


## 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. (In Lakhs) |
|------|--|--|----------------------------|----------|---------------------------|---------------------------|
| 1    | Dr. Aditya Tripathi  | The Impact of Employee Training on Organizational Productivity   | Non Govt.                  | 1 Year   | 2021-22                   | 0.01                      |
| 2    | Mr. Keshav Singh Kansana                                   | Social Media as a Tool for Crisis Management in Business   | Non Govt.                  | 1 Year   | 2021-22                   | 0.025                     |
| 3    | Dr. Lotica Surana  | The Influence of Corporate Social Responsibility (CSR) on Brand Loyalty  | Non Govt.                  | 1 Year   | 2021-22                   | 0.025                     |
| 4    | Dr. Ram babu Shridhar                                      | The Role of Employee Engagement in Reducing Turnover   | Non Govt.                  | 1 Year   | 2021-22                   | 0.01                      |
| 5    | Dr. Shachi Gupta   | The Effect of Supply Chain Management on Operational Efficiency  | Non Govt.                  | 1 Year   | 2021-22                   | 0.01                      |
| 6    | Dr. Shahid Amin Bhat                                       | The Role of Innovation in Gaining Competitive Advantage  | Non Govt.                  | 1 Year   | 2021-22                   | 0.01                      |
| 7    | Dr. Vandana Bharti Ashtana                                 | The Influence of Work-Life Balance on Employee Satisfaction  | Non Govt.                  | 1 Year   | 2021-22                   | 0.01                      |
| 8    | Dr. Vinay Gupta  | The Impact of Government Fiscal Policies on Corporate Investment: An Empirical Study of the Indian Economy                                 | Non Govt.                  | 1 Year   | 2021-22                   | 0.04                      |
| 9    | Dr. Ambar Agarwal  | Risk Management in Financial Planning: Strategies for Long-Term Stability  | Non Govt.                  | 1 Year   | 2021-22                   | 0.05                      |
| 10   | Dr. Sher Singh Bhakar                                      | Robo-Advisors for Personalized Investment Strategies   | Non Govt.                  | 1 Year   | 2021-22                   | 0.04                      |
| 11   | Dr. Shilpa Bhakar  | Situational Crisis Communication Theory (SCCT)   | Non Govt.                  | 1 Year   | 2021-22                   | 0.05                      |
| 12   | Dr. Abhishek Singhal                                       | Strategic Financial Management in SMEs: Enhancing Growth through Efficient Resource Allocation   | Non Govt.                  | 1 Year   | 2021-22                   | 0.05                      |
| 13   | Dr. A.G. Naolekar  | The Effect of Marketing Strategies on Customer Retention   | Non Govt.                  | 1 Year   | 2021-22                   | 0.05                      |
| 14   | Dr. Aarti Sharma   | The Impact of Cryptocurrencies on Traditional Financial Markets  | Non Govt.                  | 1 Year   | 2021-22                   | 0.04                      |
| 15   | Dr. Abhinandan Chakraborty                                 | Research Project Proposal: The Impact of ESG (Environmental, Social, and Governance) Criteria on Investment Performance                    | Non Govt.                  | 1 Year   | 2021-22                   | 0.04                      |
| 16   | Dr. Megha Soni   | The Impact of Inflation on Financial Planning: Adapting Strategies for Economic Uncertainty  | Non Govt.                  | 1 Year   | 2021-22                   | 0.05                      |
