



COIMBATORE INSTITUTE OF TECHNOLOGY

(Government Aided Autonomous Institution)
(Affiliated to Anna University, Chennai & Approved by AICTE, New Delhi) Established in
1956, A Unit of V.Rangasamy Naidu Educational Trust **CIVIL AERODROME POST,**
COIMBATORE-641 014, TAMILNADU, INDIA

Criterion III – Research Innovation and Extension

Key Indicator - 3.1 Promotion of Research and Facilities

3.1.2 The institution provides seed money to its teachers for research

3.1.2.1 Amount of seed money provided by institution to its teachers for research year wise during last five years (INR in lakhs)

Contents

- Sanction letters of seed money



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CIVIL AERODROME POST, COIMBATORE - 641 014, TAMILNADU, INDIA

CORRESPONDENT

PRINCIPAL

Thiru S. RAJIV RANGASAMI M.Sc., MBA (USA)

Dr. A. RAJESWARI M.E., Ph.D.,

07.08.2023

To

Dr.A.Saravanan
Associate Professor
Department of Computing - Software Systems
Coimbatore Institute of Technology.

With reference to your research proposal entitled "Real Time Exam Supervision System using Deep Learning Techniques" the Management of our Institution is happy to sanction an amount of Rs. 1,20,000/- (Rupees One Lakh Twenty Thousand only). The details of the items to be procured as per your proposal are given below and the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors and should be carried out as per norms.

Item	Cost (INR)
HIKVISION8/10 channel, DVR Camera, Electronic components, Facial recognition software, Server with low cost GPU.	1,20,000
Total	1,20,000

For Information:

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2. The duration of the project is one year from 10th August 2023 to 9th August 2024.
3. The following document should be submitted within two months of the completion of the project:
 - a. Utilization certificate as per enclosed format.
 - b. Report with deliverables.
 - c. At least one Published / Accepted copy of the research paper as outcome of your research project.

S. Rajiv
CORRESPONDENT



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CORRESPONDENT

Thiru S. RAJIV RANGASAMI M.Sc., MBA (USA)

PRINCIPAL

Dr. A. RAJESWARI M.E., Ph.D.,

07.08.2023

To

Dr.D.Sudha Devi, Associate Professor
Dr.M.Sujithra, Assistant Professor
Dr.P.Velvadivu, Assistant Professor
Department of Computing – Data Science
Coimbatore Institute of Technology.

With reference to your research proposal entitled "Federated Learning for Effective Mental Stress Management of Working Women in the Educational Institutions" the Management of our Institution is happy to sanction an amount of Rs.1,20,000/- (Rupees One Lakh Twenty Thousand only). The details of the items to be procured as per your proposal are given below and the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors and should be carried out as per norms.

Item	Cost (INR)
Wearable Device(Sensors), Cloud storage – Real time data handling and security, Electronic components	1,20,000
Total	1,20,000 ✓

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PRINCIPAL

Dr. A. RAJESWARI M.E., Ph.D.,

07.08.2023

To

Dr.P.Aruna, Assistant Professor
Dr.N.Priya, Assistant Professor
Department of Computing – Software Systems
Coimbatore Institute of Technology.

With reference to your research proposal entitled "Predicting Academic Success of a Student in Educational Institution" the Management of our Institution is happy to sanction an amount of Rs. 1,20,000/- (Rupees One Lakh Twenty Thousand only). The details of the items to be procured as per your proposal are given below and the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors and should be carried out as per norms.

Item	Cost (INR)
Amazon Cloud Service (S3 Bucket, Amazon sage maker, EC2), WDBMUT004OJWT-BESN 4TB Personal cloud, WiFi Modem.	1,20,000
Total	1,20,000

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PRINCIPAL

Dr. A. RAJESWARI M.E., Ph.D.,

07.08.2023

To

Dr.D.Kavitha

Assistant Professor

Department of Computing – Artificial Intelligence and Machine Learning
Coimbatore Institute of Technology.

With reference to your research proposal entitled "Finger-tip Haptics for Braille and Tactile Feature Generation Using Electropneumatic Interface as a Wearable Device for Visually Impaired Students" the Management of our Institution is happy to sanction an amount of Rs. 1,50,000/- (Rupees One Lakh Fifty Thousand only). The details of the items to be procured as per your proposal are given below and the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors and should be carried out as per norms.

Item	Cost (INR)
3D Printer, Soldering station, Solidedge 3D modelling software, Dremel Rotary toolkit, Arduino boards.	1,50,000
Total	1,50,000

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Dr. A. RAJESWARI M.E., Ph.D.,

07.08.2023

To

Dr.A.G.Sudha, Associate Professor
Dr.S.Thilaga, Assistant Professor
Dr.J.Deepa, Assistant Professor
Department of Management Studies
Coimbatore Institute of Technology.

With reference to your research proposal entitled "Learning and Development: A Blended Learning Through gamification - A Tool to Improve Sustainable Branding" the Management of our Institution is happy to sanction an amount of Rs. 50,000/- (Rupees Fifty Thousand only). The details of the items to be procured as per your proposal are given below and the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors and should be carried out as per norms.

Item	Cost (INR)
Software, Physical games requirement	50,000
Total	50,000 ✓

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07.08.2023

To

Dr.K.V.Hemalatha
Assistant Professor
Department of Chemistry
Coimbatore Institute of Technology.

