction industry through I-human resources development	Sree Metaliks Limited	2 years	2020-2021	285000
25.	Dr. Prakash Chandra Panda and Dr. Shimpi Kumari Chaturvedi	Language variation in relation to gender as a social factor	Sree Metaliks Limited	3 years	2020-2021	230000
26.	Dr. Md. Saifullah Khalid and Dr. Prakash Chandra Panda	The effect of multinational corporation on the Indian economy.	AG Poly Packs Pvt Ltd	2 years	2020-2021	285000
27.	Dr. Meenakshi Kumari and Mr. Ashish Kumar Vicky	The impact of cash flow risk management in the insurance industry	AG Poly Packs Pvt Ltd	2 years	2020-2021	250000
28.	Dr. Anupama Verma	Measures necessary to minimize the high incidence of bad debts in Indian commercial banks	AG Poly Packs Pvt Ltd	3 years	2020-2021	225000
29.	Dr. Dinesh Kumar Pandey and Mr. Ashish Kumar Vicky	Design and implementation of a computerized online monetary transaction system.	AG Poly Packs Pvt Ltd	2 years	2020-2021	255000


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30.	Dr. Meenakshi Kumari and Ms. Sejal	Design and implementation of an automated hotel reservation management system.	AG Poly Packs Pvt Ltd	3 years	2020-2021	300000
31.	Dr. Madhulika Kaushik, Dr. Arvind Hans, Dr. Anupama Verma	Functional accounting education curriculum for sustainable youth empowerment in Jharkhand state.	AG Poly Packs Pvt Ltd	2 years	2020-2021	275000
32.	Dr. Sohail Akhtar	Designing an AI based water Cooling system in Run-Out Table in Steel Industry.	Jai Auto Private Limited	3 years	2020-2021	300000
33.	Mr. Subhash Chandra Paramanik	The design and fabrication of a iron shelling machine	Jai Auto Private Limited	2 years	2020-2021	250000
34.	Mr. Ashutosh Kumar	Construction and fabrication of a candle molding machine.	Jai Auto Private Limited	3 years	2020-2021	300000
35.	Dr. Dinesh Kumar Pandey, Dr. Meenakshi Kumari	Design and implementation of a computer based financial audit system for a manufacturing organization.	Jai Auto Private Limited	2 years	2020-2021	250000
36.	Dr. Vinay Singh	Design and implementation of computerized medical duties scheduling system.	Jai Auto Private Limited	3 years	2020-2021	250000
37.	Dr. Sohail	Preparing and Evaluating	Usha Breco Ltd	2 years	2020-2021	300000


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	Akhtar	Composite metals to enhance crushing strengths of Ariel Ropeways.				
38.	Mr. Subhash Chandra Paramanik	Design and construction of fuel less generator.	Usha Breco Ltd	2 years	2020-2021	260000
39.	Dr. Anupama Verma	Influence of pollution on health of female workers in industrial area.	Usha Breco Ltd	3 years	2020-2021	235000
40.	Dr. Arvind Hans, Dr. Md. Saifullah Khalid	Ethical issues in Business- A case study of manipulative advertisement	Usha Breco Ltd	2 years	2020-2021	290000
41.	Dr. Lokesh Kumar	Design and fabrication of an electric popcorn frying machine.	Usha Breco Ltd	3 years	2020-2021	250000
42.	Dr. Md. Amir Khusru Akhtar	Design and implementation of computer based scheduling system for a transport company.	Usha Breco Ltd	2 years	2020-2021	285000
43.	Dr. Sharmistha Roy	Design and implementation of database management software for a confectionery business.	Usha Breco Ltd	3 years	2020-2021	240000
44.	Dr. Dinesh Kumar Pandey	The effect of inflation on income and wealth distribution of the nation.	Usha Breco Ltd	2 years	2020-2021	270000

