



CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

Kokapet(Village), Gandipet, Hyderabad, Telangana-500075. www.cbilt.ac.in



List of Completed Projects (Research or otherwise)

S. No	Name of the Principal Investigator (PI) / Co-Investigator	Department	Name of the Project	Name of Funding Agency	Term of the Project
1.	Dr. C. Obula Reddy	Bio-Technology	Design of Photo tubular Reactor for the Production of Biodiesel from Microalgae	R&D, CBIT	2013 (4Months)
2.	Dr G. Vijaya Laxmi		Studies on enhancement of the secondary metabolites in invitro through hairy roots and immobilized cell suspensions in medicinally important plant Achyranthesaspera	UGC	2016-17 (one year)
3.	Prof AVN Swamy		UASB Bioreactor-Skid mount	R&D, CBIT	2017 (4 months)
4.	Dr. R Sreedhar Rao and Dr. M Kalyani	Chemical	MODROBS of Process Dynamics and Control Laboratory	AICTE-MODROB	2012-13 (1 year)
5.	Dr. R Sreedhar Rao and I Bala Krishna		MODROBS of Chemical Reaction Engineering Laboratory	AICTE-MODROB	2013-14
6.	Dr. R. Sreedhar Rao and Dr. P. V. Naga Prapurna		MODROBS of Computer Application in Process Industries Lab	AICTE-MODROB	2015-16
7.	Dr. S Kishore Kumar and Dr B Sreedhara Rao		Preliminary Study on Pyrolysis Medical Plastic Waste to Fuel	M/S Resonant Polymers Hyderabad (Consultancy)	2019-2020
8.	Dr. N. V. Koteswara Rao	ECE	Analysis of Printed slots and slot Coupled Radiators using MOM	AICTE-RPS, New Delhi	2004-07 (3 Years)

9.	Dr. D. Krishna Reddy and Dr. A D Sarma		Data Processing Techniques to Improve Real-time Performance of GNSS Systems	DST-SERB, New Delhi	2012-14 (2 Years)
10.	Dr. N. V. Koteswara Rao		Reconfigurable Microstrip Antennas for Cognitive radio and Mobile communications	CBIT, Hyderabad	2013-14 (1 Year)
11.	Dr. P N Sastry and Dr. N. V. Koteswara Rao		Design and Development of Palm Leaf Character Recognition System	AICTE-RPS, New Delhi	2013-16 (3 Years)
12.	Dr. N. V. Koteswara Rao and Dr. A D Sarma		Multifunction Frequency and Time-Domain Signal Analyzer for Testing and Performance Evaluation of Cellular and Navigation Components and Systems	AICTE-MODROV, New Delhi	2015-16 (1 Year)
13.	Dr. A. D. Sarma, Dr. N. V. Koteswara Rao and Dr. N. Alivelu Manga		A Local Short-Term Model for Forecasting Ionospheric Scintillations for GNSS Applications over Indian Region	ISRO-RESPOND, Bangalore	2016-2019 (3 Years)
14.	Dr. A Supraja Reddy, Dr. N. V. Koteswara Rao and Dr. K. Suman		Investigation of the Effects of Ionospheric Spatial decorrelation on Indian GBAS	SAC, ISRO, Ahmedabad	2017-2020 (3 Years)
15.	Dr. N. V. Koteswara Rao		IE 3D software Usage for Microstrip Antenna Simulation	GE India Business Center, Hyderabad	2004 (0.5 Years)
16.	Dr. K. Subba Rao Dr. N. V. Koteswara Rao Sri E. Chandrasekhar		Design and Development of DSP Processor Based Signal Processing Unit for Ring Laser Gyro	RCI-CARS, DRDO, Hyderabad	2013-15 (2 Years)
17.	Dr.A.D. Sarma Dr. D Krishna Reddy and Sri .P. Sathish		Performance Evaluation of IRNSS in the Context of user Position and Velocity	RCI-CARS, DRDO, Hyderabad	2015-17 (2 Years 9 Months)
18.	Dr.K.SubbaRao and Dr. N. V. KoteswaraRao		Improvement of Performance of RLG with Wavelet and S-Transform Algorithms	RCI-CARS, DRDO, Hyderabad	2016-18 (2 Years)
19.	Dr. G. Suresh Babu and Dr. T. Murali Krishna	EEE	Design and Development of Grid Tied Inverter for Renewable Source Applications	The Institution of Engineers ((India)	1 Year 2016-2017
20.	Dr. K. Radhika	IT	Big-data Analytics Lab	AICTE-MODROB	1 Year 2017-18
21.	Dr.B Indira	MCA	A Study on the effective use of ICT for education and learning purpose in various schools and colleges of Hyderabad and Secunderabad	MRP, UGC	2017 - 2019
22.	Dr. B. Sreenivasa Reddy and Dr. K. Vinay Kumar	Physics	Studies on the radioactivity levels present in the building materials used in Greater Hyderabad.	R&D Cell, CBIT	2015-16 (9 Months)

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23.	Dr. B. Linga Reddy, Dr. B. Sreenivasa Reddy and Dr. K. Vinay Kumar Reddy		Studies on the environmental radiation levels in the dwellings constructed under the double bed room housing schme at Erravalli and Narsannapet model villages of Telangana	TSCOST 2017-2018 (1 Year)