



Shram Sadhana Bombay Trust's
COLLEGE OF ENGINEERING & TECHNOLOGY
BAMBHORI, POST BOX NO. 94, JALGAON- 425001. (M.S.)
Included Under Section 2(f) & 12(B) of the UGC Act, 1956
ISO 9001:2015 Certified



November 2021

GRANTS FROM GOVERNMENT / NONGOVERNMENT

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Website- www.ssoetjalgaon.ac.in Email: ssoetjal@gmail.com

3.1.3 Percentage of departments having Research projects funded by government and nongovernment agencies during the last five years

3.1.3.1. Number of departments having Research projects funded by government and non-government agencies during the last five years

3.1.3.2. Number of departments offering academic programmes

Findings of DVV:

Provide List of teachers along with the department affiliation, title of the funded project, the amount and the funding agency during the last five years.

Response of HEI:

List of teachers along with the department affiliation, title of the funded project, the amount and the funding agency during the last five years is provided below



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Website- www.sscuetjalgaon.ac.in
Email: sscuetjal@gmail.com
Principal: Dr. G.K. Patnaik
M.E.(CSE), Ph.D. (CSE)

Phone No. (0257) 2258393
Fax No. (0257) 2258392

List of teachers along with the department affiliation, title of the funded project, the amount and the funding agency during the last five years is provided below

| Name of the Teacher | Name of Department | Title of the Funded Project | Amount in Lakh | The Funding Agency |
|-----------------------|--------------------|--|----------------|--|
| Year 2020-21 | | | | |
| NIL | | | | |
| Year 2019-20 | | | | |
| NIL | | | | |
| Year 2018-19 | | | | |
| Dr. Richa A. Modiyani | M.B.A. | “The impact of job stress on job performance: A study of academic staff at North Maharashtra University” (VCRMS) | 0.40 Lakh | Vice Chancellor Research Motion Scheme, KavayitriBahinabai Chaudhari North Maharashtra University, Jalgaon |
| Dr. Vishal S. Rana | M.B.A. | A Study of Problem and Opportunities of Tourism in Jalgaon district with special reference to tourist destination-Manudevi (VCRMS) | 0.55 Lakh | Vice Chancellor Research Motion Scheme, KavayitriBahinabai Chaudhari North Maharashtra University, Jalgaon |

UG Programs- Engineering: Chemical, Civil, Computer, Electrical, Electronics & Telecommunication, Mechanical
PG Programs - Engineering: MCA
- Management: MBA

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|--|------------------------|--|-------------|--|
| Ajay Bhardwaj | Mechanical Engineering | Experimental Investigations on machining behavior of aluminum metal matrix composite | 1.15 Lakh | ShramSadhana Research Promotion Scheme (SSRPS), SSBT's College of Engineering and Technology, Jalgaon |
| Dr.V.R.Diware MsShubhangi Deshmukh | Chemical Engineering | Treatment of Dairy Waste using Microwave Reactor | 1.75 Lakh | ShramSadhana Research Promotion Scheme (SSRPS), SSBT's College of Engineering and Technology, Jalgaon |
| Year 2017-18 | | | | |
| Jayant P.P. Gaurav D. Khodape | Biotechnology | Extraction of Collagen from Fish Waste | 0.40 Lakh | Shrama Sadhana Innovation and Entrepreneurship Development Centre (SSIEDC) SSBT's College of Engineering and Technology, Jalgaon |
| Dr. V.R.Diware | Chemical Engineering | Study of Manufacturing of Orthonitrochorobenzen e | 0.37 Lakh | Shrama Sadhana Innovation and Entrepreneurship Development Centre (SSIEDC) SSBT's College of Engineering and Technology, Jalgaon |
| Dr. S.A.Thakur | Chemical Engineering | Improvement & Analysis of Thermal Efficiency by using Molten Salt | 0.27 Lakh | Shrama Sadhana Innovation and Entrepreneurship Development Centre (SSIEDC) SSBT's College of Engineering and Technology, Jalgaon |
| Mr. A.C.Wani | Chemical Engineering | An IOT based Smart Solar Photovoltaic Remote Monitoring System | 0.40 Lakh - | Shrama Sadhana Innovation and Entrepreneurship Development Centre (SSIEDC) |

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|---------------------|---|--|--|--|
| | | | | SSBT's College of Engineering and Technology, Jalgaon |
| Mr. M.V.Rawlani | Electronics & Telecommunication Engineering | Design and Development of Underwater Cutting Machine | 0.25 Lakh | Shrama Sadhana Innovation and Entrepreneurship Development Centre (SSIEDC) SSBT's College of Engineering and Technology, Jalgaon |
| Mr.A. V. Rajput | Mechanical Engineering | Development & Fabrication of New Fire Safety System in Car | 0.22 Lakh | Shrama Sadhana Innovation and Entrepreneurship Development Centre (SSIEDC) SSBT's College of Engineering and Technology, Jalgaon |
| Mr. N.K.Patil | Mechanical Engineering | In Pipe Climbing Flexible Mechanism Robot | Shrama Sadhana Innovation and Entrepreneurship Development Centre (SSIEDC) | Shrama Sadhana Innovation and Entrepreneurship Development Centre (SSIEDC) |
| Mr. K. Shrivastava | Mechanical Engineering | Design & Fabrication of Automated & Mobile Operated Grass Cutter | 0.40 Lakh | Shrama Sadhana Innovation and Entrepreneurship Development Centre (SSIEDC) SSBT's College of Engineering and Technology, Jalgaon |
| Year 2016-17 | | | | |

