



The Shetkari Shikshan Mandal

Bhivarabai Sawant College of Engineering & Research

Accredited by NAAC with 'A' Grade

(Approved by AICTE & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University

West/1-3669721/2010, New dated 13 Jul. 2010)

S.No. 12/1/2 & 12/2/2, Narhe, Taluka-Haveli, Pune - 411041.

Phone: 020-24608500/01, Website: www.tssm.edu.in

Email: principal@tssm.edu.in

Dr. G. A. Hinge

Ph.D., LMISH

PRINCIPAL

Prof. Dr. T. J. Sawant

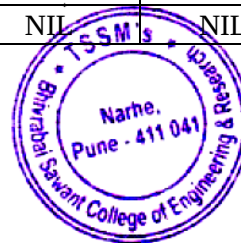
BE(Elec.), PGDBM, Ph.D.

PRESIDENT

3.1.1: Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

2023-24							
Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co- investigator	Department of Principal Investigator	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non- Government)	Link
Research grant for drone development	Prof. A. D. Gujar	Computer	50,000	1 year	AICTE	Government	Click here

2022-23							
Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co- investigator	Department of Principal Investigator	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non- Government)	Link
NIL	NIL	NIL	NIL	NIL	NIL	NIL	



Principal,
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2021-22



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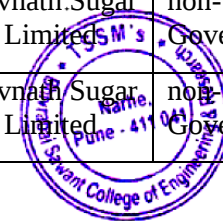
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S.N.	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/ Co-investigator	Department of Principal Investigator	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/ non-Government)	Link
1	Secured Information Transmission Using Steganography	Dr. S.N.Gujar	Computer	85000	1 Year	Bhairavnath Sugar Works Limited	non-Government	Click Here
2	Traffic Management Using Machine Learning	Dr. S.N.Gujar	Computer	70000	1 Year	Bhairavnath Sugar Works Limited	non-Government	Click Here
3	Surveillance Fire Fighting Robot	Dr. P. N. Shinde	E & TC	85000	1 Year	Bhairavnath Sugar Works Limited	non-Government	Click Here
4	Navigation In Mines Using RFID Technology	Prof. S. N. Bhore	E & TC	75000	1 Year	Bhairavnath Sugar Works Limited	non-Government	Click Here
5	Electrical bicycle	Dr.R.N.Pote	Mechanical	85000	1 Year	Bhairavnath Sugar Works Limited	non-Government	Click Here
6	Optimization and experimental testing of car external door handle using three point bending test and 3 D printing	Prof. V.N.Tapase	Mechanical	70000	1 Year	Bhairavnath Sugar Works Limited	non-Government	Click Here
7	Glazed Photovoltaic - Thermal Component for Building Envelope Structures	Prof. S.S.Ambhaikar	Civil	70000	1 Year	Bhairavnath Sugar Works Limited	non-Government	Click Here
8	Concrete Containing with Activated Carbon	Dr. R. S. Karale	Civil	70000	1 Year	Bhairavnath Sugar Works Limited	non-Government	Click Here
9	Portable Generation of Green Energy Using Water Flow	Prof. A.P.Kinge	Electrical	75000	1 Year	Bhairavnath Sugar Works Limited	non-Government	Click Here
10	Wireless Robotic ARM	Dr. S.G.Kanade	Electrical	70000	1 Year	Bhairavnath Sugar Works Limited	non-Government	Click Here

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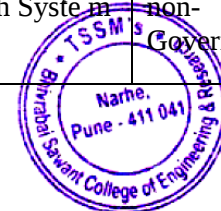
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2020-21

S.N.	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/ non-Government)	Link
1	Design of Confined RC Column	Prof. A.P.Khatri	Civil Engineering	55,000	1 Year	Giriraj Promoters Pvt. Ltd.	non-Government	Click Here
2	Assessment of Recycled Concrete Aggregates as a Pavement Material	Prof.N.P.Khatmode	Civil Engineering	75,000	1 Year	Giriraj Promoters Pvt. Ltd.	non-Government	Click Here
3	Floating Waste Collection Machine Using IoT	Prof.M.K.Kodmelwar	Computer Engineering	50,000	1 Year	Pathak Techno Solutions	non-Government	Click Here
4	Intelligent Data Mining of Social Media for Better Decision Making in Product or Services	Dr. S. N. Gujar	Computer Engineering	55,000	1 Year	Pathak Techno Solutions	non-Government	Click Here
5	A Broad Investigation for Diabetes Detection using Machine Learning Techniques	Dr.S.U.Kadam	Computer Engineering	65,000	1 Year	Pathak Techno Solutions	non-Government	Click Here
6	Hospital Management System	Prof. K S Vaidya	Elect. & Tele.Engg.	55,000	1 Year	Design Tech System Pvt. Ltd.	non-Government	Click Here
7	Electric Vehicle designing, modeling and assembly	Prof. A. A. Jain	Electrical Engineering	65,000	1 Year	Design Tech System Pvt. Ltd.	non-Government	Click Here
8	Intelligent Data Mining of Social Media for Better Decision Making In Product or Services	Dr.S.N.Gujar	Computer Engineering	75,000	1 Year	Design Tech System Pvt. Ltd.	non-Government	Click Here
9	Automated Multiple Choice Question Generation from Text Data	Dr.S.N.Gujar Principal, BSCOER, Pune.	Computer Engineering	50,000	1 Year	Design Tech System Pvt. Ltd.	non-Government	Click Here

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2019-20

S. N.	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/ Co-investigator	Department of Principal Investigator	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/ non-Government)	Link
1	Home Automation using Genetic Mean Algorithm	Prof. S. N. Gujar	Computer Engg.	75,000	1 Year	Bhairavnath Sugar Works Ltd.	Non-Government	Click Here
2	Identification of Maize leaf diseases using Improved deep convolution neural network	Dr. S. U. Kadam	Computer Engg.	75,000	1 Year	Bhairavnath Sugar Works Ltd.	Non-Government	Click Here
3	Vacuum Assisted Climber	Prof. V. N. Tapase	Mechanical Engineering	50,000	1 Year	Sanas Engineering, Shivane, Pune	Non-Government	Click Here
4	IoT based smart refrigerator for commercial and retail user using machine learning	Prof. S. N. Gujar	Computer Engg.	1,00,000	2 Year	Bhairavnath Sugar Works Ltd.	Non-Government	Click Here
5	Design and Fabrication of Electric Vehicle	Prof. V. N. Tapase	Mechanical Engineering	70,000	1 Year	Ganesh Accumulators Pvt. Ltd, Kolhapur	Non-Government	Click Here
6	Line following and gesture control self-driving car prototype	Prof. S. N. Gujar	Computer Engg.	80,000	1 Year	Bhairavnath Sugar Works Ltd.	Non-Government	Click Here
7	Maintaining Authenticity of digital certificates using Block chain	Prof. S. U. Kadam	Computer Engg.	80,000	1 Year	Bhairavnath Sugar Works Ltd.	Non-Government	Click Here
8	Women safety device using IoT and machine learning	Prof. P. N. Shinde	Elect. & Tele. Engg.	80,000	1 Year	Bhairavnath Sugar Works Ltd.	Non-Government	Click Here
9	Speech coding technique used in GSM for noise reduction	Dr. P. M. Patil	Elect. & Tele. Engg.	65,000	1 Year	Bhairavnath Sugar Works Ltd.	Non-Government	Click Here
10	Camera based forward collision avoidance system	Prof. B. H. Pansambal	Civil Engineering	2,00,000	2 Year	Bhairavnath Sugar Works Ltd.	Non-Government	Click Here

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