



*Where talent meets opportunity*

# **SRI SATYA SAI UNIVERSITY OF TECHNOLOGY AND MEDICAL SCIENCES**

**3.1.2 The institution provides seed money to its teachers for research  
(average per year INR in Lakhs**

**2017-18 TO 2021-22**

**[www.sssutms.co.in](http://www.sssutms.co.in)**

Opp.Oilfed Plant, Bhopal-Indore Road, Sehore (M.P), Pin - 466001



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# Seed Money 2017

S. No.	Name of Faculty	Title of the Research Proposal	Amount Lakhs	in
1	Priyanka Jhavar	Heat transfer analysis of autoclaved aerated concrete brick box type solar cooker with side loading	3	
2	Sanjay Rathore	The Simultaneous Eruption of Strongest Flares and Geomagnetic Storms During Solar Cycle 24	1.5	
3	CK Tyagi	Characterization and biological evaluation of adnocalymma aliaceum miers flowers for antidiabetic activity	3	
4	Sonal Bharti	The effects of volume fraction of A suspended particulate matter in Dusty fluid	1.5	
5	PradeepPatra	Phytochemical & analgesic investigation of Calotropis procera leaves	2.5	
6	Sujata Kushwaha	Design of extended release matrix tablet of tramadol hydrochloride using combination of hydrophobic and hydrophilic polymer	2.25	
7	Alka Thakur	A New Model Reference Adaptive Controller for Four Quadrant Vector Controlled Induction Motor Drives	2.8	
8	Jitendra Sheetlani	Method of garbage monitoring and clearing process by IOT	3	
9	Neelesh Choubey	Formulation, performance and evaluation of transdermal drug delivery system of an antiemetic drug	2.5	
10	Hemant Sharma	Hepatoprotective effect of tragetes Erecta L. extract on carbon tetrachloride induced hepatotoxicity in Rats	2.9	

  
**Registrar**  
 Sri Satya Sai University of Technology  
 & Medical Sciences, Seclore (M.P.)

# Seed Money 2018

S. No.	Name of Faculty	Title of the Research Proposal	Amount in Lakhs
1	Vijay Singh	Multiple Access Technique for Differential Noise	3
2	Neelesh Diwakar	Pilot project on sewage water treatment by integration Of filtration tank & solar compound parabolic Collector	2.2
3	Prashant Singh	Analysis and characterization of natural composite for passenger aircraft interior	2.5
4	Susan Thomas	How to use Kent repertory with some solved cases	1.2
5	Umesh Pandey	Role of Homoeopathy in Treatment of Asthma	1.8
6	Gajraj Singh	A Study on Corporate Governance IN JK Bank and its Performance	0.8
7	Ganjendra Singh Chandel	An approach for classification of network traffic on semi-supervised data using clustering techniques	2.12
8	Geeta Khoobchandni	Study of ionospheric variations through radar observations	2
9	Sana Sahil	COVID-19: A Global Pandemic of 21st Century	1.2
10	Neelu Jain	Phyisco-chemical analysis of heavy metals and its effect on human health	2.5

  
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# Seed Money 2019

S. No.	Name of Faculty	Title of the Research Proposal	Amount in Lakhs
1	Dhiraj Shinde	पर्यावरण शिक्षा के अंतर्गत पर्यावरण चेतना विकसित करने में शिक्षा के योगदान का समीक्षात्मक अध्ययन	2.2
2	Minakshi Pathak	Effect of Martial Art Learning and Physical Activities on Personality Profile of Rural Adolescent Girls	3
3	Narendra Sharma	Forecasting the Most Predictable Municipal Solid Wastes for Improving the Quality of Waste Management System in Urban & Rural Areas of India	2.15
4	Harsh Pratap	A smart dustbin for disabled people	3
5	Kanchan Shrivastav	Analysis on Venture Capital for Micro, Small and Medium Enterprises with Respect to Indian Economy	2.6
6	Abhilasha Pathak	सहरिया जनजाति का समाजशास्त्रीय अध्ययन	0.65
7	Vandana Bhatnagar	Study the influence of relationship between head & teaching staff of higher secondary school	1.5
8	Rajesh Sharma	Growth of ICT Companies after liberalization	2
9	Rajmal Ateria	Study the climate effect in production golden wheat of Sehore district	2.8
10	Mamta Vyas	सामान्य दिखाई देने वाले बच्चों में विद्यमान विशेष व्यवहार सम्बंधित समस्याओं का तुलनात्मक अध्ययन	2.25

  
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# Seed Money 2020

S. No.	Name of Faculty	Title of the Research Proposal	Amount in Lakhs
1	Deepak Mittal	Studies on the Physiological and Morphological colour Change Mechanism in a Fresh Water Teleost Ophiocephalus Guchua (Ham)	1.5
2	Shahab Ahmed	Basic Tools and equipments of F&B with Kitchen Management	1.8
3	Harsh Lohiya	Enhancing security of vehicular adhoc network by using novel approach	2.15
4	Sunil Shah	Enhancement of Solubility and Dissolution rate of Pravastatin using solid Dispersion	2.75
5	Vivek Jha	Impact of physical activity on academic achievement and cognitive performance among undergraduate sports students.	1.7
6	Shobha Malviya	Impact of Microbicidal Extraction of Plants Pathogens Disease	1.5
7	Dhanajay Yadav	Optimization of the independent grid solar power hybrid system for domestic use	3
8	Sanjay Kaleriya	Alternative Electricity Generation by Solar Panel	3
9	Babina Bora	English Phonetics in India: A comparative study	1.83
10	Santosh Jagwani	Implications in Indian education system	1.65

  
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# Seed Money 2021

S. No.	Name of Faculty	Title of the Research Proposal	Amount in Lakhs
1	Arun Modak	Establishment And Management Of University Electronic Libraries In India	1.5
2	Indrajeet Singh Yadav	An Analysis of Adoption of Sustainability Certifications by Tea Estates in Eastern India	2.55
3	Prabodh Khampariya	Design & Simulation of Single phase Sinusoidal Pulse Width Modulation (Unipolar) Inverter Prototype	2.25
4	SS Ali	Fixed Point Theorem for Fuzzy Metric Space	2.3
5	Ashitosh Farela	The Link Between Brand Recognition and Repeat Business	1.5
6	Ajay Sawrup	A Laboratory Assessment on Concrete Mix Design by Using Fly Ash as Bonding	2.25
7	Narendra Patel	Evaluation of anti-ulcer activity of hydroalcoholic leaves extract of leucas aspera	2.5
8	Prakhar Dubey	A Task Paper on - Development of Optimized Muffler to Improve the Efficiency of Diesel Engine for Eicher Bus	3
9	Sheetal Verma	Damage detection in a beam using cross correlation analysis of vibration reponse: A numerical approach	2.8
10	Shailendra Singh Thakur	Ananalysisi of Seiesmic behavior of RCC building frame on sloping ground wirh different types of bracing in soft soil condtion of seismic zone V	2.5

  
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