



Institute Name : Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology

India Rankings 2023 ID : IR-E-C-33773

Discipline : Engineering & Technology

Consultancy Projects (2021-22)

Sr. No.	Financial Year	Name of faculty (Chief Consultant)	Client Organization	Title of Consultancy of project	Amount received (in Rupees)	Amount received (in words)
1	2021-22	Dr. Rajendra Sawant, Dr. Y. S. Rao	General Auto Electric Co. Mumbai	Design and development of 6kW Battery Charger for Indian Railways	1, 50,000	One Lakh Fifty Thousand
2	2021-22	Dr. Rajendra Sawant, Dr. Y. S. Rao	Sileaf Technologies, Pune	Design and development of Solar Pumping BLDC Motor Controller	2,00,000	Two Lakh
3	2021-22	Dr. Rajendra Sawant, Dr. Y. S. Rao	Riddhi Heatron Mumbai	"Design and Development of a fully automated Pressure and Vacuum controlled Precision Induction Casting Machine	1,00,000	One Lakh
Total					4,50,000	Four Lakh Fifty Thousand

Consultancy Projects (2020-21)

Sr. No.	Financial Year	Name of faculty (Chief Consultant)	Client Organization	Title of Consultancy of project	Amount received (in Rupees)	Amount received (in words)
1	2020-21	Dr. Rajendra Sawant, Dr. Y. S. Rao	General Auto Electric Co. Mumbai	Design and development of 6kW Battery Charger for Indian Railways	1, 85,000	One Lakh Eighty Five Thousand
2	2020-21	Dr. Rajendra Sawant, Dr. Y. S. Rao	Sileaf Technologies, Pune	Design and development of Solar Pumping BLDC Motor Controller	2,00,000	Two Lakh
3	2020-21	Dr. Rajendra Sawant, Dr. Y. S. Rao	Riddhi Heatron Mumbai	Design and Development of Induction Casting Controller	1,00,000	One Lakh
4	2019-20	Dr. Sujata Kulkarni	FOSSEE, IITB	lab migration of Image and video processing.	0	
5	2020-21	Dr. Rajendra Sawant	LIGO-India, IUCAA Pune	Exploring techniques to reduce noise in high-precision position sensors (OSEMs) used in Advanced LIGO Gravitational Wave detectors	0	
Total					4,85,000	Four Lakh Eighty Five Thousand

Consultancy Projects (2019-20)

Sr. No.	Financial Year	Name of faculty (Chief Consultant)	Client Organization	Title of Consultancy of project	Amount received (in Rupees)	Amount received (in words)
1	2019-20	Dr. Rahul Dahatonde(PI) Dr. Deepak Karia (CO-PI) Dr. Rahul Khandare (CO-PI)	Under seed money grant of TEQIP-III, Sardar Patel College of Engineering, Andheri (West), Mumbai- 400058	Metamaterial Based Dual-band MIMO Antenna with High Isolation	50,000	Fifty thousand only
2		Dr. Rajendra Sawant, Dr. Y. S. Rao, Dr. Rajendra Sutar	Sileaf Technologies Pvt Ltd, Pune	Development of Universal Controller to work for water pump sets of capacities ranging from 3 HP to 10 HP catering to BLDC Motor, PMSM Motor and induction motor and for other types of motors used in agriculture equipment	200000	Two Lakhs
3		Dr. Rajendra Sawant, Dr. Y. S. Rao, Prof. G Haldankar	Riddhi Heatron	Design and Development of Digital Controller for Induction Casting Machine	100000	One Lakh
Total					3,50,000	

Consultancy Projects (2018-19)

0	Financial Year	Name of faculty (Chief Consultant)	Client Organization	Title of Consultancy of project	Amount received (in Rupees)	Amount received (in words)
1	2018-19	1) Dr. Y .S.Rao & Dr. R. R. Sawant	Riddhi Heatron	Design and Development of Digital Controller for Induction Casting Machine	100000	One Lakh
		2) Dr. Y .S.Rao & Dr. R. R. Sawant	Suyog Telematics Mumbai	Development of Software Applications to Maintain Service Calls and manage the service tickets/tokens	100000	One Lakh
		3) Dr. Y .S.Rao & Dr. R. R. Sawant	Zeuva Automotive Private Limited	Automotive Battery Management System	100500	One Lakh and Five Hundred
		4) Dr. Y .S.Rao & Dr. R. R. Sawant	Hardcarb Tech Pvt Ltd	Design and Development of a 24V/15A DC Motor PWM drive for PMDC OR shunt DC Motor	185000	One Lakh Eighty Five Thousand
		5) Dr. Y .S.Rao & Dr. R. R. Sawant	General Auto Electronic Corporation	Design and Development of Charging System of 4.5 KW	150000	One Lakh Fifty Thousand
		6) Dr. Y .S.Rao & Dr. R. R. Sawant	Sileaf Technologies Private Limited	Design and Development of Universal Controller for Solar Water Pumping	200000	Two lakh

1	2018-19	7) Dr. Rajendra Sawant (PI) Dr. Y. S. Rao (CO-PI), Prof. G. T. Haldankar (CO-PI)	General Auto Electric Corporation, Gavrai Pada, Vasai Road	Design implementation and testing of a DC to DC converter for ancillaries and charging batteries	1,50,000	One Lakh fifty thousand
		8) Dr. Rajendra Sawant (PI) Dr. Y. S. Rao (CO-PI), Dr. R. G. Sutar(CO-PI)	Hardcarb Technologies Pvt. Ltd., R-728, T.T.C. Industrial Area, MIDC Industrial Area, Rabale, Navi Mumbai, Maharashtra 400701	Design and development of 24V/15A DC Motor PWM Drive for PMDC OR Shunt DC Motor	185000	One Lakh fifty thousand
		9) Dr. Rajendra Sawant (PI) Dr. Y. S. Rao (CO-PI), Prof. G. T. Haldankar (CO-PI)	Design and development of Digital Controller for Induction Casting Machine	Riddhi-Heatron, Gala No. 5, Rainbow Industrial Premises, Next To Floral Deck Plaza, Road No.23, M.I.D.C, Andheri East, Mumbai, Maharashtra 400093	100000	One Lakh
2	2017-18	Prof. K.T.Talele, Shri Vinod Sikka (SP-TBI)	30 Startup	Job Internship Fair 2018	Rs. 16,500/-	Sixteen Thousand Five Hundred
3	2016-17	1. D. R. Kalbande	NIRRH	National Institute for Research in Reproductive Health	Rs. 60000/-	Sixty Thousand
		2. D. R. Kalbande	CHURCH	Online Quiz Management System web Application	Rs. 60000/-	Sixty Thousand

Year	No. of Client Organization	Total Amount (in Rupees)
2018-19	9	Rs. 12,70,500/-

