



**SIDDHARTH INSTITUTE OF
ENGINEERING & TECHNOLOGY, PUTTUR**
(AUTONOMOUS)

Date: 10/08/2020

APPROVAL OF SEED MONEY FOR THE AY: 2020-21

The following projects are approved and the seed money is sanctioned for the following faculty member.

S.No.	Dept.	Title of the Project	Name of the Faculty	Sanctioned Amount (Rs)
1	AGRI-CULTURAL ENGINEERING	Development and evaluation of solar power operated Boom sprayer	Dr. Shashikumar	38000
2		Development of manually operated paddy straw rake	Dr. Bogala Madhu	22000
3	ELECTRICAL & ELECTRONICS ENGINEERING	Design and implementation of automated irrigation system in agricultural using wireless sensor network	Dr. N.Ramesh Raju	35000
4		Current sensor fault diagnosis and tolerant control of VSI-Based induction motor drives.	Mr. P.Chandra Sekhar	30000
5		Implementation of solar PV battery and diesel generator based electric vehicle charging.	Dr. J. Gowri Sankar	35000
6		Minizing penalty in industrial power consumption by engaging apfc unit.	Ms. V.Manasa	35000
7		IOT based street lighting and traffic management system	Mr. P. Muni Sekhar	30000
8	CIVIL ENGINEERING	Self-curing concrete by using polyethylene Glycol-400	Prof C. Siva Kumar Prasad	35000
9		Experimental Investigation conventional concrete by partial replacement of Iron Dust in cement with addition of steel fibre	Mrs. K. Ashalatha	32000
10		Experimental Study on LWA concrete by partial replacement of cement with Egg Shell powder & Fine Aggregate with Saw dust	Ms. C. Sailaja	28000

Siddharth Nagar, Narayanavanam Road, Puttur,
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(ISO 9001 : 2008 Certified Institution)

(Approved by AICTE, New Delhi)

(Affiliated to JNTUA, Ananthapuramu)

(Accredited by NBA & NAAC with "A" Grade)

S.No.	Dept.	Title of the Project	Name of the Faculty	Sanctioned Amount (Rs)
11	ELEC- TRONICS & COMMUNI- CATION ENGINEER- ING	Development and evaluation of solar power operated weeder	Dr. Shashikumar	40000
12		AI Based Robot For Patient Monitoring	Mr.P.Pavan Kumar	10614
13		Arduino Based Automatic Washroom Sanitizing System For Effective Utilization Of Public Toilets	Dr.P.G.Gopinath	11406
14		Design & Implementation Of Covid 19 Emergency Ventilator System	Mr. C.VijayaBhaskar	15150
15		An Advanced Cafeteria System Using Robots	Dr.T.Senthil	13470
16		IOT Based Temperature And Mask Scanning Entry System	Mr.K.D.MohanaSundaram	15200
17		War Field Multipurpose Robot	Dr. P.Ratna Kamala	20720
18		Accident Monitoring System Using Drones	Mrs. P.Chandanakala	15570
19		IOT Based Organic Farming By Using Aquaponic Method	Dr. P.G.Gopinath	11970
20		Heart Attack Detection Using Iot	Mr. J.Rajanikanth	20720
21		Conveyer-Belt Based Pick And Sort Industrial Robotics Applications	Mr. B.RaviBabu	18420
22		Smart Wireless Water Meter Using IoT	Mr. PMJ Balaji	20165
23		Automatic Irrigation System Using IoT	Mr. J.Rajanikanth	19160
24		IoT Based Ventilator And Health Monitoring System	Mr. PMJ Balaji	21558
25		Machine Learning Based Surveillance System For Detection Of Bike Riders Without Wearing Helmets, Tripple Riders And Vehicle Over speed Detection	Ms. NiveditaBiswas	20300
26		Design And Implementation of Autonomous Healthcare Robot Using Machine Learning	Mr. P.Pavan Kumar	18250

S.No.	Dept.	Title of the Project	Name of the Faculty	Sanctioned Amount (Rs)
27	MECHANICAL ENGINEERING	Design and Fabrication of Adjustable Solar Agriculture Weeder	Mr. B.A.Devan	45000
28		Design and Fabrication of Multipurpose Portable E-Bike	Dr.K.Siva Kumar	45000
29		Experimental Investigation on Diesel Engine Powered by Lemon Grass Biofuel with Fuel Additive	Dr.C.Sreedhar	40000
30		Modelling and Fabrication of Polyamide 11 based fibula bone scaffolds using sls technique	Dr. S.Suresh	45000
31		Design and Fabrication of Glass Filled Nylon Based Bone Scaffolds using AM Techniques	Mr. K.Sai Prasad	50000
TOTAL				8,37,673

Copiesto:

1. The principal office
2. All HoDs
3. Dean – R&D
4. Account section

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**SIDDHARTH INSTITUTE OF
ENGINEERING & TECHNOLOGY, PUTTUR**
(AUTONOMOUS)

Date: 02/09/2019

APPROVAL OF SEED MONEY FOR THE AY: 2019-20

The following projects are approved and the seed money is sanctioned for the following faculty member.