With reference to your research proposal entitled "Utilisation of Waste-derived Activated Carbon as Electrode Material for Supercapacitor Applications" the Management of our Institution is happy to sanction an amount of Rs. 75,000/- (Rupees Seventy Five Thousand only). The details of the items to be procured as per your proposal are given below and the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors and should be carried out as per norms.

Item	Cost (INR)
Ultra sound probe sonicator	75000
Total	75000 ✓

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PRINCIPAL

Dr. A. RAJESWARI M.E., Ph.D.,

07.08.2023

To

Dr.B.Gayathri
Assistant Professor
Department of Chemistry
Coimbatore Institute of Technology.

With reference to your research proposal entitled "Development of Nanohydroxyapatite from Edible Waste for Potential Biomedical Application" the Management of our Institution is happy to sanction an amount of Rs. 1,50,000/- (Rupees One Lakh Fifty Thousand only). The details of the items to be procured as per your proposal are given below and the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors and should be carried out as per norms.

Item	Cost (INR)
Rotary Evaporator, Chemicals	1,50,000
Total	1,50,000 /

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Dr. A. RAJESWARI M.E., Ph.D.,

07.08.2023

To

Dr.B.Uma Maheswari
Assistant Professor
Department of Chemical Engineering
Coimbatore Institute of Technology.

With reference to your research proposal entitled "Bioinspired Superhydrophobic Mesoporous Hybrid Aerogels/Membranes by Coordination of Biochar for Effective Oil Adsorption and Nano-emulsion Separation" the Management of our Institution is happy to sanction an amount of Rs. 75,000/- (Rupees Seventy Five Thousand only). The details of the items to be procured as per your proposal are given below and the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors and should be carried out as per norms.

Item	Cost (INR)
Glass wares, Chemicals	75,000
Total	75,000

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07.08.2023

To

Dr.R.Azarudeen
Assistant Professor
Department of Chemical Engineering
Coimbatore Institute of Technology.

With reference to your research proposal entitled "Fabrication of Gold Nanoparticles Incorporated Nanofiber Scaffolds: A Promising Regenerative Approach for Bone Tissue Engineering Applications" the Management of our Institution is happy to sanction an amount of Rs. 1,00,000/- (Rupees One Lakh only). The details of the items to be procured as per your proposal are given below and the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors and should be carried out as per norms.

Item	Cost (INR)
Universal Testing Machine	1,00,000
Total	1,00,000

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Dr. A. RAJESWARI M.E., Ph.D.,

07.08.2023

To

Dr.M.Sangeetha
Associate Professor
Department of Information Technology
Coimbatore Institute of Technology.

With reference to your research proposal entitled "AD-SP Device for Visually Impaired" seeking seed money, the Management of our Institution is happy to sanction an amount of Rs. 1,00,000/- (Rupees One lakh only). The details of the items to be procured as per your proposal are given below and the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors and should be carried out as per norms.

Item	Cost (INR)
ESP32 Server, ESP32 Node MCU, SYN6288 Speech synthesis module, TCS3200 Color sensor module, ARDUINO UNO IDUINO Super starter kit, Multifunctional 4WD Robot -UNOR3, Folding blind walking stick	1,00,000
Total	1,00,000

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Dr. A. RAJESWARI M.E., Ph.D.,

07.08.2023

To

Dr.T.Balakumaran, Assistant Professor
Ms.T.Yathavai, Assistant Professor
Ms. M.Abitha Thangam, Assistant Professor
Department of Electronics and Communication Engineering
Coimbatore Institute of Technology.

With reference to your research proposal entitled "Analysis and Reduction of Electromagnetic Radiation from Wi-Fi routers/5G Smart Phones" seeking seed money, the Management of our Institution is happy to sanction an amount of Rs. 34,000/- (Rupees Thirty Four Thousand only). The details of the items to be procured as per your proposal are given below and the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors and should be carried out as per norms.

Item	Cost (INR)
FR4 Substrate, Antenna fabrication, 64 GB RAM, EM Radiation tester, Graphene sheet	34,000
Total	34,000

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Thiru S. RAJIV RANGASAMI M.Sc., MBA (USA)

PRINCIPAL

Dr. A. RAJESWARI M.E., Ph.D.,

07.08.2023

To

Dr.I.S.Akila, Associate Professor
Ms.D.Diana Josephine, Assistant Professor
Department of Electronics and Communication Engineering
Coimbatore Institute of Technology.

With reference to your research proposal entitled "Design and Testing of RF Class F Power Amplifier with Optimal Power Added Efficiency and Gain for eMBB applications in 5G" seeking seed money, the Management of our Institution is happy to sanction an amount of Rs.90,000/- (Rupees Ninety Thousand only). The details of the items to be procured as per your proposal are given below and the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors and should be carried out as per norms.

Item	Cost (INR)
RF Antenna Design Machine Package -Machine with controller, PCB cabinet with hand held remote, copper clads, endoscope camera, silver oxide gel, DE soldering station	90,000
Total	90,000

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Dr. A. RAJESWARI M.E., Ph.D.,

07.08.2023

To

Dr.R.Rajalakshmi
Assistant Professor
Department of Electrical and Electronics Engineering
Coimbatore Institute of Technology.

With reference to your research proposal entitled "Drone with Robotic Arm for the Maintenance of Wind Blades in Wind Turbines" seeking seed money, the Management of our Institution is happy to sanction an amount of Rs.80,000/- (Rupees Eighty Thousand only). The details of the items to be procured as per your proposal are given below and the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors and should be carried out as per norms.