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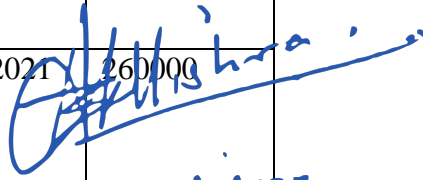
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45.	Dr. Abhishek Pandey	Design and construction of an intelligent 250 volts battery charger with microprocessor using seven segment display.	Usha Breco Ltd	3 years	2020-2021	265000
46.	Dr. Ritushree Narayan	Ethical issues in computer as an instrument to technology growth	Usha Breco Ltd	2 years	2020-2021	250000
47.	Dr. Anupama Verma	Design and implementation of an online driving school management system.	Usha Breco Ltd	3 years	2020-2021	290000
48.	Dr. Lopamudra Satapathy	Identification of constraints and effective educational strategies influencing the professional competencies of agricultural extension officers	Usha Breco Ltd	2 years	2020-2021	280000
49.	Dr. Akanksha Anand Saxena	Investigation of the level of covid-19 safety compliance among SMES in India.	Orlando Medisystem Pvt. Ltd.	3 years	2020-2021	185000
50.	Dr. Shailza Nimmi Guria	Factors affecting utilization of primary health care facilities.	Orlando Medisystem Pvt. Ltd.	2 years	2020-2021	260000
51.	Dr. Madhulika Kaushik, Dr. Anupama Verma	Assessment of awareness and practice for promotion of mental health among students.	Orlando Medisystem Pvt. Ltd.	2 years	2020-2021	245000
52.	Dr. Md.	Design and implementation of an	Orlando	3 years	2020-2021	230000


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	Saifullah Khalid	online marketing information management system for kirana shops	Medisystem Pvt. Ltd.			
53.	Dr. Dinesh Kumar Pandey , Dr. Md. Saifullah Khalid	Design and implementation of on line cash receipt generating system for a supermarket.	Orlando Medisystem Pvt. Ltd.	2 years	2020-2021	265000
54.	Sumita Ghosh	Design and implementation of an online book club management system.	Orlando Medisystem Pvt. Ltd.	3 years	2020-2021	275000
55.	Dr. Leena Srivastava, Dr. Ritushree Narayan	Design and implementation of a personnel management information system in Private Hospitals	Orlando Medisystem Pvt. Ltd.	2 years	2020-2021	195000
56.	Dr. Jagesh Ranjan	Evaluation of some heavy metals concentrations in chocolate, candies and tomato puree.	Orlando Medisystem Pvt. Ltd.	3 years	2020-2021	210000
57.	Dr. Lokesh Kumar	Construction and design of 12 volt car battery charger circuit with phone charging USB port.	Orlando Medisystem Pvt. Ltd.	2 years	2020-2021	280000
58.	Dr. Asim Ahmed	Design and manufacture a natural convection solar dryer which requires little or no maintenance.	Orlando Medisystem Pvt. Ltd.	3 years	2020-2021	260000
59.	Mr. Subhash	The construction and fabrication	Orlando	2 years	2020-2021	250000


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	Chandra Paramanik	of a metal bookshelf	Medisystem Pvt. Ltd.			
60.	Dr. Asim Ahmed	A decision model for the design and operation of inventory programmes in a manufacturing industry	Orlando Medisystem Pvt. Ltd.	3 years	2020-2021	230000


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List of the funded research project title with details of Principle Investigator, Amount Sanctioned And Sanctioning in the year

2019-20

S. No.	Name of the PI/ Co-PI/Name of the person holding the Chair	Title of the research project, endowments, Research Chairs	Name of the funding agency	Duration	Year of award or sanction	Amount in INR.
1.	Dr. Prakash Chandra Panda	Overcoming Gender Stereotypes in periphery of Angara Block	BlackBoard Education and Research	3 years	2019-2020	250000
2.	Dr. Lopamudra Satapathy,	jurisdictional issue in Cyber law: A case study on Jharkhand and Odisha	National Student Welfare Society	3 years	2019-2020	200000
3.	Dr. Shubhrasekhar Chakraborty	Designing smart irrigation system for increasing production of Rice in Low rainfall areas.	Ok Education Trust	2 years	2019-2020	100000
4.	Dr. Shimpi Kumari Chaturvedi	Oral Literature & Pedagogy for enhancing Moral Values among Selected School Students.	Ok Education Trust	3 years	2019-2020	154000
5.	Ms. Jayita Danpadat, Dr. Lopamudra Satapathy	Assessment of the Mineral Nutritional Value of Organic Vegetable Crops Grown in	Ok Education Trust	2 years	2019-2020	230000

