

## Research Initiation Scheme 2019-2020

### Sanction List

Sr. No.	Name Of The Teacher	College Name	Title Of The Project	Subject	Toal Sanction	Total Ist Year Sanction	Toal 2nd Year Sanction
1	Mr. Vikram Mahipatrao Desai	Smt. Kasturbai Walchand College Arts-Science, Sangli	A Green Approach Towards Synthesis, Characterization and Biological Activities of some Heterocyclic Compounds	Chemistry	₹ 1,12,500	₹ 88,750	₹ 23,750
2	Dr. Rajanikant Mohan Kurane	Rajarambapu Institute of Technology Rajaramnagar, Islampur, Tal- Walwa, Dist- Sangli	Synthesis and Characterization of Functionalized Graphene for Catalytic and Energy Applications	Chemistry	₹ 1,10,000	₹ 90,000	₹ 20,000
3	Dr. Rajendra Pandurang Patil	M. H. Shinde Mahavidyalaya, Tisangi, Tal.-Gaganbavada, Dist.- Kolhapur.	Design and Preparation of Titania loaded Magnentic Mixed-Metal Oxide Based Core-Shell nanostructure for environmental Cleaning	Chemistry	₹ 1,15,000	₹ 90,000	₹ 25,000
4	Dr. Asmita Shashikant Tapase	Dattajirao Kadam Arts, Science & Commerce college Ichalkaranji, Tal.- Hatkanagale, Dist.- Kolhapur	Synthesis and characterization of titania nanocomposites for their application	Chemistry	₹ 1,00,000	₹ 70,000	₹ 30,000
5	Mr. Pritam Arun Mali	Annasaheb Dange College Of Engineering & Technology, Ashta, Tal - Walwa, Dist. - Sangli	Artificial intelligence models for estimating evapotranspiration	Civil Engineering	₹ 45,000	₹ 22,500	₹ 22,500

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6	Mr. Athar M. Jamadar	Rajarambapu Institute of Technology, Rajaramnagar, Tal- Walwa, Dist- Sangli	Investigation for Moment carrying capacity of Castellated Beam Under Effect of Distortional Buckling	Civil Engineering	₹ 2,80,000	₹ 2,32,500	₹ 47,500
7	Mr. Santosh Dashrath Borate	Smt. Akkatai Ramgonda Patil Kanya Mahavidyalaya, Ichalkaranji, Tal.- Hatkanagale, Dist.- Kolhapur	A comparative study of work culture and environment among marathi medium and english medium primary schools in Satara city	Commerce	₹ 45,000	₹ 22,500	₹ 22,500
8	Mr. Durgesh P. Kshirsagar	Rajarambapu Institute of Technology Rajaramnagar, Islampur, Tal- Walwa, Dist- Sangli	IOT Framework for Monitoring Soil In Krishna Canal Command Area and Automated Recommendations For Cultivation	Computer and Science	₹ 2,49,000	₹ 2,14,500	₹ 34,500
9	Mr. Rajesh Mahadev Kamble	Annasaheb Dange College Of Engineering & Technology, Ashta, Tal - Walwa, Dist. - Sangli	A decentralized data deduplication blockchain technology for Secure Cloud Storage	Computer and Science	₹ 65,000	₹ 32,500	₹ 32,500

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10	Mr. Ashish N. Patil	Dr. Ashok Gujar Technical Institute's Dr. Daulatrao Aher College of Engineering, Karad, Tal - Karad, Dist - Satara.	A Platform Agnostic way for Data Governance with Metadata Management in Big Data Ecosystem	Computer and Science	₹ 20,000	₹ 10,000	₹ 10,000
11	Ms. Vaishali Gundu Powar	KIT's College of Engineering, Gokulshirgaon, Kolhapur	Sensor based Water Leakage Detection System	Computer and Science	₹ 80,000	₹ 65,000	₹ 15,000
12	Mr. Vivek Vijay Kheradkar	D.K.T.E. Society's Textile & Engineering Institute, Ichalkaranji, Tal.- Hatkanagale, Dist.- Kolhapur	Query Optimization in Uncertain and Probabilistic Databases	Computer and Science	₹ 55,000	₹ 27,500	₹ 27,500
13	Mr. Shrenik Ramgonda Patil	D.K.T.E. Society's Textile & Engineering Institute, Ichalkaranji, Tal.- Hatkanagale, Dist.- Kolhapur	Hybridization of Web Page Recommender system based on Machine Learning Techniques	Computer and Science	₹ 55,000	₹ 27,500	₹ 27,500
14	Mr. Prashantkumar Marutirao Gavali	D.K.T.E. Society's Textile & Engineering Institute, Ichalkaranji, Tal.- Hatkanagale, Dist.- Kolhapur	Design and Development of model for sentiment analysis	Computer and Science	₹ 65,000	₹ 32,500	₹ 32,500