Item	Cost (INR)
220KV BLDC motor, Electronic speed controller, Pix Hawk kit, RaspberryP1, PI Camera, Servo motors, laser cut parts, Battery	80,000
Total	80,000 /

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PRINCIPAL

Dr. A. RAJESWARI M.E., Ph.D.,

07.08.2023

To

Dr.J.Devishree, Professor
Ms.A.Priyadharshini, Assistant Professor
Department of Electrical and Electronics Engineering
Coimbatore Institute of Technology.

With reference to your research proposal entitled "Design and Development of Improved Power Quality Convertors" seeking seed money, the Management of our Institution is happy to sanction an amount of Rs.1,00,000/- (Rupees One Lakh only). The details of the items to be procured as per your proposal are given below and the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors and should be carried out as per norms.

Item	Cost (INR)
ZedBoard(Zynq 7000), Fluke Amprobe Ler55a, Fluke 179 Digital Multimeter, MOSFET, IGBT.	1,00,000
Total	1,00,000

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Thiru S. RAJIV RANGASAMI M.Sc., MBA (USA)

Dr. A. RAJESWARI M.E., Ph.D.,

07.08.2023

To

Mr.M.Karthikeyan
Assistant Professor
Department of Mechanical Engineering
Coimbatore Institute of Technology.

With reference to your research proposal entitled "Feasibility of Inconel-Aluminium Dissimilar Welding by Modified MIG and Friction Stir Welding Processes" seeking seed money, the Management of our Institution is happy to sanction an amount of Rs.1,00,000/- (Rupees One Lakh only). The details of the items to be procured as per your proposal are given below and the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors and should be carried out as per norms.

S. No.	Item	Cost (INR)
1	Temperature sensor 800° C(non-contact type)	25000
2	Aluminium alloyAA6061 T6, Inconel 718, Er4043 MIG Welding wire, Tungsten carbide (FSW tool), FSW tool holder, Alumina powder, Cold setting powder	75000
	Total	1,00,000

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PRINCIPAL

Dr. A. RAJESWARI M.E., Ph.D.,

07.08.2023

To

Dr.C.Balaji Ayyanar
Assistant Professor
Department of Mechanical Engineering
Coimbatore Institute of Technology.

With reference to your research proposal entitled "Characterization and Evaluation of In-vitro Wound Healing of the Plant Extracts Loaded Biomembrane" seeking seed money, the Management of our Institution is happy to sanction an amount of Rs.1,00,000/- (Rupees One Lakh only). The details of the items to be procured as per your proposal are given below and the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors and should be carried out as per norms.

Item	Cost (INR)
Magnetic Stirrer, Polymers, In-vivo wound healing, In-vitro wound healing assay scratch	1,00,000
Total	1,00,000 ✓

For Information:

1. Kindly follow the State Government norms (i.e. three quotations for the purchase of items having a cost of more than Rs.5000/-).
2. The duration of the project is one year from 10th August 2023 to 9th August 2024.
3. The following document should be submitted within two months of the completion of the project:
 - a. Utilization certificate as per enclosed format.
 - b. Report with deliverables.
 - c. At least one Published / Accepted copy of the research paper as outcome of your research project.

S. Rajiv
CORRESPONDENT



COIMBATORE INSTITUTE OF TECHNOLOGY

(Government Aided Autonomous Institution)

(Affiliated to Anna University, Chennai & Approved by AICTE, New Delhi)

Established in 1956, A unit of V. Rangasamy Naidu Educational Trust

CIVIL AERODROME POST, COIMBATORE - 641 014, TAMILNADU, INDIA

CORRESPONDENT

PRINCIPAL

Thiru S. RAJIV RANGASAMI M.Sc., MBA (USA)

Dr. A. RAJESWARI M.E., Ph.D.,

07.08.2023

To

- Dr.M.P.Muthuraj, Associate Professor, Department of Civil Engineering
Dr.S.Brindha, Assistant Professor, Department of Civil Engineering
Dr.K.Nithyapriya, Assistant Professor, Department of Civil Engineering
Dr.K.V.Hemalatha, Assistant Professor, Department of Chemistry
Mr.D.Arul, Assistant Professor, Department of Civil Engineering
Mrs.M.Hannah Angelin, Assistant Professor, Department of Civil Engineering
Coimbatore Institute of Technology.

With reference to your research proposal entitled "A Pilot Study on Non - Shrinkable Chemical Grouting Material for Fractured Structure" seeking seed money, the Management of our Institution is happy to sanction an amount of Rs.1,00,000/- (Rupees One Lakh only). The details of the items to be procured as per your proposal are given below and the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors and should be carried out as per norms.

S. No.	Item	Cost (INR)
1.	Climate Chamber/ Freezing and Thawing Chamber	80,000
2.	Electric Epoxy Grouting Pump	20,000
	Total	1,00,000 ✓

For Information:

1. Kindly follow the State Government norms (i.e. three quotations for the purchase of items having a cost of more than Rs.5000/-).
2. The duration of the project is one year from 10th August 2023 to 9th August 2024.
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CORRESPONDENT

Thiru S. RAJIV RANGASAMI M.Sc., MBA (USA)

PRINCIPAL

Dr. A. RAJESWARI M.E., Ph.D.,

07.08.2023

To

Dr. V.G.Kalpana
Assistant Professor
Department of Civil Engineering
Coimbatore Institute of Technology

With reference to your research proposal entitled "Influence of Geopolymer Ash Fine Aggregate as a River Sand Replacement Material on the Mechanical and Durability Properties of Cement Mortar and Concrete" seeking seed money, the Management of our Institution is happy to sanction an amount of Rs.1,50,000/- (Rupees One Lakh Fifty Thousand only). The details of the items to be procured as per your proposal are given below and the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors and should be carried out as per norms.