S.No.	Dept.	Title of the Project	Name of the Faculty	Sanctioned Amount (Rs)
1	ELEC- TRONICS & COMMUNI- CATION ENGINEER- ING	Arduino Based Smart Bike Kit	Mr.A.Rajasekar Yadav	10356
2		Robot Cafe	Mr.K.D. MohanaSundaram	8280
3		Gesture Controlled Garbage Collector Robot	Mr. B.RaviBabu	15580
4		Smart irrigation and crop protection from wild animals using RASPBERRY PI	Ms.P.Chandanakala	14675
5		Intelligent car anti-theft system through face recognition using RASPBERRY PI and global positioning system	Mr.E.Kosalendra	15660
6		Smart crop protection system from animals and fire using ARDUINO	Mr.C.Prasad	11795
7		Animal welfare assessment and conservation of animals at zoo	Mr.R.P.V.G. Ashok Reddy	11235
8		Automatic pedestrains road crossing detection	Mr.Y.Murali	13335
9		MQTT based smart waste collection management using RASPBERRY PI	Mr.D. Muneendra	20530
10		Arduino Mega based PET Feeding Automation	Dr.P.G. Kuppuswamy	20220
11		Design and Implementation of Rectangular Microstrip Patch Antenna at 5GHz for Wireless N/W	Mr.J.Rajanikanth	15494
14	MCA	A Systematic Review on DAC Policy Based on Machine Learning For IOT	Mr. P. Karthikeyan	50000

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12	MBA	A Study on Technical Analysis of Select Pharmaceutical Companies Through Relative Strength in Shriram Insight Stock Brokers Ltd., Anantapur.	Dr.L. Kuldeepkumar	7000
13		Machine Learning and Artificial Intelligence in Marketing Applications During COVID-19 Pandemic	Dr.L. Kuldeepkumar	5000
15	ELECTRICAL & ELECTRONICS ENGINEERING	Closed loop control of DC motor by using DSPACE 1140	Mr. P.MuniSekhar	35000
16		Home automation using google voice assistance	Mrs. V.N.Saraswathi	35000
17		Temperature Controlled DC Fan using Microcontroller	Mr.S.L.Arun	30000
18		Arduino RC522 RFID Module based Access Control System	Mr. S.Munisekahr	25000
19		Smart Dustbin using Arduino, Ultrasonic Sensor & Servo Motor	Ms. V.Manasa	25000
20	MECHANICAL ENGINEERING	Fabrication of Electric-Powered Vehicle or Handicapped	Mr.B.Sreenivasulu	30000
21		Design And Fabrication of Automatic Grass Cutter by Using Solar Panel	Mr. J.Mani	35000
22		Fabrication Of Seed Ball Making Machine	Mr. K.Sudhakar	25000
23		Fabrication Of Vertical Axis Wind Turbine	Mr. V.Karthikeyan	25000
24		Design And Fabrication of Drivable Wheel Chair	Dr.C.Sreedhar	30000
25	CIVIL ENGINEERING	Design and Fabrication of Prototype Voice Controlled Drone	Mr. D. Krishanaih	18000
26		Study on Mechanical Properties of Concrete by using Rice Husk Ash and M-Sand	Mr. B. Rajasekhar Reddy	42000
27		Water Absorption Roads by Pervious Concrete	Mr. P. Naveen	30500
28		Experimental Study on Partial Replacement of Plastic Waste with Coarse Aggregate in Concrete	Mr. A. Mohan	32500
TOTAL				6,37,160

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Date: 12/07/2018

APPROVAL OF SEED MONEY FOR THE AY: 2018-19

The following projects are approved and the seed money is sanctioned for the following faculty member.

