

NMAMIT, Nitte,
The Office of The Dean (R&D)

SPONSORED PROJECTS

Sl.No	Title of the Project	Funding Agency	Grant Received	Date	Duration	Status	Principal Investigator	Department
1.	Defect Characterization in antifrictionbearing using vibration signal analysis for condition monitoring	VTU Belgaum	Rs.6,50,000	3/10/2008	4 Year	Completed	Dr. Srinivas Pai P/ Dr. N.S.Sriram	Mechanical Engg
2.	Study and design of algorithms for VLSICAD tool development towards applications involving mutually exclusive modules	AICTE New Delhi	Rs. 4,60,000	30/10/2008	2 Year	Completed	Dr. N Chiplunkar	Computer Science Engg
3.	Financial Inclusion and beyond Issues and Challenges	Indian Council of Social Science Research, New Delhi	Rs. 4,94,500	19/02/2009	15 Month	Completed	Dr. M S Moodithaya	MBA
4.	Software architecture and program model to enhance the performance of application on multi core platform	Ministry of Science & Technology	Rs.15,98,000	13/10/2009	3Year	Completed	Dr. N Chiplunkar	Computer Science Engg
5.	Gender Subplan Preparation	Udupi Zilla Panchayat	Rs. 30,000	09/12/2009	6 Month	Completed	Dr. M S Moodithaya	MBA
6.	In vivo studies on + and synergistic radioprotective effect of stem bark extracts of ficus racemosa, madhuca	DAE, New Delhi	Rs.16,16,250	28/05/2010	3 Year	Completed	Dr. Vidya SM	Biotechnology

	indica and pterocarpus marsupium based on ethno medical knowledge to cancer treatment							
7.	A Study on Antivenin Property of Root Extract of Coix lachrymajobi for the Treatment of Indian Poisonous Snakes Venoms	DBT New Delhi	Rs 4,81,000	01/12/2010	1Year	Completed	Dr.Vaman Rao	Biotechnology
8.	Investigation on machining depth control in microelectro-discharge machining Process using 3 D Process simulation	VTU, Karnataka	Rs.12,40,000	10/12/2010	2 Year	Completed	Dr. Muralidhar	Mechanical Engg
9.	Bio Fuel Research	KSBDB, Govt of Karnataka	Rs. 10,50,000	2011		Completed	Dr.Vaman Rao	Biotechnology
10.	Bio Fuel Research	KSBDB, Govt of Karnataka	Rs. 7,90,000	2011		Completed	Dr.Vaman Rao	Biotechnology
11.	Expanding Financial inclusion in the North – Eastern States	Ministry of Finance, New Delhi	Rs. 2,00,000	11/01/2011	6 Month	Completed	Prof. Karnik	MBA
12.	Challenge of Financial inclusion in India. An Empirical Assessment	Ministry of Finance, New Delhi	Rs. 1,50,000	11/01/2011	6 Month	Completed	Prof. Karnik	MBA
13.	An evaluation Study of Branchless Banking initiatives of Corporation Bank	Corporation Bank, Bangalore	Rs. 4, 25, 000	04/02/2011	1 Year	Completed	Prof. Karnik	MBA
14.	Study on the impact of the Project in Belthagady Taluk	Sree ushethrs Dhermasthala Rural Development Projects, Dhermasthala	Rs.90,000	16/06/2011	6 Month	Completed	Dr. G.Joshi	MBA