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15	Mr. Ajit Shankar Mali	Rajarambapu Institute of Technology Rajaramnagar, Islampur, Tal- Walwa, Dist- Sangli	Categorizing drivers for safety in road transport by supervising GPS based vehicle speed using enhanced over_sampling mining techniques.	Computer and Science	₹ 45,000	₹ 22,500	₹ 22,500
16	Dr. Shital Shivaji Nangare	Dr. Ashok Gujar Technical Institute's Dr. Daulatrao Aher College of Engineering, Karad, Tal - Karad, Dist - Satara.	English Language Incompetency Among The Engineering Students: Causes Ajnd Remedies	English	₹ 35,000	₹ 17,500	₹ 17,500
17	Dr. Suresh Shrirang Patil	Arts And Commerce College, Nagthane, Tal - Satara, Dist- Satara.	Impact of Socio-Cultural background on English Learning at undergraduate levvel with special reference to panchgani	English	₹ 50,000	₹ 25,000	₹ 25,000
18	Mr. Amol Pandurang Jarag	Shikshanmaharshi Dr. Bapuji Salunkhe College, Miraj, Tal. - Miraj, Dist. - Sangli	Estimation Of Soil Loss & Sediment Yield in Bhogavati River of Kolhapur District (M.S) Using Geopatial Technology	Geography	₹ 60,000	₹ 30,000	₹ 30,000
19	Dr. Shubhangi Suresh Kale	Vivekanand College (Autonomous), 2130, 'E' Tarabai Park, Kolhapur.	Urban Expansion of Kolhapur City: A Geospatial Study	Geography	₹ 1,05,000	₹ 75,000	₹ 30,000

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20	Shri. Paresh Manikrao Wadekar	Annasaheb Dange College Of Engineering & Technology, Ashta, Tal - Walwa, Dist. - Sangli	Performance Investigation of Houshold Refrigerator with Latent Thermal Energy Storage	Mechanical Engineering	₹ 75,000	₹ 62,500	₹ 12,500
21	Mr. Amarnath Pandit Patil	Shri. Yashwantrao Patil Science College Solankur, Tal - Radhanagari, Dist - Kolhapur	An algebraic study of automata using transformation semigroups and their minimization problem	Mathematics	₹ 60,000	₹ 50,000	₹ 10,000
22	Mr. Vishal Ganpatrao Salunkhe	Annasaheb Dange College Of Engineering & Technology, Ashta, Tal - Walwa, Dist. - Sangli	Mathematical and Experimental Studies of Dynamic Characteristics Of Rolling Element Bearing Using Dimensional Analysis and Support Vector Machines.	Mechanical Engineering	₹ 80,000	₹ 77,500	₹ 2,500
23	Mr. Vijay Ravindra Patil	Annasaheb Dange College Of Engineering & Technology, Ashta, Tal - Walwa, Dist. - Sangli	A New Approach for Predicting the Response of Unbalanced Rotor Bearing Systems with Integrated Model of Dimensional Analysis and Soft Computing Tools	Mechanical Engineering	₹ 93,000	₹ 86,500	₹ 6,500