S.No.	Dept.	Title of the Project	Name of the Faculty	Sanctioned Amount (Rs)
1	ELECTRONICS & COMMUNICATION ENGINEERING	Smart Glasses For Blind People	Mr.Y.Murali	19820
2		Dual Axis Solar Tracking System	Mr. U. Sreenivasulu	20055
3		Smart Cradle	Dr. P .Ratna Kamala	20530
4		Multipurpose Agriculture Robot	Mrs.V.Latha	20055
5		Kitchen Automation	Ms. Chandanakala	14503
6		A Standalone Embedded System For Accident Prevention At Blind Turns	Mr. Muralikrishna	19582
7	ELECTRICAL & ELECTRONICS ENGINEERING	IOT on live health monitoring	Mrs. T.J. Deepthi	40000
8		Automatic solar tracking system by using ARDUINO	Mr. J. Yugandhar	25000
9		Automatic electricity meter reading via SMS through GSM module	Ms. V.Manasa	25000
10		Stepper Motor Control using 8051 Microcontroller	Mrs. R. Lakshimi	25000
11		PV Controlled Servo Motor using Arduino, HC-05 Bluetooth Module	Mr. K.Mani	20000
12		Water Level Controller using 8051 Microcontroller	Mr. P.Muni Sekahr	25000
13		Bluetooth Controlled Servo Motor using Arduino, HC-05 Bluetooth Module Arduino UNO	Mr. P.Chandra Sekhar	25000

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14	MECHANICAL ENGINEERING	Experimental Investigations on mechanical properties of plastic bricks	Dr. S. Sunil Kumar Reddy	18000
15		Design and Fabrication of manual seed sowing machine	Dr. C. Prabhu Rama Krishnan	17500
16		Design and fabrication of lifting house hold items to any multi storage building	Mr. B. Sreenivasulu	13000
17		Design & Manufacturing of multipurpose seed sowing machine	Mrs. A.Asha	30000
18		Fabrication of powder spraying machine in Seri culture	Mr. K. Sudhakar	20000
19		Fabrication of solar powered air bike	Mr. L.Shankar	35000
20		Automatic wall plastering machine	Dr. C. Prabhurama Krishnan	27000
21		Design & Fabrication of traditional Indian snack machine	Dr. C. Sreedhar	25000
22	CIVIL ENGINEERING	Study of Mechanical Properties of M25 concrete made with ceramic powder as partial replacement of Cement	Mrs. S. Pranavi	43000
23		A Study on Properties of Concrete by Replacing Natural Sand with M-Sand & Quarry Dust at Different Sizes of Coarse Aggregate	Dr. K. Chandrasekhar Reddy	35000
TOTAL				5,63,045

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**SIDDHARTH INSTITUTE OF
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Date: 11/08/2017

APPROVAL OF SEED MONEY FOR THE AY: 2017-18

The following projects are approved and the seed money is sanctioned for the following faculty member.

S.No.	Dept.	Title of the Project	Name of the Faculty	Sanctioned Amount (Rs)
1	COMPUTER SCIENCE & ENGINEERING	A Novel implementation of patient monitoring in Rural areas using IoT technology	Mr. D. Sainath	10869
2		Color based pattern lock system	Mr. B.Pavan Kumar	10869
3		Enhancing Indian E-commerce	Mr. K.V.S.K. Prakash	10869
4	ELECTRONICS & COMMUNICATION ENGINEERING	Smart Shopping Trolley	Mrs. S.B. Ranjani	8815
5		Smart Door Bell	Mrs. P.Ratna Kamala	11135
6		AI Home	Mr. P.Pavan Kumar	15329
7		Automatic Engine Locking System For Drunken And Drivers	Mr. D. Madhu	9592
8		Voice controlled HOME AUTOMATION	Mr. M. Janardhana Raju	20145
9		RFID based TOLL collection system using ARDUINO	Mr. G .Sasi	7790
10		Automated self-cleaning SOLAR PANEL	Mr. M. Janardhana Raju	12060
11		Raspberry Pi reader for BLIND	M.Niraja	11185
12		Fingerprint based electronic Voting machine	Mrs. Sai Kusma	6335
13	ELECTRICAL & ELECTRONICS ENGINEERING	Automatic power factor correction and alert using GSM module	Mrs. C.R. Hemavathi	20000
14		Transformer health monitoring system using IOT& GSM	Mr. N.RameshRaju	20000
15		Home automation using internet of things	Dr. K. Karunanidhi	23000
16		Iot Based Solar Hybrid Inverter With Voltage Monitoring	Mr. M. Subramanyam	20000
17		Comparative study of P&O and incremental conductance MPPT method for photo voltaic system	Mr. J. Yugandhar	20000