		Karnataka						
15.	To Promote low power embedded system	Intel	Rs. 2,00000+10 ATOM boards	2012	15 Month	Completed	Dr. N Chiplunkar	Computer Science Engg
16.	Bank Finance for Agro Business : A Case Study in Dakshina Kannada	IIBF, Mumbai	1,50,000	02/01/2012	1 Year	Completed	Dr. G. V. Joshi	M BA
17.	Housing Finance in India – A study of cross country experiences	IIBF, Mumbai	1,50,000					MBA
18.	Research Projects on Financial Inclusion & Beyond: Issues and Challenges	Sir Ratan TATA Trust, New Delhi	4,90,000					MBA
19.	Production & distribution of tissue culture plantlets of banana, Var Grand Naine for the economic empowerment of the rural marginal SC/ST farmers and weaker sections of Udupi District, Karnataka	DBT	Rs.23,01,200	30/3/2012	3Year	Completed	Dr. Vidya SM	Biotechnology
20.	Embedded control system design for position & tracking control of a prototype actuator	SERB, DST, New Delhi	Rs.16,14,000	20/09/2012	3 Year	Completed	Dr.Muralidhar	Mechanical Engg
21.	Preparation of District Human and Development Report of Udupi District	Udupi Zilla Panchayat	Rs. 2,95,000	31/10/20 12	1 Year	Completed	Dr.N.S.Shetty	MBA

22.	Production of bioethanol and pigments from glycerol-A by product of biodiesel by Rodotorula glutinis	VGST, Karnataka	Rs. 40,000	22/12/2012	1 Year	Completed	Dr.Vaman Rao	Biotechnology
23.	Production of bioethanol from underutilized lignocellulosic residues	VGST, Karnataka	Rs. 30,00,000	16/03/2013	3 Year	Completed	Dr.Vaman Rao C	Biotechnology
24.	Modelling and optimization of surface Roughness in Ti- based alloys using vibration monitoring	AICTE, New Delhi	Rs.17,40,000	31/03/2013	3 Year	Completed	Dr.Srinivas Pai P	Mechanical Engg
25.	Biosynthesis of silver and gold Nano particles using santalum album	VGST, Karnataka	Rs. 40,000	23/12/2013	1 Year	Completed	Dr.Vaman Rao C	Biotechnology
26.	CSIR Fellowship	CSIR (New Delhi)	Rs.2,36,000	2013	1 Year	Completed	Dr.Vaman Rao C	Biotechnology
27.	CSIR Fellowship	CSIR (New Delhi)	Rs.2,36,000	2014	1 Year	Completed	Dr.Vaman Rao C	Biotechnology
28.	Surface Roughness Evaluation of Turned Surface using computer vision system	IE (India)	Rs. 15,000	31/03/2014	1 year	Completed	Dr.Srinivas Pai P	Mechanical
29.	Investigation on the role of probiotic exopolysaccharides in the prevention of radiation induced injury.	DAE New Delhi	Rs.22,13,750	17/04/2014	3 Year	On Going	Dr. Vidya SM	Biotechnology
30.	Attenuation of Pseudomonas aeruginosa virulence by dietary phytochemicals from vegetables as quorum sensing inhibitors	MST New Delhi	Rs. 18,40,000	02/05/2014	3 Year	On Going	Dr.Vaman Rao C	Biotechnology

31.	Nio nanophosphors: Microwave Synthesis, Microstructure and Photoluminescence	VGST	Rs.4,00,000	07/01/2015	1 Year	Completed	Dr. Aarti S	Chemistry
32.	Design Fabrication and Testing of Microump Manufactured using Tool Based Micromachining Process for Drug Delivery System	VGST	Rs. 30,000	28/02/20 15	6 Month	Completed	Dr. Muralidhar	Mechanical Engg
33.	Design and Fabrication of a Multiple Biodiesel Seed Decorticator	NID Ahmadabad	Rs. 1,02,500	26/03/2015	1 year	Completed	Dr. Shashikanth Karinka	Mechanical Engg.
34.	National Conference on “Emerging Trends in Wireless Communication and Signal Processing	Department of Space	Rs. 60,000	11/01/2017	1 Year	Completed	Dr. Rekha Bhandarkar	E&C
35.	Investigation on Genome Wide Analysis of Protein Repeats in Pichia Pastoris.	TEQIP-Phase-II	Rs. 57,000	2016	1 Year	Completed	Dr. Bharath B.R	BT
36.	Optimal Enhancement of Network Lifetime by Using Energy Efficient Communication in Wireless Sensor Networks.	TEQIP-Phase-II	Rs. 70,000	2016	1 Year	Completed	Dr. K.V.S.S.S.S. Sairam	E&C
37.	Investigation on the Role of L. Rhamnosus Exopolysaccharide on Biofilm Formation and Its Radioprotective Application.	TEQIP-Phase-II	Rs. 1,10,000	2016	1 Year	Completed	Dr. Vidya S M	BT
38.	Design of a Tool for Traffic Data.	TEQIP-Phase-II	Rs. 78,000	2016	1 Year	Completed	Ms. Ashwini B	ISE
39.	Studies on Applications of Artificial Intelligence, Machine Learning Techniques in Speech Recognition and Speech	TEQIP-Phase-II	Rs. 75,000	2016	1 Year	Completed	Dr. Surendra Shetty	MCA