Item	Cost (INR)
Pan mixture machine ; 50kg capacity and Gyroscreen machine with 4.75 mm and 2.36 mm Sieves	1,50,000
Total	1,50,000

For Information:

1. Kindly follow the State Government norms (i.e. three quotations for the purchase of items having a cost of more than Rs.5000/-).
2. The duration of the project is one year from 10th August 2023 to 9th August 2024.
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S. Rajiv
CORRESPONDENT

COIMBATORE INSTITUTE OF TECHNOLOGY

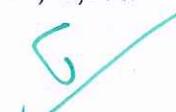
(Government Aided Autonomous Institution)

SANCTIONED SEED MONEY PROPOSALS

S. No.	Name and Designation	Title of the Proposal	Sanctioned Amount (Rs.)
1.	Dr.R.Saraswathi Professor	The Treatment with Optimization of Printing Process Generated Waste Water from a Newly Developed Sono - assisted Electrochemical Reactor.	1,00000/-
2.	Mr.K.Karthik Assistant Professor	Experimental Investigation of Dissimilar Metal Weld Joints using GTAW Process	1,00000/-
3.	Dr.S.Geetha Associate Professor	Object Detection and Tracking using Error Tolerant Hardware.	1,00000/-
4.	Dr.B.Premalatha Assistant Professor Ms.Cynthia Joseph Assistant Professor	Compressive Sensing Based Real Time Multimodal Emotion Recognition System	1,00000/-
5.	Dr.M.Mohanapriya Associate Professor	Smart Chair for Correct Sitting Posture using IOT	1,00000/-
6.	Dr.E.Arul Assistant Professor	DIGI Security for ICT Enabled System	1,00000/-
7.	Dr.P.Sivakumar Assistant Professor	Recovery of Precious Metals from Electronic Waste by a Porous Porphyrin Polymer.	1,00000/-
8.	Dr..B.Uma Maheswari Assistant Professor	Green Synthesis of Hybrid Core Shell ZnO Nanocomposite using Waste Aquatic Weeds as a Bioreductant for Phot Degradation of Organic Waste Pollutant and Antibacterial Performance in Waste Water Treatment.	75000/-
9.	Dr.P.Balraju Assistant Professor	Investigation of Coconut Shell Based Activated Carbon for Water Purification.	50000/-
10.	Dr.P.Rupa Assistant Professor	Heavy Metal Assessment in Soil and Plants by Early Response of Plants in Abatement of Coimbatore City Air Pollution around Singanallur Lake for Green Belt Development.	50000/-
11.	Dr.R.Mahehsvari Assistant Professor	Prevalence of Risk, Treatment Seeking Behaviour and Cost Incurred for Gynaecological Cancer Patients in Coimbatore District Tamilnadu	75000/-
12.	Mr.C.Stanly Felix Assistant Professor	Design and Development of IoT Based Energy Efficient Economically Viable Chicken Egg Incubator Model and its Performance Analysis	1,00000/-

31-3-2021

TOTAL Rs. 10,50,000/-


PRINCIPAL

31-3-2021



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CORRESPONDENT

Dr. S.R.K. PRASAD D.Sc.,(USA)

PRINCIPAL

Dr. V. SELLADURAI M.E., Ph.D.,

FIE, FIIE, FIPE, FORSI, LM(ISSE)

31.03.2021

To

Dr. R. Saraswathi

Professor

Department of Civil Engineering

Coimbatore Institute of Technology.

With reference to your research proposal entitled "The Treatment with Optimization of Printing Process Generated Waste Water from a Newly Developed Sono - assisted Electrochemical Reactor" submitted towards seed money, the Management of our Institution is happy to sanction an amount of Rs.1,00,000/- (Rupees One Lakh only). The details of the items to be procured are given below and for the purchase of the equipment the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors.

S.No.	Item	Cost (INR)
1.	Photometer	58,000
2.	Ultrasonic water bath	30,000
3.	ORP Meter	12,000
Total		1,00,000

For Information:

1. Kindly follow the State Government norms (i.e. three quotations for the purchase of items having a cost of more than Rs.5000/-).
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Dr. V. SELLADURAI M.E., Ph.D.,

FIE, FIIIE, FIPE, FORSI, LM(ISSE)

31.03.2021

To

Mr. K. Karthik

Assistant Professor

Department of Mechanical Engineering

Coimbatore Institute of Technology.

With reference to your research proposal entitled "Experimental Investigation of Dissimilar Metal Weld Joints using GTAW Process" submitted towards seed money, the Management of our Institution is happy to sanction an amount of Rs.1,00,000/- (Rupees One Lakh only). The details of the items to be procured are given below and for the purchase of the equipment the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors.

S.No.	Item	Cost (INR)
1.	Material Cost	55,000
2.	Machining Cost	20,000
3.	Filler Rod	5,000
4.	Testing Charges	20,000
Total		1,00,000

For Information:

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PRINCIPAL

Dr. V. SELLADURAI M.E., Ph.D.,

FIE, FIIE, FIPE, FORSI, LM(ISSE)

31.03.2021

To

Dr. S. Geetha

Associate Professor

Department of Electrical and Electronics Engineering

Coimbatore Institute of Technology.