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18		Transient stability improvement of multi-machine power system using Fuzzy controlled TCSC	Mr. S. Muni Sekhar	25000
19		Speed Control of DC Motor Using Pulse Width Modulation	Mr. K .Mani	22000
20	MECHANICAL ENGINEERING	Investigation on bio-composite material in bone setting	Mr. B. Anandan	20000
21		Production and testing of plastic oils in DI Diesel engine	Dr. S. Sunil Kumar Reddy	22000
22		Fabrication of Solar power operated pesticide sprayer	Dr. C. Prabhu Rama Krishnan	18000
23		Investigation on performance analysis of solar water heater with copper and aluminium chips as porous medium	Mr. A.T. Praveen Kumar	22500
24		Design and fabrication of soil tiller	Mr. P. Kesavulu	29000
25		Fabrication of eddy current braking system	Dr. D. Subramanyam	20000
26		CIVIL ENGINEERING	Study of Strength Characteristics of Self Curing Concrete using SAP	Prof C. Sivakumar Prasad
27	Stabilization of Expansive Soils by using Plastic Powder		Dr. G. Prabhakaran	35000
28	Mechanical Behaviour of Concrete made with GGBS and Quarry Dust		Dr. K. Chandrasekhar Reddy	40000
TOTAL				5,26,493

K. Reddy

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**SIDDHARTH INSTITUTE OF
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Date: 21/07/2016

APPROVAL OF SEED MONEY FOR THE AY: 2016-17

The following projects are approved and the seed money is sanctioned for the following faculty member.

S.No.	Dept.	Title of the Project	Name of the Faculty	Sanctioned Amount (Rs)
1	COMPUTER SCIENCE & ENGINEERING	Smart Health Tracking System	Mr. G. Prasad Babu	10869
2		Home Services	Mr. B. Pavan Kumar	10869
3	ELECTRONICS & COMMUNICATION ENGINEERING	Artificial Movable Railway Platform	Mrs. P. Vijaya	8550
4		Smart Home	Mr. P. Pavan Kumar	10773
5		IOT Based Under Ground Garbage Management System	Mrs. M.Kalpana	8340
6		Calibration of the beam pointing Accuracy of an Antenna Array Using the Celestial Radio Source	Mr. Afsar Ali	10300
7		Design and Implementation of Wireless notice board using WI-Fi	Mr. D.Madhu	10650
8		IOT Based LPG Level and leakage detection system	Mr. M. Janardhana Raju	11503
9		Design of biosensor array with current boost and signal conditioning circuits for HPV detection	Mr. J.Rajanikanth	12421
10		Electronic Walking Stick	Mrs.N.Revathi	10796
11		Solar powered smart irrigation system using GSM module	Mrs. T. Jasvin Baby	12231
12		IOT based digital notice board	Mrs.M.Niraja	14894
13	ELECTRICAL & ELECTRONICS ENGINEERING	Alive Human and Bomb detecting Robot	Mr. P.ChandraSekhar	20000
14		Prepared energy meter using GSM and ARDUINO	Mr. J. Yugandhar	20000
15		Reconfigurable solar converter :A single stage power conversion PV-battery system	Ms. B.Rajani	20000
16		PSO tuned PID controller based shunt active filter for harmonic reduction	Mr. N. Ramesh Raju	20000

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17		High voltage boosting converters based on bootstrap capacitors and boost inductors	Mr. G. Seshadri	20000
18	MCA	Automatic Comparing of Different Web-Applications for Finding Feasible Solution of the Product	Mr. P. Karthikeyan	50000
19	MECHANICAL ENGINEERING	Design and Fabrication of Groundnut Separating Machine	Mr. K.Sudhakar	25,000
20		Pesticide Spraying using Quad Copter	Mr. P.Kesavulu	20000
21		Design and fabrication of cricket ball net practicing machine	Mr. V.Chaitanyavinay	30000
22		Fabrication of seed sowing machine	Mr.K.Hemamahesh	25000
23		Fabrication and testing of atmospheric water generation system	Dr. C. Sreedhar	43000
24		Design & fabrication of trash collecting machine	Dr. C. Sreedhar	37000
25		Fabrication of solar powered ground nut decorticator	Dr. S. Sunilkumar Reddy	20000
26	CIVIL ENGINEERING	Strength properties of concrete by the influence of Fly Ash and Nano silica as a partial replacement of cement	Dr. S. Siddiraju	66000
27		Comparsion of Strength Properties of Expansive Soils blended with Lime	Mr. R. Rajesh Kumar	40000
TOTAL				5,88,196

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