



**Shobhit  
University**

EDUCATION EMPOWERS



Top 101-125 Band  
in Pharmacy

## **CRITERION 3 – RESEARCH, INNOVATIONS AND EXTENSION**

### **3.1.2 THE INSTITUTION PROVIDES SEED MONEY TO ITS TEACHERS FOR RESEARCH (AVERAGE PER YEAR)**

**To reduce enormous use of paper and printing the ensure data, sign and a seal by the Competent Authority for all the papers, we have used the Class-3 Digital Signatures where a Registration Authority i.e. Dr. Mahipal Singh, Registrar of our University authenticate the documents and responses claimed in this pdf file.**



**SHOBHIT UNIVERSITY, Gangoh**

[Notified by Government of U.P. Act No.3 of 2012, Established u/s 2(f) of UGC Act 1956]  
Adarsh Institutional Area, Babu Vijendra Marg,  
Gangoh, Distt. Saharanpur - 247341, UP

**35** YEARS  
OF ACADEMIC  
EXCELLENCE



### List of Teachers Receiving Seed Money and Details of Seed Money Received

Name of the project	Duration of the project	Name(s) of the teacher(s) working in the project receiving seed money	The amount of seed money provided (INR in lakhs)	Year of receiving the seed money
Assessing the Impact of Precision Farming Techniques on Crop Yield and Sustainability	One Year	Dr. Shivani	160000	2023-24
Evaluating the Role of Organic Fertilizers in Enhancing Soil Health and Reducing Chemical Dependency	One Year	Dr. Vikas Kumar	140000	2023-24
Evaluation of the Efficacy of Ayurvedic Formulations in Managing Type 2 Diabetes	One Year	Dr. Krishnanand C	180000	2023-24
Pharmacological Investigation of Rasayana Therapy in Stress Management	One Year	Dr. Kultar Singh	180000	2023-24
Comparative Analysis of Ayurvedic and Allopathic Approaches in Treating Osteoarthritis	One Year	Dr. Trupti Dayinee Acharya	180000	2023-24
Development and Standardization of a Herbal Formulation for Skin Disorders	One Year	Dr. Vikas Kr. Sharma	180000	2023-24
Study on the Antimicrobial Properties of Ayurvedic Plant Extracts	One Year	Dr. Meenakshi Chaudhary	160000	2023-24
Role of Ayurvedic Diet (Pathya) in Gut Health and Microbiome Modulation	One Year	Dr. Sreejith E G	160000	2023-24



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Clinical Study on the Role of Ayurvedic Therapies in Enhancing Fertility	One Year	Dr. Shagufta Malhotra	150000	2023-24
Effectiveness of Ayurvedic Oils in Managing Hair Loss and Scalp Disorders	One Year	Dr. Khyati	150000	2023-24
Development of Bioengineered Scaffolds for Tissue Regeneration	One Year	Dr. Rajiv Dutta	180000	2023-24
CRISPR-Based Gene Editing for Disease Resistance in Plants	One Year	Dr. Naveen Kumar	150000	2023-24
Biodegradation of Plastic Waste Using Engineered Microorganisms	One Year	Dr. Vinay Kumar	170000	2023-24
Development of Microbial Biosensors for Real-Time Detection of Water Contaminants	One Year	Dr. Garima Verma	100000	2023-24
The Impact of Employee Engagement Strategies on Organizational Performance in Hybrid Work Models	One Year	Dr. Abhimanyu Upadhyay	140000	2023-24
Assessing the Role of Digital Transformation in Enhancing Customer Experience in Retail	One Year	Dr. Somprabh Dubey	140000	2023-24
The Effectiveness of Gamification in Enhancing Student Engagement and Learning Outcomes	One Year	Dr. Prashant Kumar	160000	2023-24