With reference to your research proposal entitled "Object Detection and Tracking using Error Tolerant Hardware" submitted towards seed money, the Management of our Institution is happy to sanction an amount of Rs.1,00,000/- (Rupees One Lakh only). The details of the items to be procured are given below and for the purchase of the equipment the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors.

S.No.	Item	Cost (INR)
1.	FMC HDMI CAM board	40,000
2.	Python 1300C on a Semiconductor camera	60,000
Total		1,00,000

For Information:

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PRINCIPAL

Dr. V. SELLADURAI M.E., Ph.D.,

FIE, FIIE, FIPE, FORSI, LM(ISSE)

31.03.2021

To

Dr. B. Premalatha

Assistant Professor

Ms.Cynthia Joseph

Assistant Professor

Department of Electronics and Communication Engineering

Coimbatore Institute of Technology.

With reference to your research proposal entitled "Compressive Sensing Based Real Time Multimodal Emotion Recognition System" submitted towards seed money, the Management of our Institution is happy to sanction an amount of Rs.1,00,000/- (Rupees One Lakh only). The details of the items to be procured are given below and for the purchase of the equipment the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors.

S.No.	Item	Cost (INR)
1.	ECG, EMG, EEG Sensors	1,00,000
	Total	1,00,000

For Information:

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Dr. V. SELLADURAI M.E., Ph.D.,

FIE, FIIE, FIPE, FORSI, LM(ISSE)

31.03.2021

To

Dr. M. Mohanapriya

Associate Professor

Department of Computer Science and Engineering

Coimbatore Institute of Technology.

With reference to your research proposal entitled "Smart Chair for Correct Sitting Posture using IOT" submitted towards seed money, the Management of our Institution is happy to sanction an amount of Rs.1,00,000/- (Rupees One Lakh only). The details of the items to be procured are given below and for the purchase of the equipment the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors.

S.No.	Item	Cost (INR)
1.	Raspberry kit	8,000
2.	Sensors	22,000
3.	Desk Chairs	17,000
4.	Operational cost(Custom designing of sensors with kit)	33,000
5.	Batteries Wires etc.	20,000
Total		1,00,000

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Dr. V. SELLADURAI M.E., Ph.D.,

FIE, FIIE, FIPE, FORSI, LM(ISSE)

31.03.2021

To

Dr. E. Arul

Assistant Professor

Department of Information Technology

Coimbatore Institute of Technology.

With reference to your research proposal entitled "DIGI Security for ICT Enabled System" submitted towards seed money, the Management of our Institution is happy to sanction an amount of Rs.1,00,000/- (Rupees One Lakh only). The details of the items to be procured are given below and for the purchase of the equipment the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors.

S.No.	Item	Cost (INR)
1.	Dell Power Edge T440 Server	70,000
2.	Server HPDL385 C6 and Accessories	30,000
Total		1,00,000

For Information:

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PRINCIPAL

Dr. V. SELLADURAI M.E., Ph.D.,

FIE, FIIIE, FIPE, FORSI, LM(ISSE)

31.03.2021

To

Dr. P. Sivakumar

Assistant Professor

Department of Chemical Engineering

Coimbatore Institute of Technology.

With reference to your research proposal entitled "Recovery of Precious Metals from Electronic Waste by a Porous Porphyrin Polymer" submitted towards seed money, the Management of our Institution is happy to sanction an amount of Rs.1,00,000/- (Rupees One Lakh only). The details of the items to be procured are given below and for the purchase of the equipment the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors.

S.No.	Item	Cost (INR)
1.	Consumables - glass ware, Nitrogen cylinder and Chemicals	70,000
2.	Cost for sample analysis	30,000
	Total	1,00,000

For Information:

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6
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PRINCIPAL

Dr. V. SELLADURAI M.E., Ph.D.,

FIE, FIIE, FIPE, FORSI, LM(ISSE)

31.03.2021

To

Dr. B. Uma Maheswari
Assistant Professor
Department of Chemical Engineering
Coimbatore Institute of Technology.

With reference to your research proposal entitled "Green Synthesis of Hybrid Core Shell ZnO Nanocomposite using Waste Aquatic Weeds as a Bio reductant for Phot Degradation of Organic Waste Pollutant and Antibacterial Performance in Waste Water Treatment" submitted towards seed money, the Management of our Institution is happy to sanction an amount of Rs.75,000/- (Rupees Seventy-Five Thousand only). The details of the items to be procured are given below and for the purchase of the equipment the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors.

S.No.	Item	Cost (INR)
1.	Magnetic stirrer with Hot Plate, Soxhlet apparatus and Centrifuge	50,000
2.	Glass ware and Consumables	25,000
	Total	75,000

For Information:

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Dr. S.R.K. PRASAD D.Sc.,(USA)

PRINCIPAL

Dr. V. SELLADURAI M.E., Ph.D.,

FIE, FIIE, FIPE, FORSI, LM(ISSE)

31.03.2021

To

Dr. P. Balraju

Assistant Professor

Department of Physics

Coimbatore Institute of Technology.

