

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.	Centre of innovation for studies on Automatic Natural Language Processing and Speech Disorder Problems in Kannada language.	VGST	Rs. 20,00,000	27/11/2017	2 Years	On going	Dr. Surendra Shetty	MCA
2.	Development Of Novel Metal Doped Semi(onductor Thin Films With High Opti(al Nonlinearities To Protect Eye And Sensors	VGST	Rs. 5,00,000	27/11/2017	1 Year	On Going	Dr. Manjunatha KB	Physics
3.	Modernization of Down Stream Processing Lab (MODROBS)	AICTE, New Delhi	Rs.14,92,000	24/10/2017	2 Years	On Going	Dr. Vaman Rao C.	BT
4.	Images Enhancement Techniques on Remotely Sensed Satellite Data using Mamdani and Sugeno Fuzzy Inference System	AICTE, New Delhi	Rs.4,35,294	20/8/2017	3 Years	On Going	Dr. Veenadevi S. V.	E&C
5.	Design And Development of Mini Hydraulic Drive System for Robotic Applications	AICTE, New Delhi	Rs.10,17,647	4/08/2017	3 Years	On Going	Dr. Muralidhara	ME

6.	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
7.	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
8.	Process design for the optimal production of bioethanol from the byproducts of ongamia biodiesel industry.	Management	Rs. 59,575	28/06/2017	3 years	On Going	Dr. C V Vaman Rao - PI, Mr. Venkatesh Kamath H– Co-PI	BT
9.	Efficient data transmission over resource constrained wireless networks.	Management	Rs. 1,85,774	28/06/2017	3 years	On Going	Dr. Shivaprakasha- PI Dr. RekhaBhandarkar Co-PI	ECE
10.	Study and to develop cost effective and green masonry block using industrial waste Materials	Management	Rs.4,95,000	28/06/2017	3 years	On Going	Dr. I. R Mithanthaya PI	CE
11.	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

12.	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
13.	Development of rapid detection kit for the detection of environmental pollutants using biosynthesized Nanopracticles	Management	Rs.14,14,701	28/06/2017	3 years	On Going	Mrs. Sneha Nayak- PI Dr. Shyama Prasad Sajankila – Co-PI Dr. C Vaman Rao- Co-PI	BT
14.	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
15.	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
16.	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 & BTE
17.	Strength prediction of alkali activated slag concrete mixes by accelerated testing	Management	Rs. 8,53,000	28/06/2017	3 years	On Going	Mr. Mithun B M - PI Dr. Udaya Kumar G- Co-PI Dr. Srinath Shetty- Co-PI	Civil
18.	Development of Automatic	Nitte	Rs.1,70,000	2017	2	On	Ms. Sarika Hegde	CSE

	System for Analysis and Detection of Puberphonia Speech Disorder Using Deep Neural Networks.	University			years	Going		
19.	Technology Based Development of Nitte Mother and Newborn Cohort.	Nitte University	Rs.1,06,000	2017	2 years	On Going	Dr. Mohan Hegde	MCA
20.	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
21.	Development of Trainer Stethoscope	Nitte University	Rs. 15,000	2017	1 year	On Going	Dr. K S Shivaprakash	ECE
22.	CPR Training Device	Nitte University	Rs. 16,000	2017	1 year	On Going	Dr. Rekha Bhandarkar	ECE
23.	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
24.	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

25.	“Web solutions and mobile apps development for community health departments and satellite primary health centres of KSHRC”	Nitte University	Rs. 30,000	28/06/2017	1 year	On Going	Dr. D K Sreekantha Mr. Ananthamurthy	CSE
26.	Expert System design and mobile apps development for prediction of difficulties in airway passing in ICU and operation theatre	Nitte University	Rs.1,80,000	28/06/2017	3 years	On Going	Dr. D K Sreekantha Dr. Sripada G Mehendale (KSHEMA)	CSE
27.	Design and Development of Voltage Drive for Piezo-Hydraulic Pump with Active Valves	TEQIP-Phase-II	Rs. 80,000	2016	1 Year	Completed	Dr. Muralidhar	ME
28.	‘The Connected Farm’ Smart Crop Monitoring and Control Using IOT 2016-17.	TEQIP-Phase-II	Rs. 80,000	2016	1 Year	Completed	Dr. D.K.Sreekantha	CSE
29.	Refurbishing thin film Laboratory.	TEQIP-Phase-II	Rs. 80,000	2016	1 Year	Completed	Dr. Shivakumar	Physics
30.	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
31.	Surface Roughness Optimization During High	TEQIP-Phase-II	Rs. 1,05,330	2016	1 Year	Completed	Dr. Srinivasa Pai P.	ME

	Speed Machining of Biodegradable Magnesium.							
32.	Automatic Question Paper Generator And Distributor.	TEQIP-Phase-II	Rs. 80,000	2016	1 Year	Completed	Mr. Sudeepa K B	CSE
33.	Microwave Assisted	TEQIP-Phase-II	Rs. 70,000	2016	1 Year	Completed	Mr. Vinayaka B. Shet	BT
34.	All Optical Nonlinear Characteristics of Novel Materials for Optical Power Limiting Applications.	TEQIP-Phase-II	Rs. 80,000	2016	1 Year	Completed	Dr. Manjunatha K.B	Physics
35.	Smart Campus Management System.	TEQIP-Phase-II	Rs. 80,000	2016	1 Year	Completed	Mr. Naveen D Chandavarkar	CSE
36.	Production of Nano Structured Zn-NI Alloy Coatings for Industrial Applications.	TEQIP-Phase-II	Rs. 70,000	2016	1 Year	Completed	Mr. Ramesh Bhat	Chemistry
37.	Embedded System Design for Position Control Dual Actuated System.	TEQIP-Phase-II	Rs. 70,000	2016	1 Year	Completed	Mrs. Prabha Niranjana	E&C
38.	Studies on Applications of Artificial Intelligence, Machine Learning Techniques in Speech Recognition and Speech Disorders problems for Kannada Language Speakers.	TEQIP-Phase-II	Rs. 75,000	2016	1 Year	Completed	Dr. Surendra Shetty	MCA