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		Jharkhand.				
6.	Dr. Prakash Chandra Panda, Dr. Shimpi Kumari Chaturvedi, Dr. Atibha Vijaya Singh, Dr. Vinay Singh	Effective formal legal communication for better Corporate Governance	Ok Education Trust	2 years	2019-2020	310000
7.	Dr. Sohail Akhtar	Designing An Automatic Solar Water Heater for Domestic Use.	Vidya Mantras	3 years	2019-2020	200000
8.	Dr. Arvind Hans, Mr. Deli Kumar Ranjan	Data Collection & Data processing for effective Decision Making	Vidya Mantras	3 years	2019-2020	100000
9.	Dr. Md. Saifullah Khalid , Dr. Sailesh Narayan	Designing supply chain network for select products in Vidya Mantras	Vidya Mantras	2 years	2019-2020	100000
10.	Dr. Meenakshi Kumari, Dr. Sailesh Narayan	Effective financial management techniques for sustainable development of organization	Vidya Mantras	3 years	2019-2020	200000
11.	Dr. Jawad Ahmad Dar	The Role of Strategic Human Resource Management in Organizational Success	Jeen Foundation	3 years	2019-2020	250000
12.	Dr. Sharmistha Roy	Design and Implementation of Augmented Reality Systems for	Jeen Foundation	3 years	2019-2020	240000

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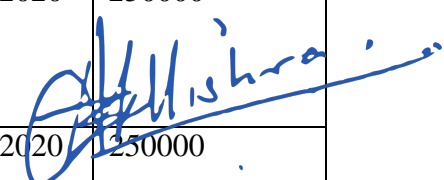
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		Enhanced User Experience				
13.	Dr. Vinay Singh	Development of Intelligent Recommendation Systems for Personalized Content Delivery	Jeen Foundation	2 years	2019-2020	250000
14.	Dr. Md. Amir Khusru Akhtar	Investigation of Privacy and Ethical Issues in Data Science and Artificial Intelligence	Jeen Foundation	3 years	2019-2020	350000
15.	Dr. Ritushree Narayan	Sustainability Practices and Corporate Financial Performance	Jeen Foundation	2 years	2019-2020	200000
16.	Dr. Md. Amir Khusru Akhtar	Investigation of Explainable AI Models for Interpretable Decision Making	Jeen Foundation	2 years	2019-2020	280000
17.	Dr. Jagesh Ranjan	Energy Harvesting Techniques for Self-Powered Sensors in Mechanical Systems	Jeen Foundation	2 years	2019-2020	250000
18.	Dr. Ritushree Narayan	The Impact of Employee Training and Development on Organizational Performance	Jeen Foundation	3 years	2019-2020	200000
19.	Dr. Vipin Kumar	Study of Fluid-Structure Interaction in Flexible Wing Aircraft	Jeen Foundation	2 years	2019-2020	250000
20.	Mr. Ashutosh Kumar	Analysis of Composite Materials for Automotive	Jeen Foundation	3 years	2019-2020	180000


