



ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri- 574 225, Mangalore, D.K., Karnataka State.

Phone : 08258-262724 (O), 262725(P), Telefax:08258-262726

A Unit of Alva's Education Foundation (R)

(Affiliated to Visvesvaraya Technological university, Belagavi, Approved by AICTE, New Delhi & Recognized by Government of Karnataka)

Email: principalaiet08@gmail.com

web: www.aiet.org.in

3.1.3 Percentage of departments having Research projects funded by government and non-government agencies during the last five years

3.1.3.1. Number of departments having Research projects funded by government and non-government agencies during the last five years

Sl.No	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/C o-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned in Lakhs	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
2016-17								
1	Performance Evaluation of Electrocoagulation Technique for Dairy Waste Water Treatment Using Aluminium Electrodes	Mr. Sanjay S	CV	2016-17	0.05 Lakhs	7 Months	KSCST	Government

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri- 574 225, Mangalore, D K, Karnataka State

Phone 08258-262724 (O), 262725(P), Telefax 08258-262726

A Unit of Alva's Education Foundation (R)

(Affiliated to Visvesvaraya Technological University, Belagavi, Approved by AICTE, New Delhi & Recognized by Government of Karnataka)

Email: principal@alvet08@gmail.com

web: www.aief.org.in

2	RS and GIS based Site Sustainability analysis for Solid Waste Disposal for Moodbidri and Karkala Region	Mr. Sanjay S	CV	2016-17	0.05 Lakhs	6 Months	KSCST	Government
3	A Feasibility Study on Treatment of Dairy Wastewater Aided with Electricity Generation using Dualchambered Microbial Fuel Cell	Mr. Sanjay S	CV	2016-17	0.045 Lakhs	6 Months	KSCST	Government
4	Li-Fi Based Indoor Navigation System For Physically Impaired People	Mrs. Jyothi Pramal	ECE	2016-17	0.05 Lakhs	1 Year	KSCST	Government
5	Brain Controlled Wheelchair	Mr. Sudhakar H M	ECE	2016-17	0.055 Lakhs	1 Year	KSCST	Government

6	A Mobile Health Network Disaster Managment System	Mrs. Divya Ravi.N	ISE	2016-17	0.045 Lakhs	1 Year	KSCST	Government
7	Design and fabrication of remote controlled coconut harvesting machine	Mr. Praveen K.C	ME	2016-17	0.08 Lakhs	1 Year	KSCST	Government
8	Automatic wheel chair Cum bed.	Mr. Deepak Kotari	ME	2016-17	0.07 Lakhs	1 Year	KSCST	Government

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri- 574 225, Mangalore, D K , Karnataka State

Phone : 08258-262724 (O), 262725(P), Telefax 08258-262726

A Unit of Alva's Education Foundation (R)

(Affiliated to Visvesvaraya Technological university, Belagavi, Approved by AICTE, New Delhi & Recognized by Government of Karnataka)

Email: principalaiet08@gmail.com

web: www.aiet.org.in

2017-18

1	Contamination of Soil and Ground Water through Leaching of Sewage and Industrial Waste from Unlined Drains in Mangalore	Dr.H.G Umeshchandra	CV	2017-18	0.055 Lakhs	6 Months	KSCST	Government
2	Learn and Teach: A Platform for Digital Classroom	Mr. Vasudev Shahapur	CSE	2017-18	0.04 Lakhs	1 year	KSCST	Government
3	V Braille: Text Input of Multi-Touch Screen Mobile Phones	Mr. Tahir Naquash H B	CSE	2017-18	0.04 Lakhs	1 year	KSCST	Government
4	A Speakup APP for People	Mr. Vivek Sharma	CSE	2017-18	0.04 Lakhs	1 year	KSCST	Government

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri- 574 225, Mangalore, D K , Karnataka State

Phone : 08258-262724 (O), 262725(P), Telefax 08258-262726

A Unit of Alva's Education Foundation (R)

(Affiliated to Visvesvaraya Technological university, Belagavi, Approved by AICTE, New Delhi & Recognized by Government of Karnataka)