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24	Mr. Prasad Vijay Kengar	Annasaheb Dange College Of Engineering & Technology, Ashta, Tal - Walwa, Dist. - Sangli	Investigation of heat transfer enhancement in microchannel condenser of Automotive air conditioning system	Mechanical Engineering	<b>₹ 1,20,000</b>	<b>₹ 1,10,000</b>	<b>₹ 10,000</b>
25	Mr. Gurunath Vivek Shinde	Dr. Ashok Gujar Technical Institute's Dr. Daulatrao Aher College of Engineering, Karad, Tal - Karad, Dist - Satara.	Experimental Investigation of Friction Stir Welding of Aluminum-Copper Alloys for Refrigeration and Conditioning	Mechanical Engineering	<b>₹ 90,000</b>	<b>₹ 70,000</b>	<b>₹ 20,000</b>
26	Mr. Vishal N. Gandhe	Dr. Ashok Gujar Technical Institute's Dr. Daulatrao Aher College of Engineering, Karad, Tal - Karad, Dist - Satara.	Cutting Fluid Evaluation Based on Occupational health and Environmental Hazards	Mechanical Engineering	<b>₹ 40,000</b>	<b>₹ 30,000</b>	<b>₹ 10,000</b>
27	Shri. Anant D. Awasare	Dr. Ashok Gujar Technical Institute's Dr. Daulatrao Aher College of Engineering, Karad, Tal - Karad, Dist - Satara.	Design and Development of Low Cost Membrane for Biogas Purification	Mechanical Engineering	<b>₹ 15,000</b>	<b>₹ 7,500</b>	<b>₹ 7,500</b>

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28	Mr. Hemant K. Shete	Dr. Ashok Gujar Technical Institute's Dr. Daulatrao Aher College of Engineering, Karad, Tal - Karad, Dist - Satara.	Agro-Socio enhancement of rural farmers by using advance technology for peeling the sweet corn form cob	Mechanical Engineering	₹ 75,000	₹ 70,000	₹ 5,000
29	Mr. Shailesh Shirguppikar	Rajarambapu Institute of Technology Rajaramnagar, Tal- Walwa, Dist- Sangli	Experimental Investigation of CNT and Graphene coated tools for mi Electro Discharge Machining process	Mechanical Engineering	₹ 1,55,000	₹ 1,37,500	₹ 17,500
30	Shri. Lokesh Rajendrasing Patil	Rajarambapu Institute of Technology Rajaramnagar, Tal- Walwa, Dist- Sangli	Effect of active suspension control on vehicle comfort and road handling using suitable control algorithm for off road conditions	Mechanical Engineering	₹ 1,15,000	₹ 1,07,500	₹ 7,500
31	Shri. Patil Sayaji Balasaheb	KIT's College of Engineering, Gokulshirgaon, Kolhapur	To Study and develop a set up to display in process spindle rotational speed of lathe machine	Mechanical Engineering	₹ 40,000	₹ 35,000	₹ 5,000
32	Shri. Pravin Sambhaji Gosavi	KIT's College of Engineering, Gokulshirgaon, Kolhapur	Analysis of effect of different parameters (Materials, Notch Geometry and SurfaceFinish) on Fatigue life of Industry Specimen	Mechanical Engineering	₹ 1,25,000	₹ 1,12,500	₹ 12,500

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33	Shri.Mihir Hemant Kulkarni	KIT's College of Engineering, Gokulshirgaon, Kolhapur	Enabling the adoption of additive manufacturing technology for promoting smart factories in India	Mechanical Engineering	₹ 65,000	₹ 50,000	₹ 15,000
34	Mr. Amey Vasanttrao Sutar	D.K.T.E. Society's Textile & Engineering Institute, Rajwada, Ichalkaranji, Tal - Hatkanagale, Dist - Kohapur.	Wheeled Mobile Robots	Mechanical Engineering	₹ 1,35,000	₹ 1,17,500	₹ 17,500
35	Smt. Ashwini Mahesh Chougule	KIT's College of Engg.Gokulshirgaon, Kolhapur	Environment Friendly solar Foundry sand Dryers for Small Scale	Mechanical Engineering	₹ 40,000	₹ 32,500	₹ 7,500
36	Shri. Sangram Shivajirao Shinde	KIT's College of Engg.Gokulshirgaon, Kolhapur	Design and Development of waste heat recovery heat exchanger for Bulk Milk cooler	Mechanical Engineering	₹ 30,000	₹ 27,500	₹ 2,500
37	Mr. Ghanashyam Mahaling Chendke	Annasaheb Dange College Of Engineering & Technology, Ashta, Tal - Walwa, Dist. - Sangli	Study the effect of different water consumption pattern & precooler on cooling rate of storage type water cooler	Mechanical Engineering	₹ 1,00,000	₹ 87,500	₹ 12,500