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The Role of Hybrid Learning Models in Bridging the Digital Divide	One Year	Dr. Vinod Kumar Yadav	100000	2023-24
Design and Implementation of Blockchain-Based Secure Voting Systems	One Year	Dr. Tarun Kumar Sharma	160000	2023-24
Development of AI Models for Predictive Maintenance in Smart Industries	One Year	Dr. Varun Bansal	150000	2023-24
Energy-Efficient Routing Algorithms for Wireless Sensor Networks	One Year	Dr. Jasvir Singh Rana	140000	2023-24
Enhancing Cybersecurity with Quantum Cryptography Algorithms	One Year	Dr. Anil Kumar	160000	2023-24
Development of Explainable AI (XAI) Models for Decision-Making in Healthcare	One Year	Mr. Kuldeep Chauhan	150000	2023-24
Design and Evaluation of Novel Sustained-Release Matrix Tablets	One Year	Dr. Madan Lal Kaushik	180000	2023-24
Stability Studies of Pharmaceutical Dosage Forms under Accelerated Conditions	One Year	Dr. Bhupendra Chauhan	180000	2023-24
Exploring Antimicrobial Activity of Metal Nanoparticles Synthesized Using Green Chemistry	One Year	Dr. Himani Bajaj	180000	2023-24
In-silico Drug Design and Docking Studies for Novel Anti-Viral Agents	One Year	Dr. Mayank Yadav	180000	2023-24



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Pharmacokinetic and Bioavailability Studies of a New Drug Formulation	One Year	Dr. Preeti Kush	180000	2023-24
Development of Herbal-Based Topical Formulations for Wound Healing	One Year	Dr. Zulphikar Ali	180000	2023-24
Formulation and Evaluation of Nanoparticles for Targeted Drug Delivery	One Year	Dr. Deepika Rani	180000	2023-24
Comparative Study of Ayurvedic vs. Conventional Treatment for Irritable Bowel Syndrome (IBS)	One Year	Dr. Krishnanand C	180000	2022-23
Exploring the Role of Ayurvedic Nutrition (Pathya) in Preventing Lifestyle Diseases	One Year	Dr. Shailendra Bhardwaj	160000	2022-23
Exploring the Role of Gut Microbiota in Modulating Immune Response and Disease Resistance	One Year	Dr. Rajiv Dutta	160000	2022-23
Development and Evaluation of Nanocarriers for Targeted Drug Delivery in Cancer Therapy	One Year	Dr. Madan Lal Kaushik	160000	2022-23
Investigating the Pharmacokinetics of Herbal Medicines in Drug-Drug Interaction Studies	One Year	Dr. Niladry Sekhar Ghosh	140000	2022-23
Optimizing Water Use Efficiency in Irrigation Systems through Precision Agriculture	One Year	Dr. Shivani	100000	2021-22



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Comparative Study of Ayurvedic vs. Conventional Treatment in Managing Type 2 Diabetes	One Year	Dr. A. P. Singh	160000	2021-22
Exploring the Antioxidant Properties of Ayurvedic Herbal Extracts for Skin Aging	One Year	Dr. Trupti Dayinee Acharya	160000	2021-22
Assessing the Anti-Inflammatory Effects of Ayurvedic Herbs in Osteoarthritis Management	One Year	Dr. Kultar Singh	150000	2021-22
Impact of Ayurvedic Diet and Lifestyle (Pathya) on Gut Health and Digestive Disorders	One Year	Dr. Krishnanand C	180000	2021-22
The Role of Ayurvedic Detoxification (Panchakarma) in Managing Chronic Stress	One Year	Dr. Namit Vashistha	140000	2021-22
Evaluating the Effectiveness of Ayurvedic Herbal Formulations in Managing Hypertension	One Year	Dr. Seema Jaglan	140000	2021-22
Investigating the Impact of Microplastics on Aquatic Ecosystems and Organisms	One Year	Dr. Divya Prakash	150000	2021-22
Exploring the Role of Epigenetics in Plant Stress Responses to Climate Change	One Year	Dr. Naveen Kumar	140000	2021-22