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		Crashworthiness				
21.	Mr. Subhash Chandra Paramanik	Development of Green Building Technologies for Energy Efficiency and Environmental Conservation	Jeen Foundation	2 years	2019-2020	250000
22.	Dr. Md. Amir Khusru Akhtar	Design and Development of Virtual Reality Systems for Training and Simulation	Jeen Foundation	2 years	2019-2020	250000
23.	Dr. Prakash Chandra Panda and Dr. Shimpi Kumari Chaturvedi	The Impact of English Language Proficiency on Academic Success	Jeen Foundation	3 years	2019-2020	200000
24.	Mrs. Tulika Sinha	Design and Optimization of Legal Systems for Intellectual Property Protection	Jeen Foundation	2 years	2019-2020	200000
25.	Dr. Asim Ahmed	Investigation of Tribological Properties of Nanostructured Coatings	Jeen Foundation	3 years	2019-2020	300000
26.	Mr. Subhash Chandra Paramanik	Energy Harvesting Techniques for Self-Powered Sensors in Mechanical Systems	Jeen Foundation	2 years	2019-2020	250000
27.	Dr. Sharmistha Roy	Development of Intelligent Tutoring Systems for Personalized Education	Jeen Foundation	3 years	2019-2020	250000


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28.	Dr. Jawad Ahmad Dar	Investigation of Tribological Properties of Nanostructured Coatings	Jeen Foundation	2 years	2019-2020	200000
29.	Dr. Md. Amir Khusru Akhtar, Dr. Vinay Singh, Dr. Naghma Khatoon ,	The Impact of Leadership Styles on Team Performance	Jeen Foundation	3 years	2019-2020	200000
30.	Dr. Rupa Kumari	The Influence of Media Gate keeping on News Selection and Agenda Setting Regenerate response	Jeen Foundation	2 years	2019-2020	250000
31.	Dr. Akanksha Anand Saxena	Development of Exercise Interventions for Cognitive Function Enhancement in Older Adults	Jeen Foundation	3 years	2019-2020	200000
32.	Dr. Abhishek Pandey	"Block chain and Food Traceability	Moneywise Finani Serv P L Basis Br	2 years	2019-2020	200000
33.	Mr. Ashutosh Kumar	Energy-Efficient Lighting Solutions using LEDs	Moneywise Finani Serv P L Basis Br	3 years	2019-2020	180000
34.	Dr. Abhishek Pandey	"Computer Graphics for Computer-Aided Design (CAD)	Moneywise Finani Serv P L Basis Br	2 years	2019-2020	200000

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35.	Ms. Karuna Kumari	Computer Graphics for Medical Imaging	Moneywise Finani Serv P L Basis Br	3 years	2019-2020	250000
36.	Dr. Md. Amir Khusru Akhtar	Federated Learning for Privacy-Preserving Financial Data Analysis"	Moneywise Finani Serv P L Basis Br	2 years	2019-2020	200000
37.	Dr. Lokesh Kumar	Multi-Agent Systems for Smart Home Automation	Moneywise Finani Serv P L Basis Br	2 years	2019-2020	320000
38.	Dr. Asim Ahmed	Development of Soft Wearable Robotics for Rehabilitation	Moneywise Finani Serv P L Basis Br	3 years	2019-2020	200000
39.	Dr. Prakash Chandra Panda and Dr. Shimpi Kumari Chaturvedi	The Role of English in International Aid and Development Projects	Moneywise Finani Serv P L Basis Br	2 years	2019-2020	250000
40.	Dr. Abhishek Pandey	Data Privacy in Internet of Things (IoT) Applications"	Moneywise Finani Serv P L Basis Br	3 years	2019-2020	300000
41.	Mr. Ashutosh Kumar, Dr. Asim Ahmed	Multi-Agent Systems for Smart Home Automation	Moneywise Finani Serv P L Basis Br	2 years	2019-2020	200000
42.	Dr. Akanksha Anand Saxena	Design and Implementation of Balance Training Programs for	Moneywise Finani Serv P L	2 years	2019-2020	250000