Email: principalaiet08@gmail.com

web: www.aiet.org.in

5	Estimation and visualization of 3d orbits of gps satellite using gps navigation data file from mangalore gnss reciever	Dr. Dattathreya	ECE	2017-18	0.04 Lakhs	1 year	KSCST	Government
6	Acoustic event recognition for surveillance system	Mr. Aneesh Jain M V	ECE	2017-18	0.045 Lakhs	1 year	KSCST	Government
7	Investigation of Diffusion b/w Liquid tin of pure base metal for electronic application.	Dr. Satyanarayan	ME	2017-18	0.06 Lakhs	1 Year	KSCST	Government
8	Pressure variation solar Desalination With phase change material.	Mr. Kiran C H	ME	2017-18	0.08 Lakhs	1 Year	KSCST	Government

9	Physiochemical and mechanical characterisation of Natural areca fiber reinforced polymer composite materials	Dr. Basavaraju B	BS & H (CHM)	2017-18 (2012-13)	10.00 Lakhs	3 Years	VGST	Government
10	Ni-Mo Composite coatings with NiO nanoparticles as electrocatalytic material	Dr. Pavithra G.P	BS & H (CHM)	2017-18	5.00 Lakhs	1 year	VGST	Government


 Principal
 J. J. S. Institute of Engg. & Technology,
 Major, MOOSBIDRI - 574 225, D.K

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri- 574 225, Mangalore, D K , Karnataka State

Phone : 08258-262724 (O), 262725(P), Telefax: 08258-262726

A Unit of Alva's Education Foundation (R)

(Affiliated to Vignansaraya Technological university, Belagavi, Approved by AICTE, New Delhi & Recognized by Government of Karnataka)

Email : principal@et08@gmail.com

web : www.aict.org.in

2018-19

1	Detection of Artificially Ripened Fruits and Quantification of Hazardous Chemical Compounds Using Spectrometric Techniques	Dr.Roopalakshmi .R	ISE	2018-19	5.00 Lakhs	1 Year	KSTePS	Government
2	Delineation of Ground Water Potential Zones at Moodbidri by Electrical Resistivity and Remote Sensing Technique	Dr.H.G Umeshchandra	CV	2018-19	0.06 Lakhs	6 Months	KSCST	Government
3	Flood Inundation Mapping along the upper Reaches of Netravati River using RS and GIS Techniques	Mr. Sanjay S	CV	2018-19	0.06 Lakhs	6 Months	KSCST	Government

4	Performance improvement of direct methanol fuel cells using modified nafion membrane	Dr. D V Manjunatha	ECE	2018-19	0.05 Lakhs	1 Year	KSCST	Government
5	Overlapping acoustic event classification	Dr. Shankar B B	ECE	2018-19	0.035 Lakhs	1 Year	KSCST	Government
6	Plastic waste recycling through shredding process	Mr. Kiran C.H	ME	2018-19	0.09 Lakhs	1 Year	KSCST	Government
7	Determination of optimum substrate thickness to control dissolution & interfacial reaction between solder /substrate interfacial regions for electronic applications.	Dr. Satyanarayan	ME	2018-19	0.08 Lakhs	1 Year	KSCST	Government
8	UAV fire extinguisher	Mr. K. V Suresh	ME	2018-19	0.09 Lakhs	1 Year	KSCST	Government


 Principal
 PRINCIPAL
 Mva's Institute of Engg. & Technology,
 Mva. MOUDIBRI - 574 225, D.K

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri- 574 225, Mangalore, D K , Karnataka State

Phone : 08258-262724 (O), 262725(P), Telefax 08258-262726

A Unit of Alva's Education Foundation (R)

(Affiliated to Visvesvaraya Technological University, Belagavi, Approved by AICTE, New Delhi & Recognized by Government of Karnataka)
Email : principalaiet08@gmail.com

web : www.aiet.org.in

2019-20

2019-20								
1	A Feasibility Study on Constructed Wetlands for Treatment of Domestic Wastewater at AIET Campus	Dr. H Ajith Hebbar	CV	2019-20	0.05 Lakhs	6 Months	KSCST	Government
2	Assessment of Surface and Ground Water Quality in and around Gurupura, Mangalore (Taluk)	Mr. Ashish Shetty	CV	2019-20	0.05 Lakhs	6 Months	KSCST	Government
3	Crop Disease Prediction Using Ai And Deep Learning To Support Smart Farming	Dr. Manjunath Kotari	CSE	2019-20	0.04 Lakhs	1 Year	KSCST	Government
4	Food Wastage Reduction Mobile Application	Mr. Venkatesh / Mr. Vasudev S Shahapur	CSE	2019-20	0.04 Lakhs	1 Year	KSCST	Government