With reference to your research proposal entitled "Investigation of Coconut Shell Based Activated Carbon for Water Purification" submitted towards seed money, the Management of our Institution is happy to sanction an amount of Rs.50,000/- (Rupees Fifty Thousand only). The details of the items to be procured are given below and for the purchase of the equipment the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors.

S.No.	Item	Cost (INR)
1.	Glass wares, Chemicals and Consumables.	50,000
	Total	50,000

For Information:

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PRINCIPAL

Dr. V. SELLADURAI M.E., Ph.D.,

FIE, FIIIE, FIPE, FORSI, LM(ISSE)

31.03.2021

To

Dr. P. Rupa

Assistant Professor

Department of Chemistry

Coimbatore Institute of Technology.

With reference to your research proposal entitled "Heavy Metal Assessment in Soil and Plants by Early Response of Plants in Abatement of Coimbatore City Air Pollution around Singanallur Lake for Green Belt Development" submitted towards seed money, the Management of our Institution is happy to sanction an amount of Rs.50,000/- (Rupees Fifty Thousand only). The details of the items to be procured are given below and for the purchase of the equipment the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors.

S.No.	Item	Cost (INR)
1.	Glass wares, Chemicals and Consumables.	50,000
	Total	50,000

For Information:

1. Kindly follow the State Government norms (i.e. three quotations for the purchase of items having a cost of more than Rs.5000/-).
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PRINCIPAL

Dr. V. SELLADURAI M.E., Ph.D.,

FIE, FII, FIPE, FORSI, LM(ISSE)

31.03.2021

To

Dr. R. Maheshvari
Assistant Professor
Department of Humanities
Coimbatore Institute of Technology.

With reference to your research proposal entitled "Prevalence of Risk, Treatment Seeking Behaviour and Cost Incurred for Gynaecological Cancer Patients in Coimbatore District, Tamilnadu" submitted towards seed money, the Management of our Institution is happy to sanction an amount of Rs.75,000/- (Rupees Seventy-Five Thousand only). The details of the items to be procured are given below and for the purchase of the equipment the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors.

S.No.	Item	Cost (INR)
1.	Source material and Field Work (Questionnaire etc.)	40,000
2.	Software	20,000
3.	Data Processing and Modelling	15,000
	Total	75,000

For Information:

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PRINCIPAL

Dr. V. SELLADURAI M.E., Ph.D.,

FIE, FIIE, FIPE, FORSI, LM(ISSE)

31.03.2021

To

Dr. C. Stanly Felix
Assistant Professor
Department of Computing
Coimbatore Institute of Technology.

With reference to your research proposal entitled "Design and Development of IoT Based Energy Efficient Economically Viable Chicken Egg Incubator Model and its Performance Analysis" submitted towards seed money, the Management of our Institution is happy to sanction an amount of Rs.1,00,000/- (Rupees One Lakh only). The details of the items to be procured are given below and for the purchase of the equipment the procurement process should be initiated after receiving at least a minimum of three quotations from the vendors.

S.No.	Item	Cost (INR)
1.	Sensors, Target board and Mechanical setup	50,000
2.	Thermal image camera	50,000
	Total	1,00,000

For Information:

1. Kindly follow the State Government norms (i.e. three quotations for the purchase of items having a cost of more than Rs.5000/-).
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TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (PHASE - III)

(Sub Component - 1.3 - Twinning Arrangements)

NPIU

National Project Implementation Unit

Correspondent
Dr.S.R.K.Prasad
D.Sc.,(USA)

Principal
Dr.V.Selladurai M.E.,Ph.D.,
FIE, FIIIE, Sr.M (ORSI), LM(SSl)

Dr.V.Manikandan
TEQIP Coordinator

Proc. No. CIT/TEQIP-III/Start-up/2020/No.09

Dt: 07.12.2020

Sub: Approval of startup proposal for financial assistance under TEQIP-III - reg

Ref: (i) TEQIP-III - Permissible and Non-permissible Expenditure

Clause 2.1 - Improve student learning (b) Seed money for start-up

(ii) CIT/TEQIP-III/Start-up/2020/No.01 Dt: 03.11.2020

(iii) Start-up proposals Evaluation Committee Meeting Dt: 04th Dec, 2020

I am very glad to inform you that, the following Start-up proposal has been approved by the Evaluation Committee for financial assistance under the auspices of TEQIP-III.

Department	Name of the Startup	Name of the Proposer(s)	Amount Sanctioned
Chemical Engineering	Catalytic Pyrolysis of Plastic Waste for the Production of Liquid Fuels	Dr.A.Gnanaprakasam Assistant Professor	Rs.15,000

As per TEQIP norms, only reimbursement claim is allowed. Hence, it is hereby informed to procure the following approved items not exceeding the sanctioned budget and submit the documents for reimbursement claim.

Approved items

- Chemicals
- Modification of Equipment

The items procured other than the approved item will be disallowed as per TEQIP norms.

Documents required for Reimbursement Claim:

- Certificate as per the following format forwarded by the HoD
"I am personally satisfied that these goods purchased are of the requisite quality and specification and have been purchased from a reliable supplier at a reasonable price."
- Computerized Bills with GST
- Handwritten bills are not allowed
- Due date - within 15 days from the date of the proceedings

Contact Address:

Civil Aerodrome (PO)
Coimbatore - 641 014
Tamilnadu, India

Tel : +91 - 422 - 2574071/72

Fax : +91 - 422 - 2573187

E-Mail :

teqipcit@gmail.com

teqip@cit.edu.in

Web: www.cit.edu.in

Copy To:

- Individual
 - HoD- Concerned
 - Guard File
- } E-Mail only



Dr. V. SELLADURAI M.E., Ph.D.,
FIE., FIIIE., FIPE., FORSI
PRINCIPAL
COIMBATORE INSTITUTE OF TECHNOLOGY
COIMBATORE - 641 014 INDIA.