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|--------------------------|---|---|-----------|--|
| Dr K S Wani/ M Husain | Chemical engineering/ci vil engineering | Experimental investigations on removal of TiO ₂ from effluent of slurry phase photo-catalytic reactors | 0.48 Lakh | Vice Chancellor Research Motion Scheme, KavayitriBahinabai Chaudhari North Maharashtra University, Jalgaon |
| P A Shirule | civil engineering | An evolutionary approach to reuse environmentally nuisance discarded tyre rubber as concrete aggregate | 1.00 Lakh | Vice Chancellor Research Motion Scheme, KavayitriBahinabai Chaudhari North Maharashtra University, Jalgaon |
| Dr.S.A. Thakur | Chemical Engineering | Treatment of sewage wastewater and purification of bio gas using algae | 0.80 Lakh | Vice Chancellor Research Motion Scheme, KavayitriBahinabai Chaudhari North Maharashtra University, Jalgaon |
| N. P. Jagtap | Information Technology | Distance and Elevation based Seed Sowing Techniques Based on the type of Soil | 1.14 Lakh | Vice Chancellor Research Motion Scheme, KavayitriBahinabai Chaudhari North Maharashtra University, Jalgaon |
| Pradeep M Solanki | Mechanical Engineering | Generations of Electricity from Two- wheeler exhaust waste heat energy using Thermoelectric Generator | 1.10 Lakh | Vice Chancellor Research Motion Scheme, KavayitriBahinabai Chaudhari North Maharashtra University, Jalgaon |
| D.B. Sadaphale | Mechanical Engineering | Inception of Salt Gradient Solar Pond with Additional non convective zone experimental validation | 1.00 Lakh | Vice Chancellor Research Motion Scheme, KavayitriBahinabai Chaudhari North Maharashtra University, Jalgaon |

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| P. N. Ulhe | Mechanical Engineering | Optimization of Burnishing Tool to improve the quality of work piece | 0.90 Lakh | Vice Chancellor Research Motion Scheme, KavayitriBahinabai Chaudhari North Maharashtra University, Jalgaon |
| Dr. I.D.Patil Mr. Jayant P.Parpalliwar | Biotechnology | Fermentative production and Characterization of Actinomycin by <i>Streptomyces antibioticus</i> using Protein Rich Supplements as Substrate | 1.00Lakh | Innovation and Entrepreneurship Development Centre (IEDC) DST, New Delhi |
| Dr. V. R. Diware | Chemical Engineering | Fabrication & Study of Concentric Pipe Heat Exchanger | 1.00 Lakh | Innovation and Entrepreneurship Development Centre (IEDC) DST, New Delhi |
| Dr. P.J.Shah | Electrical Engineering | Solar Powered Bicycle | 1.00 Lakh | Innovation and Entrepreneurship Development Centre (IEDC) |
| Dr. Umesh Bhadade | Information Technology | Accurate Measurement and Dissemination of Environmental Parameters to the Society Using IOT | 1.00 Lakh | Innovation and Entrepreneurship Development Centre (IEDC) DST, New Delhi |
| Mr. M.V. Rawlani | Mechanical Engineering | Krushak-A Multipurpose Agricultural Equipment | 1.00 Lakh | Innovation and Entrepreneurship Development Centre (IEDC) DST, New Delhi |
| Dr. I.D.Patil Mr. Jayant P.Parpalliwar | Biotechnology | Study on Fermentative Production and Purification of Amino Acids From Agricultural Waste | 2.00 Lakh | Rajiv Gandhi Science & Technology Commission (RGS & TC) Through North Maharashtra |

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|---|--|--|-----------|---|
| Vijay P. Sangore Dr.P.H.Zope Dr.K.S.Patil | Chemical Engineering, Electronics & Telecommunication Engineering & Applied Science Department | Engineering applications of electro conductive polymer in flexible electronics | 1.50 Lakh | University, Jalgaon ShramaSadhana Research Promotion Scheme (SSRPS), SSBT's College of Engineering and Technology, Jalgaon |
| Dr.K.S.Wani, Y.D.Thakre | Chemical Engineering | Investigation on removal of color and reduction of COD from textile industry waste water using Acoustic Cavitation process | 1.80 Lakh | ShramaSadhana Research Promotion Scheme (SSRPS), SSBT's College of Engineering and Technology, Jalgaon |



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