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38	Mr. Sandip Mohan Honmane	Annasaheb Dange College of B.Pharmacy, Ashta, Tal.- Walwa, Dist.- Sangli.	Design and Development of Surface Modified Polymeric Nanoparticles for Targeted Drug Delivery	Pharmaceutics	<b>₹ 1,78,000</b>	<b>₹ 1,65,500</b>	<b>₹ 12,500</b>
39	Dr. Sushant Tanaji Magdum	Shri. Yashwantrao Patil Science College Solankur, Tal - Radhanagari, Dist - Kolhapur	Effect of Yogasana and Pranayama programme on performance of Football players.	Physical Education	<b>₹ 70,000</b>	<b>₹ 45,000</b>	<b>₹ 25,000</b>
40	Shri. Babasaheb Mhalu Sargar	Kanya Mahavidyalaya, Shivaji Road, Shivajinagar, Miraj, Tal. - Miraj, Dist. - Sangli.	निवडक व्यायाम प्रकारांचा हॅन्डबॉल खेळाडूंच्या कारक क्षमतांवर होणाऱ्या परिणामांचा चिकित्सक अभ्यास	Physical Education	<b>₹ 45,000</b>	<b>₹ 22,500</b>	<b>₹ 22,500</b>
41	Dr. Sharadrao Anandrao Vanalakar	Karmaveer Hire Arts, Science, Commerce and Education College, Muralidharnagar, Gargoti, Tal.- Bhudargad, Dist.- Kolhapur.	Nanotechnology for the development of micronutrient fertilizers for the improvement of their use efficiency in the smart agriculture	Physics	<b>₹ 2,70,000</b>	<b>₹ 2,25,000</b>	<b>₹ 45,000</b>

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42	Dr. Kishor Vishwanth Gurav	Devchand College, Arjun Nagar, Tal- Kagal, Dist- Kolhapur	Somg;e step electrosynthesis of Cu <sub>2</sub> ZnSnS <sub>4</sub> thin film for solar cell applications	Physics	₹ 2,80,000	₹ 2,37,500	₹ 42,500
43	Mr. Ramesh Shivappa Kattimani	Kanya Mahavidyalaya, Shivaji Road, Shivajinagar, Miraj, Tal. - Miraj, Dist. - Sangli.	Academic Stress, Psychological Well-being and Internet addiction among undergraduate college students	Psychology	₹ 55,000	₹ 27,500	₹ 27,500
44	Mr. Swapnil Dattatray Khorate	Shri. Yashwantrao Patil Science College, Solankur, Tal. - Radhanagari, Dist. - Kolhapur.	On Data Depth Based Procedures for Multivariate Data Analysis	Statistics	₹ 85,000	₹ 42,500	₹ 42,500
45	Dr. Vijay S. Jadhav	Raje Ramrao Mahavidyalaya, Jath, Dist.- Sangli.	Status, Survey, Ecology and Conservation perspectives of Avifauna arid zone of Jath Tahsil (M.S.) India.	Zoology	₹ 65,000	₹ 42,500	₹ 22,500
46	Dr. Parashuram Basappa Teli	Padmabhushan Dr. Vasantodada Patil Mahavidyalaya, Tasgaon, Dist. - Sangli.	Influence of extract of dried fruit and terminal leaves of vitis vinifera L. on Cam Angiogenesis	Zoology	₹ 1,00,000	₹ 90,000	₹ 10,000
47	Dr. Omkar Vishnupant Yadav	Amdar Shashikant Shinde Mahavidyalay, Medha, Tal.- Jawali, Dist.- Satara	Biodiversity of Land Snails and Slugs; Mollusea form Satara District.	Zoology	₹ 80,000	₹ 40,000	₹ 40,000

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48	Mr. Swapnil Yashavant Gadgune	Padmabhooshan Vasantodada Patil Institute Of Technology, Budhgaon, Tal: Miraj Dist- Sangli	Performance Improvement of BLDE Motor Drive using Sliding Mode Control technique	Electrical Engineering	₹ 1,00,000	₹ 1,00,000	₹ 0
					<b>₹ 44,72,500</b>	<b>₹ 35,05,250</b>	<b>₹ 9,67,250</b>