| 17   | Dr. N Ravichandran   | The Impact of Interest Rate Changes on Stock Market Performance  | Non Govt.                  | 1 Year   | 2021-22                   | 0.03                      |
| 18   | Dr. Pooja Jain   | The Impact of Working Capital Management on Profitability: A Study of SMEs   | Non Govt.                  | 1 Year   | 2021-22                   | 0.05                      |
| 19   | Mr Sudip Banerjee  | The Role of Behavioural Biases in Cryptocurrency Trading   | Non Govt.                  | 1 Year   | 2021-22                   | 0.05                      |
| 20   | Dr. Bhanu Priya  | The Relationship between Corporate Governance and Financial Planning: Ensuring Accountability and Transparency                             | Non Govt.                  | 1 Year   | 2021-22                   | 0.03                      |
| 21   | Mr. Nem Kumar Jain   | An In-Vitro Interaction Study between Bile Acid and Probiotic Material   | Non Govt.                  | 1 Year   | 2021-22                   | 0.025                     |
| 22   | Ms. Priyanka Keshri  | Synthesis and Pharmacological Screening of Quinoxazoline Analogues   | Non Govt.                  | 1 Year   | 2021-22                   | 0.025                     |
| 23   | Mr Shivam Tayal  | A Comparative Study between Sodium Bicarbonate and Ammonium Bicarbonate While Preparing Effervescent Granules for Morning Time Consumption | Non Govt.                  | 1 Year   | 2021-22                   | 0.01                      |
| 24   | Dr. Subodh Kumar Dubey                                     | An In Vitro Study of Calculus Formed in Kidney with Syringic Acid  | Non Govt.                  | 1 Year   | 2021-22                   | 0.01                      |

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|    |                              |  |           |        |         |       |
|----|------------------------------|--|-----------|--------|---------|-------|
| 25 | Dr. A. Balasubramaniam       | Analytical Interaction Validation of Zidovudine with Ciprofloxacin   | Non Govt. | 1 Year | 2021-22 | 0.01  |
| 26 | Mr. Anurag Agrawal           | Formulation and Evaluation of Herbal Face Wash for Anti-Acne: Budget Allocation                              | Non Govt. | 1 Year | 2021-22 | 0.025 |
| 27 | Ms. Divya Niranjana          | Formulation and Characterization of Alginate Microbeads of Flurbiprofen by Ionotropic Gelation Technique     | Non Govt. | 1 Year | 2021-22 | 0.02  |
| 28 | Mr. Kamendra Singh Bhadoriya | Development and Characterization of Tinospora Cordifolia Extract Loaded Transethosomal Gel for Topical Use   | Non Govt. | 1 Year | 2021-22 | 0.02  |
| 29 | Mr Satyaveer Singh Jat       | Development and Characterization of Curcumin Loaded Emulgel for Topical Application                          | Non Govt. | 1 Year | 2021-22 | 0.02  |
| 30 | Dr. Gyanendra Singh          | Formulation and Evaluation of Niosome Containing Glycolic Acid for Acne Dark Spots                           | Non Govt. | 1 Year | 2021-22 | 0.03  |
| 31 | Dr. Partha Sarathi Roy       | Formulation and Evaluation of Herbal Anti-Dandruff Shampoo   | Non Govt. | 1 Year | 2021-22 | 0.03  |
| 32 | Dr. Rita Sharma              | Adulteration in Food Items: Detection and Analysis of Common Adulterants in Everyday Food Products           | Non Govt. | 1 Year | 2023    | 0.05  |
| 33 | Mr. Santosh Kumar            | Research Project Proposal: Exploring the Potential of Edible Packaging in Reducing Food Waste                | Non Govt. | 1 Year | 2023    | 0.01  |
| 34 | Dr. Shiv Om Singh            | Research Project Proposal: Development of Edible Films from Agricultural Byproducts                          | Non Govt. | 1 Year | 2023    | 0.01  |