	Disorders problems for Kannada Language Speakers.							
40.	Embedded System Design for Position Control Dual Actuated System.	TEQIP-Phase-II	Rs. 70,000	2016	1 Year	Completed	Mrs. Prabha Niranjana	E&C
41.	Production of Nano Structured Zn-NI Alloy Coatings for Industrial Applications.	TEQIP-Phase-II	Rs. 70,000	2016	1 Year	Completed	Dr. Ramesh Bhat	Chemistry
42.	Smart Campus Management System.	TEQIP-Phase-II	Rs. 80,000	2016	1 Year	Completed	Mr. Naveen D Chandavarkar	CSE
43.	All Optical Nonlinear Characteristics of Novel Materials for Optical Power Limiting Applications.	TEQIP-Phase-II	80,000	2016	1 Year	Completed	Dr. Manjunatha K.B	Physics
44.	Microwave Assisted	TEQIP-Phase-II	Rs. 70,000	2016	1 Year	Completed	Mr. Vinayaka B. Shet	BT
45.	Automatic Question Paper Generator And Distributor.	TEQIP-Phase-II	Rs. 80,000	2016	1 Year	Completed	Mr. Sudeepa K.B	CSE
46.	Surface Roughness Optimization During High Speed Machining of Biodegradable Magnesium.	TEQIP-Phase-II	Rs. 1,05330	2016	1 Year	Completed	Dr. Srinivasa Pai P	ME
47.	Development of Alluminium Doped Cadmium Sulfide Thin Film for Solar Cell Applications.	TEQIP-Phase-II	Rs. 75,000	2016	1 Year	Completed	Mr. Raghavendra Bairy	Physics
48.	Refurbishing thin film Laboratory.	TEQIP-Phase-II	Rs. 80,000	2016	1 Year	Completed	Dr. Shivakumar	Physics
49.	'The Connected Farm' Smart Crop Monitoring and Control Using IOT 2016-17.	TEQIP-Phase-II	80,000	2016	1 Year	Completed	Dr. D.K.Sreekantha	CSE
50.	Design and Development of Voltage Drive for Piezo-Hydraulic Pump with Active	TEQIP-Phase-II	Rs. 80,000	2016	1 Year	Completed	Dr. Muralidhar	ME

	Valves.							
51.	Expert System design and mobile apps development for prediction of difficulties in airway passing in ICU and operation theatre	Nitte University	Rs. Rs. 1,80,000	28/06/2017	3 years	On Going	Dr. D K Sreekantha Dr. Sripada G Mehendale (KSHEMA)	CSE
52.	“Web solutions and mobile apps development for community health departments and satellite primary health centres of KSHRC”	Nitte University	Rs. Rs. 30,000	28/06/2017	1 year	On Going	Dr. D K Sreekantha Mr. Ananthamurthy	CSE
53.	Web solutions for Calculation of Exam Remuneration for Internal/External Examiners in the University Institute entitled “E-Remuneration”.	Nitte University	Rs. 30,000	2017	1 year	On Going	Mr. Ananthamurthy	MCA
54.	Web Solutions for Event and Accommodation Management of different Venues in the Institute Entitled “ Event Management System”	Nitte University	Rs. 15,000	2017	1 year	On Going	Mr. Ananthamurthy	MCA
55.	CPR Training Device	Nitte University	Rs. 16,000	2017	1 year	On Going	Dr. Rekha Bhandarkar	ECE
56.	Development of Trainer Stethoscope	Nitte University	Rs. 15,000	2017	1 year	On Going	Dr. K S Shivaprakash	ECE
57.	Development of Patient Lift System for Justice K S Hegde Charitable Hospital, Deralakatte, Mangaluru.	Nitte University	Rs. 16,000	2017	1 year	On Going	Mr. Melwyn Rajesh Castelino	Mechanical
58.	Technology Based Development of Nitte Mother and Newborn Cohort.	Nitte University	Rs. 1,06,000	2017	2 years	On Going	Dr. Mohan Hegde	MCA