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COIMBATORE INSTITUTE OF TECHNOLOGY

(Government Aided Autonomous Institution)

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (PHASE - III)

(Sub Component - 1.3 - Twinning Arrangements)

NPIU

National Project Implementation Unit

Correspondent
Dr.S.R.K.Prasad
D.Sc.,(USA)

Principal
Dr.V.Selladurai M.E.,Ph.D.,
FIE, FIIIE, Sr.M (ORSI), LM(SSSI)

Dr.V.Manikandan
TEQIP Coordinator

Proc. No. CIT/TEQIP-III/Start-up/2020/No.10

Dt: 07.12.2020

Sub: Approval of startup proposal for financial assistance under TEQIP-III - reg

Ref: (i) TEQIP-III - Permissible and Non-permissible Expenditure

Clause 2.1 - Improve student learning (b) Seed money for start-up

(ii) CIT/TEQIP-III/Start-up/2020/No.01 Dt: 03.11.2020

(iii) Start-up proposals Evaluation Committee Meeting Dt: 04th Dec, 2020

I am very glad to inform you that, the following Start-up proposal has been approved by the Evaluation Committee for financial assistance under the auspices of TEQIP-III.

Department	Name of the Startup	Name of the Proposer(s)	Amount Sanctioned
Information Technology	MediFood	Dr.N.Anitha devi Assistant Professor	Rs.25,000

As per TEQIP norms, only reimbursement claim is allowed. Hence, it is hereby informed to procure the following approved items not exceeding the sanctioned budget and submit the documents for reimbursement claim.

Approved items

- Incorporation Certificate & registration
- Web development
- App development
- Development of First cloud kitchen
- Funding for Amazon web services

The items procured other than the approved item will be disallowed as per TEQIP norms.

Documents required for Reimbursement Claim:

- Certificate as per the following format forwarded by the HoD
"I am personally satisfied that these goods purchased are of the requisite quality and specification and have been purchased from a reliable supplier at a reasonable price."
- Computerized Bills with GST
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COIMBATORE INSTITUTE OF TECHNOLOGY

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TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (PHASE - III)

(Sub Component - 1.3 - Twinning Arrangements)

NPIU

National Project Implementation Unit

Correspondent
Dr.S.R.K.Prasad
D.Sc.,(USA)

Principal
Dr.V.Selladurai M.E.,Ph.D.,
FIE, FIIIE, Sr.M (ORSI), LM(SSl)

Dr.V.Manikandan
TEQIP Coordinator

Proc. No. CIT/TEQIP-III/Start-up/2020/No.08

Dt: 07.12.2020

Sub: Approval of startup proposal for financial assistance under TEQIP-III - reg

Ref: (i) TEQIP-III - Permissible and Non-permissible Expenditure

Clause 2.1 - Improve student learning (b) Seed money for start-up

(ii) CIT/TEQIP-III/Start-up/2020/No.01 Dt: 03.11.2020

(iii) Start-up proposals Evaluation Committee Meeting Dt: 04th Dec, 2020

I am very glad to inform you that, the following Start-up proposal has been approved by the Evaluation Committee for financial assistance under the auspices of TEQIP-III.

Department	Name of the Startup	Name of the Proposer(s)	Amount Sanctioned
EEE	Design and Development of thermoelectric generator system from exhaustable gas of vehicles	Dr.S.Nandakumar Assistant professor	Rs.15,000

As per TEQIP norms, only reimbursement claim is allowed. Hence, it is hereby informed to procure the following approved items not exceeding the sanctioned budget and submit the documents for reimbursement claim.

Approved items

- Peltier Cell Module
- Belt design - setup
- DC-DC Converter design includes inductor, capacitor, protection circuit and switching device
- PWM controller and Drive unit for DC-DC Converter
- IoT Module
- Sensors (Voltage and Temperature)
- Lithium Polymer Battery
- Wiring system and other common apparatus

The items procured other than the approved item will be disallowed as per TEQIP norms.

Documents required for Reimbursement Claim:

- Certificate as per the following format forwarded by the HoD
"I am personally satisfied that these goods purchased are of the requisite quality and specification and have been purchased from a reliable supplier at a reasonable price."
- Computerized Bills with GST
- Handwritten bills are not allowed
- Due date - within 15 days from the date of the proceedings

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COIMBATORE - 641 014 INDIA.

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Grant of Seed Money

Sanctioned Proposals

The following proposals have been selected for the grant of seed money to carry out research work.