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The Effectiveness of Blended Learning Models in Enhancing Student Engagement and Academic Performance	One Year	Dr. Abhimanyu Upadhyay	140000	2021-22
The Impact of Employee Well-Being Programs on Organizational Productivity and Retention	One Year	Dr. Prashant Kumar	160000	2021-22
Design and Development of Autonomous Drone Systems for Agricultural Monitoring	One Year	Dr. Mahipal Singh	140000	2021-22
Optimization of Renewable Energy Systems Using Machine Learning Algorithms	One Year	Dr. Tarun Kumar Sharma	140000	2021-22
Development of Smart IoT-Based Systems for Real-Time Water Quality Monitoring	One Year	Mr. Shoyab Hussain	100000	2021-22
Evaluating the Impact of Sustainable Irrigation Practices on Crop Yield and Water Conservation in Horticultural Systems	One Year	Dr. Shivani	100000	2020-21
Evaluation of Ayurvedic Interventions in Managing Stress and Anxiety	One Year	Dr. Shashidhar Kumar	140000	2020-21
Assessing the Role of Ayurvedic Diet in Managing Type 2 Diabetes	One Year	Dr. Ranjit Singh Manhas	160000	2020-21
Impact of Panchakarma Detoxification Therapies on Cardiovascular Health	One Year	Dr. Vikas Kr. Sharma	160000	2020-21



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Phytochemical Analysis and Antioxidant Potential of Ayurvedic Herbs for Skin Health	One Year	Dr. K Srinivas	160000	2020-21
Exploring the Role of Microbiota in Human Gut Health and Immune Function	One Year	Dr. Divya Prakash	160000	2020-21
Antibiotic Resistance in Environmental Microbes: A Study on Wastewater Treatment Plants	One Year	Dr. Rajiv Dutta	150000	2020-21
Designing Autonomous Robotic Systems for Waste Management in Urban Areas	One Year	Dr. Tarun Kumar Sharma	150000	2020-21
Development of Smart Energy Management Systems for Sustainable Buildings	One Year	Dr. Anil Kumar Nishad	140000	2020-21
Formulation and Characterization of Nanoparticle-Based Drug Delivery Systems for Targeted Cancer Therapy	One Year	Dr. Madan Lal Kaushik	140000	2020-21
Investigating the Effectiveness of Herbal Extracts in Treating Antibiotic-Resistant Infections	One Year	Dr. Niladry Sekhar Ghosh	140000	2020-21
Evaluating the Effectiveness of Integrated Nutrient Management in Improving Soil Health and Crop Yield	One Year	Dr. Mohd. Vaseem	120000	2019-20





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Impact of Mulching Techniques on Soil Moisture Retention and Crop Productivity in Horticultural Crops	One Year	Dr. Md. Qussen Akhtar	120000	2019-20
Evaluating the Efficacy of Ayurvedic Herbs in Managing Hyperlipidemia	One Year	Dr. Preethi V	160000	2019-20
Impact of Ayurvedic Interventions on Sleep Disorders and Insomnia	One Year	Dr. Namit Vashistha	160000	2019-20
Ayurvedic Approaches to Managing Irritable Bowel Syndrome (IBS)	One Year	Dr. Jitender Kumar Rana	140000	2019-20
The Role of Panchakarma Therapies in Detoxification and Immune System Modulation	One Year	Dr. Meenakshi Chaudhary	160000	2019-20
Investigating the Antioxidant and Anti-Inflammatory Properties of Ayurvedic Herbs in Skin Health	One Year	Dr. Seema Jaglan	140000	2019-20
The Efficacy of Ayurvedic Dietetics (Pathya Ahar) in Managing Metabolic Syndrome	One Year	Dr. Shagufta Malhotra	140000	2019-20
Exploring the Mechanisms of Antibiotic Resistance in Hospital-Acquired Infections	One Year	Dr. Divya Prakash	180000	2019-20
Role of Microbiomes in Soil Health and Plant Disease Resistance	One Year	Dr. Abhinav	110000	2019-20



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The Impact of Consumer Perception of Green Marketing on Purchase Behavior in Eco-Friendly Products	One Year	Dr. Abhimanyu Upadhyay	160000	2019-20
Development of Low-Power Wireless Communication Systems for IoT Applications	One Year	Dr. Mahipal Singh	180000	2019-20
Evaluating the Pharmacokinetics and Toxicity Profile of Herbal Medicines in Combination Therapy	One Year	Dr. Arif Naseer	160000	2019-20
Development and Optimization of Nanomedicine for Targeted Drug Delivery in Cancer Therapy	One Year	Mr. Niladry Sekhar Ghosh	160000	2019-20
Exploring the Role of Gut Microbiota in Drug Metabolism and Personalized Medicine	One Year	Dr. Zulphikar Ali	110000	2019-20