| 35 | Dr. Hradesh Rajput           | Research Project Proposal: Development of Plant-Based Protein Alternatives                                   | Non Govt. | 1 Year | 2023    | 0.01  |
| 36 | Dr. Sujeet Kumar Mritunjay   | Research Proposal: Food 3D Printing  | Non Govt. | 1 Year | 2023    | 0.01  |
| 37 | Dr. Bidyalakshmi Purailatpam | Research Proposal: Evaluating the Efficacy of Natural Preservatives on the Shelf Life of Fresh Vegetables    | Non Govt. | 1 Year | 2023    | 0.01  |
| 38 | Mr. Jayant Singh Tomar       | Development of a Nutrient-Dense Plant-Based Protein Powder Using Local Legumes                               | Non Govt. | 1 Year | 2023    | 0.05  |
| 39 | Ms. Kajol Batta              | Research Proposal: Development of a Nutrient-Rich Functional Snack Bar Using Indigenous Ingredients          | Non Govt. | 1 Year | 2023    | 0.048 |
| 40 | Dr. Manish Jaisal            | Research Proposal: Developing Smart Sensors for Ensuring Food Quality  | Non Govt. | 1 Year | 2023    | 0.05  |
| 41 | Dr. Pukhrabam Dipak          | Development of Plant-Based Protein Beverages: Exploring Nutritional Value, Formulation, and Market Potential | Non Govt. | 1 Year | 2023    | 0.05  |
| 42 | Dr. Sadhna Chaturvedi        | Exploring the Feasibility of Replacing Gluten with Hydrocolloids in Food Products                            | Non Govt. | 1 Year | 2023    | 0.05  |
| 43 | Ms. Trapti Pathak            | Leveraging Smart Technologies for Food Waste Reduction: A Sustainable Approach to Food Management            | Non Govt. | 1 Year | 2023    | 0.05  |
| 44 | Mr. Mathew George            | Development of Seaweed-Based Sustainable Packaging   | Non Govt. | 1 Year | 2023    | 0.05  |
| 45 | Dr. Rekha Vashishtha         | Development of Seaweed-Based Sustainable Packaging   | Non Govt. | 1 Year | 2023    | 0.05  |
| 46 | Dr. Richa Kothari            | Development of Plant-Based Meat Analogues as a Sustainable and Healthy Protein Source                        | Non Govt. | 1 Year | 2023    | 0.05  |
| 47 | Dr. Sonia Johari             | Investigating the Role of Green Coffee in Body Weight Management   | Non Govt. | 1 Year | 2023    | 0.05  |
| 48 | Dr. Uday Pratap Singh        | Developing a Bioreactor System for Continuous Chromium Remediation Using Bacterial Cultures                  | Non Govt. | 1 Year | 2023    | 0.05  |

  
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|----|----------------------------|---|-----------|--------|------|------|
| 49 | Mr. Santosh Kumar          | Isolation and Characterization of Chromium-Resistant Bacterial Strains from Contaminated Sites              | Non Govt. | 1 Year | 2023 | 0.01 |
| 50 | Dr. Shiv Om Singh          | Impact of Chromium Stress on Amylase Production in Soil-Dwelling Bacteria                                   | Non Govt. | 1 Year | 2023 | 0.01 |
| 51 | Dr. Hradesh Rajput         | Impact of Environmental Factors on Bacterial Chromate Reduction Efficiency                                  | Non Govt. | 1 Year | 2023 | 0.01 |
| 52 | Mr. Mathew George          | Investigating the Risk Factors and Prevalence of Hypertension in Indian Population                          | Non Govt. | 1 Year | 2023 | 0.01 |
| 53 | Dr. Rekha Vashishtha       | Prevalence and Risk Factors of Urinary Tract Infections in Indian Population                                | Non Govt. | 1 Year | 2023 | 0.05 |
| 54 | Dr. Awadhesh Kishore       | Assessment of Coliform Bacteria Presence in Water Sources: A Comparative Study                              | Non Govt. | 1 Year | 2023 | 0.05 |