39.	Design of a Tool for Traffic Data.	TEQIP-Phase-II	Rs. 78,000	2016	1 Year	Completed	Ms. Ashwini B	ISE
40.	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
41.	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
42.	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
43.	Design and Fabrication of a Multiple Biodiesel Seed Decorticator	NID Ahmadabad	Rs.1,02,500	26/03/2015	1 Year	Completed	Dr. Shashikanth Karinka	MECH
44.	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	MECH

45.	Nio nanophosphors: Microwave Synthesis, Microstructure and Photoluminescence	VGST	Rs. 4,00,000	07/01/2015	1 Year	Completed	Dr. Aarti S	Chemistry
46.	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	BT
47.	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	BT
48.	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	MECH
49.	CSIR Fellowship	CSIR (New Delhi)	Rs.2,36,000	2014	1 year	Completed	Dr.Vaman Rao C	BTE
50.	CSIR Fellowship	CSIR (New Delhi)	Rs.2,36,000	2013	1 year	Completed	Dr.Vaman Rao C	BTE
51.	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	BTE

52.	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	MECH
53.	Production of bioethanol from underutilized lignocellulosic residues	VGST, Karnataka	Rs.30,00,000	16/03/2013	3 Year	Completed	Dr.Vaman Rao C	BTE
54.	To Promote low power embedded system	FICE, Bangalore	Rs.1,50,000	16 th Dec. 2013	24 months	Completed	Dr. Niranjan N. Chiplunkar	CSE
55.	Production of bioethanol and pigments from glycerol-A by product of biodiesel by <i>Rodotorula glutinis</i>	VGST, Karnataka	Rs. 40,000	22/12/2012	1 Year	Completed	Dr.Vaman Rao C	BTE
56.	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	MECH
57.	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	BT

58.	Bank Finance for Agro Business : A Case Study in Dakshina Kannada	IIBF, Mumbai	Rs .1,50,000	02/01/2012	1 Year	Completed	Dr. G. V. Joshi	M BA
59.	Study on the impact of the Project in Belthagady Taluk	Sree Kshethrs Dhermast hala Rural Development Projects, Dhermast hala	Rs.90,000	16/06/2011	6 months	Completed	Dr. G. V Joshi	MBA
60.	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
61.	Challenge of Financial inclusion in India. An Empirical Assessment	Ministry of Finance, New Delhi	Rs. 1,50,000	11/01/2011	6 months	Completed	Prof. Karnik	MBA
62.	Expanding Financial inclusion in the North – Eastern States	Ministry of Finance, New Delhi	Rs.2,00,000	11/01/2011	6 months	Completed	Prof. Karnik	MBA

63.	Bio Fuel Research	KSBDB, Govt of Karnataka	Rs. 7,90,000	2011		Completed	Dr.Vaman Rao	BT
64.	Bio Fuel Research	KSBDB, Govt of Karnataka	Rs.10,50,000	2011		Completed	Dr.Vaman Rao	BT
65.	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	MECH
66.	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	1 Year	Completed	Dr.Vaman Rao	BT
67.	In vivo studies on + and synergistic radioprotective effect of stem bark extracts of ficus racemosa, madhuca indica and pterocarpus marsupium based on ethno medical knowledge to cancer treatment	DAE, New Delhi	Rs.16,16,250	28/05/2010	3 Year	Completed	Dr. Vidya SM	BT
68.	Gender Subplan Preparation	Udupi Zilla Panchayat	Rs. 30,000	09/12/2009	6 month s	Completed	Dr. M S Moodithaya	MBA
69.	Software architecture and program model to enhance the performance of application on	Ministry of Science &	Rs.15,98,000	13/10/2009	3Year	Completed	Dr. N Chiplunkar	CSE

	multi core platform	Technology						
70.	Financial Inclusion and beyond Issues and Challenges	Indian Council of Social Science Research, New Delhi	Rs.4,94,500	19/02/2009	15 months	Completed	Dr. M S Moodithaya	MBA
71.	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	CSE
72.	Research Projects on Financial Inclusion & Beyond: Issues and Challenges	Sir Ratan TATA Trust, New Delhi	Rs.4,90,000	2008				MBA
73.	Defect Characterization in antifriction bearing 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	MECH
74.	Growth of Optical Crystals, nano crystals, crystals on polymer as substrate for various optical applications	VTU Belgaum	Rs.3,75,000	3 rd October 2008	3 Years	Completed	Dr. Sharada G. Prabhu	Physics

75.	Housing Finance in India – A study of cross country experiences	IIBF, Mumbai	Rs.1,50,000	April 17,2008	1 Year	Completed	Dr. M.S. Moodithaya	MBA
76.	Rural Self Employment Program in India: An Appraisal	ICSSR, New Delhi	Rs.2,00,000	February 2004	1 Year	Completed	Dr. M.S. Moodithaya	MBA
77.	Micro Finance & Rural Employment : An appraisal of the potentialities	NABARD, Mumbai	Rs.1,00,000	July 23, 2003	1 Year	Completed	Dr. M.S. Moodithaya	MBA
Total Grant Received			Rs. 48685521					
Grants received for Projects Completed			Rs. 2,55,33,530					
Grants received for Projects Ongoing			Rs. 2,31,51,991					
Ongoing project			26					
Completed project			51					