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

Shobhavana Campus, Mjar, Moodbidri- 574 225, Mangalore, D K , Karnataka State

Phone 08258-262724 (O), 262725(P), Telefax 08258-262726

A Unit of Alva's Education Foundation (R)

(Affiliated to Visvesvaraya Technological university, Belagavi, Approved by AICTE, New Delhi & Recognized by Government of Karnataka)

Email: principalaiet08@gmail.com

web: www.aiet.org.in

5	Design And Fabrication Of Ammonia Gas Sensor Using Electrospinning Method For The Industrial And Medical Application	Dr. Praveen J	ECE	2019-20	0.04 Lakhs	1 Year	KSCST	Government
6	Aqaponics System:IOT Based Innovative Plant Cultivation and Fish Feeding System	Ms. Vanyashree	ISE	2019-20	0.04 Lakhs	1 Year	KSCST	Government
7	Design and Fabrication of Solar Dryer with the Application of Forced Convection	Mr. K V Suresh	ME	2019-20	0.055 Lakhs	1 Year	KSCST	Government

8	Investigation on Dissolution Between Eutectic Lead Base /Leadfree Solder and Base Metals using hot dip Soldering Method For Electronic Application	Dr. Satyanarayan	ME	2019-20	0.05 Lakhs	1 Year	KSCST	Government
9	Design and Fabrication of a Formula Styled Kart	Dr. Peter Fernandes/ Mr. Kiran C H	ME	2019-20	0.5 Lakhs	1 Year	Shree Dhanalakshmi Cashews Exports Pvt Ltd	Non-Governemt


 Principal
 Vive's Institute of Engg. & Technology
 Hqar. MOODBIDRI - 574 225, D.K

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

Shobhavana Campus, Mjar, Moodbidri- 574 225, Mangalore, D K., Karnataka State

Phone 08258-262724 (O), 262725(P), Telefax 08258-262726

A Unit of Alva's Education Foundation (R)

(Affiliated to Vivesvaraya Technological university, Belagavi, Approved by AICTE, New Delhi & Recognized by Government of Karnataka)

Email principalaiet08@gmail.com

web www.aiet.org.in

2020-21

1	Air Pollution Tracking in Mangalore Using GIS and RS	Dr.H.G Umeshchandra	CV	2020-21	0.05 Lakhs	6 Months	KSCST	Government
2	Feasibility of Greywater Treatment with River Sand and Polypropylene Pal Rings as Filter Media	Ms. Kavyashree S	CV	2020-21	0.06 Lakhs	6 Months	KSCST	Government
3	Self Balancing Med Supply Bot During Floods	Mr. Santhosh S	ECE	2020-21	0.05 Lakhs	1 year	KSCST	Government
4	Patrol Fish to Collect and Check the contamination of a Water Body	Mr. Santhosh S	ECE	2020-21	0.05 Lakhs	1 year	KSCST	Government
5	Substitute for an Amputated Hand using Bionic Arm	Mrs. Nishma K	ECE	2020-21	0.065 Lakhs	1 year	KSCST	Government
6	Sign Language Detection Using Convolution Neural Network	Mr. Sharan L Pais	ISE	2020-21	0.04 Lakhs	1 Year	KSCST	Government

7	Detection Of Lack Of Nutrient In Coffee And Bannana Using Image Processing	Mr. Pradeep Nayak /Dr. Kiran B Malagi	ISE	2020-21	0.05 Lakhs	1 Year	KSCST	Government
8	Design And Fabrication Of Automated Seed Dryer	Mr. Deepak Kothari	ME	2020-21	0.07 Lakhs	1 year	KSCST	Government
9	Semi Automatic Multipurpose Parisheka Yantra	Mr.Kiran C H	ME	2020-21	0.07 Lakhs	1 year	KSCST	Government
10	Performance and Emission Characteristics of CRDI (Common Rail Direct Injection) Engine fuelled with Cardanol-Honge Bio-Diesel blend with Diesel Particulate filter at the exhaust.	Dr.Manoj Kumar A P	ME	2020-21	0.07 Lakhs	1 year	KSCST	Government


Principal
PRINCIPAL
Jyoti's Institute of Engg. & Technology,
Majur, MOUDSIDRI - 574 225, D.K