| 55 | Dr. K.N. Nagaich           | Optimization of Wine Production Techniques for Enhanced Quality and Flavor Profile                          | Non Govt. | 1 Year | 2023 | 0.05 |
| 56 | Dr. Prashant Kumar Singh   | Investigating Antimicrobial Resistance in Escherichia coli: A Study on Local Strains                        | Non Govt. | 1 Year | 2023 | 0.05 |
| 57 | Dr. Shama Parveen          | Evaluation of Vitamin B12 Bioavailability Using a Novel Bioassay Method                                     | Non Govt. | 1 Year | 2023 | 0.05 |
| 58 | Dr. Sudheer Kumar Pathak   | Formulation and Evaluation of Probiotic Yogurt from Plant-Based Milk  | Non Govt. | 1 Year | 2023 | 0.05 |
| 59 | Mr. Biwash Gurung          | Low-Cost Natural Food Preservatives from Plant Extracts   | Non Govt. | 1 Year | 2023 | 0.05 |
| 60 | Dr. Dinesh Baboo Tyagi     | Production of Edible Cutlery from Waste Agro Materials  | Non Govt. | 1 Year | 2023 | 0.05 |
| 61 | Dr. Jai Dev Sharma         | Development of Gluten-Free Bakery Products from Millet Flour  | Non Govt. | 1 Year | 2023 | 0.01 |
| 62 | Dr. Jai Prakash Gupta      | Solar Drying of Fruits and Vegetables: A Low-Cost Preservation Technique                                    | Non Govt. | 1 Year | 2023 | 0.01 |
| 63 | Mr. Kunal Adhikary         | Utilization of Food Waste in the Development of Animal Feed   | Non Govt. | 1 Year | 2023 | 0.01 |
| 64 | Dr. Lakshman Singh         | Extraction of Natural Food Colorants from Edible Flowers  | Non Govt. | 1 Year | 2023 | 0.01 |
| 65 | Er. Mukesh Sheetal         | Development of Fruit and Vegetable Powders for Instant Soup Mixes   | Non Govt. | 1 Year | 2023 | 0.01 |
| 66 | Dr. Nikita Nehal           | Development of Edible Packaging for Food  | Non Govt. | 1 Year | 2023 | 0.01 |
| 67 | Dr. Nivedita Singh         | Development of In Vitro Disease Models for Studying Pathophysiology and Drug Response                       | Non Govt. | 1 Year | 2023 | 0.05 |
| 68 | Dr. Pramod Kumar Prajapati | Evaluation of Cell Viability Using Quantitative Assays in Response to Drug Treatment                        | Non Govt. | 1 Year | 2023 | 0.05 |
| 69 | Dr Raj Chimanbhai Popat    | Development of Monoclonal Antibodies Using Hybridoma Technology for Diagnostic and Therapeutic Applications | Non Govt. | 1 Year | 2023 | 0.05 |
| 70 | Dr. Shiv Singh Tomar       | Investigating the Mechanisms of Cell Migration and Its Role in Wound Healing and Cancer Metastasis          | Non Govt. | 1 Year | 2023 | 0.05 |
| 71 | Dr. A.K. Dwivedi           | Exploration of Novel Biomarkers for Early Detection and Targeted Therapy in Cancer                          | Non Govt. | 1 Year | 2023 | 0.05 |
| 72 | Dr. A.K. Pandey            | Investigating the Role of Extracellular Matrix (ECM) Components in Tissue Regeneration and Repair           | Non Govt. | 1 Year | 2023 | 0.05 |
| 73 | Dr. A.R. Sharma            | Exploring Novel Compounds for Drug Discovery Against Antimicrobial Resistance Principal Investigator        | Non Govt. | 1 Year | 2023 | 0.05 |
| 74 | Dr. Abhishek Kalia         | Investigating the Therapeutic Potential of Mesenchymal Stem Cells (MSCs) in Tissue Regeneration and Repair  | Non Govt. | 1 Year | 2023 | 0.05 |
| 75 | Dr. Amit Kanwajia          | Exploring Tissue Architecture for Understanding Cellular Behavior and Organ Development                     | Non Govt. | 1 Year | 2023 | 0.05 |

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|-----|----------------------------|--|-----------|--------|---------|-------|
| 76  | Dr. Suman Tripathi         | Analyzing Consumer Intention Toward Heritage Tourism Products in Gwalior: A Marketing Analytics Approach       | Non Govt. | 1 Year | 2023    | 0.03  |