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		Individuals with Multiple Sclerosis	Basis Br			
43.	Ms. Karuna Kumari	Computer Vision for Object Detection	Moneywise Finani Serv P L Basis Br	2 years	2019-2020	200000
44.	Mr. Subhash Chandra Paramanik	The Physics of Climate Change and Global Warming	Moneywise Finani Serv P L Basis Br	3 years	2019-2020	150000
45.	Dr. Asim Ahmed, Mr. Ashutosh Kumar	Investigation of Lubricant Rheology in Mechanical Systems	Moneywise Finani Serv P L Basis Br	2 years	2019-2020	200000
46.	Mr. Rahul Kumar Gupta	Advancements in 3D Printing in Civil Engineering	SMC CINS BRKRS	2 years	2019-2020	260000
47.	Dr. Asim Ahmed, Dr. Abhishek Pandey	Machine Learning for Recommender Systems	SMC CINS BRKRS	2 years	2019-2020	290000
48.	Dr. Vinay Singh	Internet of Things (IoT) and Smart Healthcare	SMC CINS BRKRS	3 years	2019-2020	180000
49.	Mr. Ashutosh Kumar, Dr. Vipinkumar	Optimization of Biomimetic Snake-like Robots for Rescue Missions	SMC CINS BRKRS	2 years	2019-2020	220000
50.	Mr. Ashutosh Kumar	Advancements in High-Frequency RFID Technology	SMC CINS BRKRS	2 years	2019-2020	150000

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51.	Dr. Asim Ahmed, Mr. Subhash Chandra Paramanik	Quantum Cryptography: Secure Communication in the Quantum Era	MBM Broking And Real Estate Pvt Ltd	2 years	2019-2020	250000
52.	Dr. Md. Amir Khusru Akhtar	Data Privacy in Wearable Devices and Health Tracker	MBM Broking And Real Estate Pvt Ltd	2 years	2019-2020	250000
53.	Dr. Prakash Chandra Panda and Dr. Shimpi Kumari Chaturvedi	Analyzing English Language Use in Social Media Discourse and Online Communication	MBM Broking And Real Estate Pvt Ltd	3 years	2019-2020	225000
54.	Mrs. Tulika Sinha	Design and Optimization of Legal Systems for Effective Family Law and Child Protection	Barmalt Malting India Private Limited	2 years	2019-2020	250000
55.	Dr. Asim Ahmed	Advancements in Sustainable Building Envelope Materials	Barmalt Malting India Private Limited	2 years	2019-2020	200000
56.	Mr. Subhash Chandra Paramanik	Plasma Instabilities and Control in Fusion Reactors	Barmalt Malting India Private Limited	3 years	2019-2020	250000
57.	Dr. Abhishek Pandey	Quantum Computing for Integer Factorization	Barmalt Malting India Private Limited	2 years	2019-2020	250000
58.	Mr. Ashutosh Kumar	Design and Analysis of Photovoltaic Systems	Barmalt Malting India Private	3 years	2019-2020	300000


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			Limited			
59.	Dr. Akanksha Anand Saxena	Investigation of the Effects of Therapeutic Modalities on Soft Tissue Healing	Barmalt Malting India Private Limited	2 years	2019-2020	250000
60.	Ms. Karuna Kumari	Quantum Machine Learning for Quantum Chemistry	Barmalt Malting India Private Limited	2 years	2019-2020	250000
61.	Mr. Subhash Chandra Paramanik	Advanced Imaging Techniques in Biophysics	Barmalt Malting India Private Limited	2 years	2019-2020	250000
62.	Mr. Rahul Kumar Gupta	Evaluating the Performance of Composite Beams Advancements in 3D Printing in Civil Engineering	Barmalt Malting India Private Limited	3 years	2019-2020	280000
63.	Dr. Asim Ahmed, Dr. Abhishek Pandey	Electromagnetic Fields and Their Effects on Biological Systems	Barmalt Malting India Private Limited	2 years	2019-2020	250000
64.	Dr. Rupa Kumari	Investigation of Media Ownership Diversity and its Impact on Media Pluralism	Barmalt Malting India Private Limited	3 years	2019-2020	250000
65.	Dr. Akanksha Anand Saxena	Development of Prehabilitation Programs for Surgical Patients to Optimize Recovery	Barmalt Malting India Private Limited	2 years	2019-2020	280000