59.	Development of Automatic System for Analysis and Detection of Puberphonia Speech Disorder Using Deep Neural Networks.	Nitte University	Rs. 1,70,000	2017	2 years	On Going	Ms. Sarika Hegde	CSE
60.	Strength prediction of alkali activated slag concrete mixes by accelerated testing	Management	Rs. 8,53000	28/06/2017	3 years	On Going	Mr. Mithun B M - PI Dr. Udaya Kumar G- Co-PI Dr. Srinath Shetty- Co-PI	Civil
61.	Development of corrosion resistant and antimicrobial touch surfaces through layer by layer nano structures zn-ni-tio ₂ composite coatings	Management	Rs. 13,80,000	28/06/2017	3 years	On Going	Dr. Ramesh Bhat- PI Mr. Vinayaka B Shet- Co-PI	Chemistry & Biotechnology
62.	Ultra wideband microstrip patch antenna for wireless communication	Management	Rs. 19,00,000	28/06/2017	3 years	On Going	Dr. Ashish Singh- PI	ECE
63.	Design and development of 1kw single phase inverter using cascaded bidirectional converters	Management	Rs. 9,50,000	28/06/2017	3 years	On Going	Mr. Suryanarayan K- PI	EEE
64.	Development of rapid detection kit for the detection of environmental pollutants using biosynthesized	Management	Rs. 14,14,701	28/06/2017	3 years	On Going	Mrs. Sneha Nayak- PI Dr. Shyama Prasad Sajankila -	BT

	nanopracticles						Co-PI Dr. C Vaman Rao- Co-PI	
65.	Paperless digital evaluation of student answer script	Management	Rs. 1,62,000	28/06/2017	3 years	On Going	Dr. Mohammad Javed- PI Dr. Uday Kumar Reddy- Co-PI	CSE
66.	Design and development of piezoactuator based inchworm drive with macro displacement range and submicrometer positioning accuracy.	Management	Rs. 15,00,000	28/06/2017	3 years	On Going	Dr. Muralidhara- PI	ME
67.	Study and to develop cost effective and green masonry block using industrial waste materials	Management	4,95,000	28/06/2017	3 years	On Going	Dr. I. R Mithanthaya- PI	CE
68.	Efficient data transmission over resource constrained wireless networks.	Management	Rs. 1,85,774	28/06/2017	3 years	On Going	Dr. Shivaprakasha- PI Dr. Rekha Bhandarkar- Co- PI	ECE
69.	Process design for the optimal production of bioethanol from the byproducts of pongamia	Management	Rs. 59,575	28/06/2017	3 years	On Going	Dr. C V Vaman Rao- PI, Mr. Venkatesh	BT

	biodiesel industry.						Kamath H– Co-PI	
70.	Machinebility studies in niti shape memory alloys.	Management	Rs. 5,00,000	28/06/2017	3 years	On Going	Dr. Srinivasa Pai P – PI, Mr. Grynel D’Mello– Co-PI	ME
71.	Tool Based Micromachining Research.	Management & KCTU, Bangalore	Rs. 77,28,000 Lakhs(38.64 +38.64)	19/07/2017	2 years	On Going	Dr. Muralidhara	ME
	Total Grant Received		Rs. 4,08,72,330					
	Grants received for Projects Completed		Rs. 1,91,12,530					
	Grants received for Projects Ongoing		Rs. 2,17,59,800					
	Ongoing project		23					
	Completed project		48					