| 77  | Dr. Indu Mazumdar          | Customer Buying Behavior for Basmati Rice in Gwalior: A Marketing Analytics Approach                           | Non Govt. | 1 Year | 2023    | 0.04  |
| 78  | Mr. Vimal Sharma           | Customer Segmentation of Param Food Complex Products in Gwalior  | Non Govt. | 1 Year | 2023    | 0.03  |
| 79  | Dr. Vipin Tiwari           | Marketing Analytics for Xiaomi Store in Gwalior  | Non Govt. | 1 Year | 2023    | 0.085 |
| 80  | Mrs. Rebecca Jadon         | Marketing of Handicrafts in Gwalior: A Comprehensive Study using Marketing Analytics                           | Non Govt. | 1 Year | 2023    | 0.085 |
| 81  | Dr. Deepak Tiwari          | Marketing of Organic Food Products in Gwalior: An Analytical Approach  | Non Govt. | 1 Year | 2023    | 0.085 |
| 82  | Dr. Mradula Sharma         | The Effect of Smartphone Marketing Analytics on Consumer Behavior in Gwalior                                   | Non Govt. | 1 Year | 2023    | 0.01  |
| 83  | Dr. Prafula Sharma         | Understanding Millets Production and Marketing Analytics   | Non Govt. | 1 Year | 2023    | 0.01  |
| 84  | Dr. Rishikant Agnihotri    | Understanding Rural Consumer Behavior in the Gwalior Region  | Non Govt. | 1 Year | 2023    | 0.01  |
| 85  | Dr. Sandhya Tiwari         | Understanding Rural Consumption Patterns in the Gwalior Region   | Non Govt. | 1 Year | 2023    | 0.01  |
| 86  | Dr. Ramarcha Prasad Pandey | Understanding Rural Marketing Analytics in the Gwalior Area  | Non Govt. | 1 Year | 2023    | 0.01  |
| 87  | Dr. Kapil Dave             | AI-Based Credit Scoring Model for Financial Institutions   | Non Govt. | 1 Year | 2023    | 0.06  |
| 88  | Dr. Preeti Singh           | Algorithmic Trading Using Machine Learning Models  | Non Govt. | 1 Year | 2023    | 0.06  |
| 89  | Ms. Jai Pranshu Shejwalkar | Analyzing the Effect of Inflation on Fixed-Income Investments  | Non Govt. | 1 Year | 2023    | 0.062 |
| 90  | Dr. Sarvesh Mohan Kulkarni | Blockchain for Secure Financial Transactions   | Non Govt. | 1 Year | 2023    | 0.06  |
| 91  | Mr. Sudhanshu Mandlik      | Blockchain for Supply Chain Finance  | Non Govt. | 1 Year | 2023    | 0.06  |
| 92  | Dr. Anita Gaur             | Blockchain for Transparent Supply Chain Finance: Improving Trust and Efficiency in Financial Transactions      | Non Govt. | 1 Year | 2023    | 0.06  |
| 93  | Dr. Aruna Singh            | Cost Control Techniques in Manufacturing: Improving Profitability through Efficiency                           | Non Govt. | 1 Year | 2023    | 0.05  |
| 94  | Dr. Preeti Bhadoriya       | The Role of Behavioural Biases in Cryptocurrency Trading   | Non Govt. | 1 Year | 2021-22 | 0.05  |
| 95  | Dr. Rama Sharma            | The Relationship between Corporate Governance and Financial Planning: Ensuring Accountability and Transparency | Non Govt. | 1 Year | 2021-22 | 0.03  |
| 96  | Mr. Abhishek Kumar         | The Role of Behavioural Biases in Cryptocurrency Trading   | Non Govt. | 1 Year | 2021-22 | 0.03  |
| 97  | Dr. Pramod Kumar Narwariya | The Role of Behavioural Finance in Investment Decision-Making  | Non Govt. | 1 Year | 2021-22 | 0.03  |
| 98  | Ms. Shivangi Sharma        | The Role of Fintech in Shaping the Future of Banking   | Non Govt. | 1 Year | 2021-22 | 0.03  |
| 99  | Dr. K. L. Rajoriya         | The Role of Risk Tolerance in Shaping Investment Portfolios  | Non Govt. | 1 Year | 2021-22 | 0.03  |
| 100 | Dr. U. K. Gupta            | The Impact of Working Capital Management on Profitability: A Study of SMEs                                     | Non Govt. | 1 Year | 2021-22 | 0.05  |

  
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