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66.	Dr. Abhishek Pandey	"Quantum Cryptanalysis and Post-Quantum Cryptography"	Barmalt Malting India Private Limited	2 years	2019-2020	200000
67.	Mr. Ashutosh Kumar	Smart Sensors for Environmental Monitoring	Barmalt Malting India Private Limited	3 years	2019-2020	250000
68.	Dr. Abhishek Pandey	Computer Vision for Autonomous Drones	Barmalt Malting India Private Limited	2 years	2019-2020	250000
69.	Ms. Karuna Kumari	Cyber security in Autonomous Vehicles	Barmalt Malting India Private Limited	3 years	2019-2020	240000
70.	Dr. Md. Amir Khusru Akhtar	Machine Learning for Sentiment Analysis	Saya Buildcon	2 years	2019-2020	250000
71.	Dr. Lokesh Kumar	Advancements in High-Frequency RFID Technology	Saya Buildcon	2 years	2019-2020	250000
72.	Dr. Asim Ahmed	Development of Soft Wearable Robotics for Rehabilitation	Saya Buildcon	2 years	2019-2020	240000
73.	Dr. Prakash Chandra Panda and Dr. Shimpi Kumari Chaturvedi	The Influence of English in Academic Publishing and Scholarly Communication	Saya Buildcon	3 years	2019-2020	350000
74.	Dr. Sharmistha Roy	Cyber security in Cloud-Native Applications	Saya Buildcon	2 years	2019-2020	240000

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75.	Ms. Karuna Kumari	Block chain and Decentralized Social Networks	Saya Buildcon	3 years	2019-2020	250000
76.	Mr. Subhash Chandra Paramanik	"Nanomaterials for Energy Storage and Conversion"	Saya Buildcon	2 years	2019-2020	280000
77.	Dr. Asim Ahmed	Design and Analysis of Urban Air Mobility Vehicles	Saya Buildcon	3 years	2019-2020	240000
78.	Dr. Nanda Shakti	Quantum Mechanics and the Double-Slit Experiment	Datavision Systems Pvt ltd	2 years	2019-2020	285000
79.	Dr. Asim Ahmed, Dr. Abhishek Pandey	Block chain and Intellectual Property Rights Protection	Datavision Systems Pvt ltd	3 years	2019-2020	255000
80.	Dr. Sharmistha Roy	Federated Learning for Privacy-Preserving Biometric Data"	Datavision Systems Pvt ltd	2 years	2019-2020	240000
81.	Dr. Rupa Kumari	Development of Media Literacy Programs for Empowering Indigenous Communities	Datavision Systems Pvt ltd	3 years	2019-2020	220000
82.	Dr. Akanksha Anand Saxena	Design and Optimization of Rehabilitation Programs for Individuals with Rheumatoid Arthritis	Datavision Systems Pvt ltd	2 years	2019-2020	245000
83.	Dr. Abhishek Pandey	Internet of Things (IoT) and Smart Retail"	Datavision Systems Pvt ltd	2 years	2019-2020	220000
84.	Mr. Ashutosh Kumar	Intelligent Transportation Systems for Traffic	Datavision	3 years	2019-2020	275000

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		Management	Systems Pvt ltd			
85.	Dr. Asim Ahmed	Study of Bio-inspired Camouflage Mechanisms in Robotics	Datavision Systems Pvt ltd	2 years	2019-2020	260000
86.	Dr. Nanda Shakti	Quantum Teleportation and Information Transfer	INTERRA PMT	3 years	2019-2020	300000
87.	Dr. Asim Ahmed, Dr. Abhishek Pandey	Nanophotonics for Ultrafast Data Transfer	INTERRA PMT	2 years	2019-2020	250000
88.	Dr. Sharmistha Roy	Machine Learning for Anomaly Detection"	INTERRA PMT	2 years	2019-2020	320000
89.	Dr. Vinay Singh	Block chain and Supply Chain Transparency	INTERRA PMT	2 years	2019-2020	280000
90.	Dr. Asim Ahmed	Advancements in Sustainable Waste Management Technologies	INTERRA PMT	3 years	2019-2020	250000

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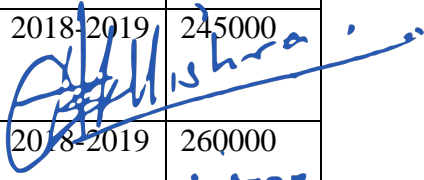
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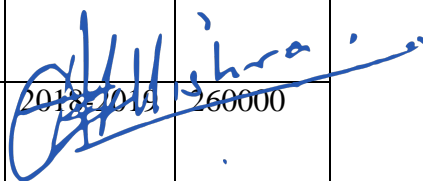
List of the funded research project title with details of Principle Investigator, Amount Sanctioned And Sanctioning in the year

2019-20

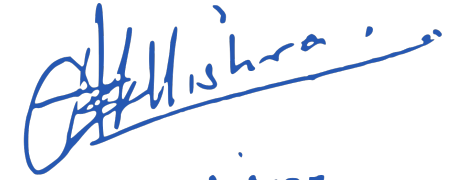
S. No.	Name of the PI/ Co-PI/Name of the person holding the Chair	Title of the research project, endowments, Research Chairs	Name of the funding agency	Duration	Year of award or sanction	Amount in INR.
1.	Dr. Akanksha Anand Saxena, Dr. Lokesh Kumar	Assessment of Health Need for Internally Displaced Persons.	BlackBoard Education and Research	2 Years	2018-2019	225000
2.	Dr. Nanda Shakti	Synthesis of semiconducting nanowires	BlackBoard Education and Research	3 years	2018-2019	295000
3.	Dr. Nagma Khaton, Dr. Kumari Jyotsna	Designing a Computerized Recycling System for Protecting the Green Environment in rural area.	National Student Welfare Society	2 years	2018-2019	280000
4.	Dr. Abhishek Pandey	Password based circuit breaker	National Student Welfare Society	3 years	2018-2019	225000
5.	Mr. Rahul Kumar Gupta	Impact of lightening on building and remedial measures	National Student Welfare Society	2 years	2018-2019	245000
6.	Dr. Md. Saifullah Khalid	Designing Effective Advertising Strategy for enhancing sales of cosmetic	National Student Welfare Society	3 years	2018-2019	260000


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		Products.				
7.	Dr. Abhishek Pandey	Temperature controlled DC fan using microcontroller	National Student Welfare Society	2 years	2018-2019	255000
8.	Mr. Rahul Kumar Gupta	Analysis and design of balanced cantilever liver	National Student Welfare Society	3 years	2018-2019	180000
9.	Dr. Md. Amir Khusru Akhtar	Designing IOT enabled irrigation System for select farmers.	National Student Welfare Society	2 years	2018-2019	190000
10.	Dr. Abhishek Pandey	Digital tachometer using 8051 microcontroller	National Student Welfare Society	2 years	2018-2019	230000
11.	Dr. Sharmistha Roy	AI enabled WEB-Based Learning System for ODL Programme.	National Student Welfare Society	3 years	2018-2019	255000
12.	Dr. Abhishek Pandey	Auto intensity control of street lights	National Student Welfare Society	2 years	2018-2019	210000
13.	Dr. B.N Dubey , Dr. Lokesh Kumar	Designing a remotely operated Air Conditioner for underground mines usage.	National Student Welfare Society	3 years	2018-2019	215000
14.	Mr. Rahul Kumar Gupta	The rain roof water-harvesting system	National Student Welfare Society	2 years	2018-2019	245000
15.	Dr. Abhishek Pandey	Application of Robotics for Controlling Select Domestic Appliances.	National Student Welfare Society	3 years	2018-2019	260000
16.	Mr. Rahul Kumar Gupta	Analysis for seismic retrofitting of buildings	National Student Welfare Society	2 years	2018-2019	250000


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17.	Dr. Anupama Verma , Mrs. Tulika Sinha	Development of IPR through effective Human Capital strategies	CS Foundation	2 years	2018-2019	100000
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