S. No.	Name and Designation	Department	Title of the Proposal	Sanctioned Amount (Rs.)
1.	Mr.M.Gowri Shankar Assistant Professor	Civil Engineering	Development of Sustainable Building Blocks in Housing Construction for Low Income People	125000/-
2.	Dr.V.G.Kalpna Assistant Professor	Civil Engineering	Parametric Study on Thermal Efficiency and Seismic Response of Composite Insulated Precast Concrete Sandwich Wall Panel Buildings	125000/-
3.	Mr.S.Thirumurugan Assistant Professor	Mechanical Engineering	Performance Evaluation of Ionano Fluids(Inf) as Absorbent in Vapour Absorption Refrigeration Systems	93600/-
4.	Dr.S.Suja Associate Professor	Electrical and Electronics Engineering	Design and Analysis of Cost Effective Electric Vehicle Charging Station	125000/-
5.	Dr.M.Poongothai Associate Professor, Ms.S.Dhanalakshmi Assistant Professor	Electronics and Communication Engineering	IoT Based Indoor Air Quality (IAQ) Monitoring and Controlling System for CIT Campus	125000/-
6.	Dr.P.Suresh Assistant Professor	Physics	Synthesis and Characterization of Heterostructured Powder Catalysts for Photocatalytic Application	125000/-
7.	Dr.C.P.Yoganand Assistant Professor	Physics	Fabrication of Nano-Carbons Based Medical Cotton Fabrics by Plasma Impregnation Technique for Wound Healing and Anti-Cancerous Applications	125000/-
8.	Dr.B.Gayathri Assistant Professor	Chemistry	A Novel Bone Mimetic Scaffold Composed of Polylactic Acid Hydroxyapatite Zeolite Biomaterial – Finding the Route of Mechanism	125000/-

7.8.2019



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7.8.2019

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COIMBATORE - 641 014



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CORRESPONDENT

Dr. S.R.K. PRASAD D.Sc.(USA)

PRINCIPAL

Dr. V SELLADURAI M.E. Ph.D

FIE, FIEE, FIPE, FORSI, LM(IISSE)

7.8.2019

To

Mr.M.Gowri Shankar
Assistant Professor
Department of Civil Engineering
Coimbatore Institute of Technology

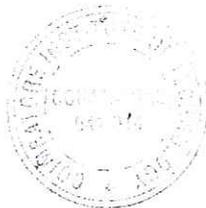
Sub: Sanction of seed money for research proposal –reg.
Ref. 1: Call for proposal dated 12.4.2019
Ref. 2: Your proposal dated 15.5.2019

I am pleased to inform that, your research proposal titled “Development of Sustainable Building Blocks in Housing Construction for Low Income People” has been selected for the award of seed money of Rs.125000/- (Rupees One Lakh and Twenty Five Thousand only) by the Management of CIT. The following items are approved for carrying out your research project.

S. No	Item	Cost (Rs)
1	Hydraulic Compression Machine	120000
2	Fabrication of casting mould	5000
	Total	125000

For Information:

1. Kindly follow the State Government norms (i.e. three quotations for the purchase of items having a cost of more than Rs.5000/-).
2. The duration of the project is one year from 19th August 2019 to 18th August 2020.
3. The following documents should be submitted after the completion of the project:
 - a. Utilization certificate as per enclosed format.
 - b. Report with deliverables
 - c. At least one Published / Submitted copy of the research paper as outcome of your research project.



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CORRESPONDENT

Dr. S.R.K. PRASAD (D.Sc. USA)

PRINCIPAL

Dr. V. SELLADURAI (M.E. Ph.D.)

FIE, FIIIE, FIPE, FORSI, LM(ISSE)

7.8.2019

To

Dr. V.G. Kalpana
Assistant Professor
Department of Civil Engineering
Coimbatore Institute of Technology

Sub: Sanction of seed money for research proposal –reg.

Ref. 1: Call for proposal dated 12.4.2019

Ref. 2: Your proposal dated 23.4.2019

I am pleased to inform that, your research proposal titled “Parametric Study on Thermal Efficiency and Seismic Response of Composite Insulated Precast Concrete Sandwich Wall Panel Buildings” has been selected for the award of seed money of Rs.125000/- (Rupees One Lakh and Twenty Five Thousand only) by the Management of CIT. The following items are approved for carrying out your research project.

S. No	Item	Cost (Rs)
1	Data Logging Channel expansion Modules, Thermal Sensors and Vibration Sensors	120000
2	Shear Connectors	5000
Total		125000

For Information:

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CORRESPONDENT

Dr. S.R.K. PRASAD D.Sc (USA)

PRINCIPAL

Dr. V. SELLADURAI M.E. Ph.D.

FIE, FIEE, FIPE, FORSI, LM(ISSE)

7.8.2019

To

Mr.S.Thirumurugan
Assistant Professor
Department of Mechanical Engineering
Coimbatore Institute of Technology

Sub: Sanction of seed money for research proposal –reg.

Ref. 1: Call for proposal dated 12.4.2019

Ref. 2: Your proposal dated 23.4.2019

I am pleased to inform that, your research proposal titled “Performance Evaluation of Ionano (INFs) Fluids as Absorbent in Vapour Absorption Refrigeration Systems” has been selected for the award of seed money of Rs.93600/- (Rupees Ninety Three Thousand and Six Hundred only) by the Management of CIT. The following items are approved for carrying out your research project.

S. No	Item	Cost (Rs)
1	Generator, Absorber, Condenser, Compressor and Rectifier	30000
2	Synthesis of Ionano Fluid	20000
3	Vacuum Pump and Heat Exchanger	30000
4	Refrigerant Cylinder	1000
5	Compound Gauge, Pressure Gauge, Digital Multimeter, Digital Clamp Meter, Welding set and Manifold set	5500
6	Flaring and Swaging Tool set, Copper tubes and Steel tubes, Tube cutter, Monkey Plier, Nose Plier, Wire cutter, Gas hose and Pliers.	7100
Total		93600

For Information:

1. Kindly follow the State Government norms (i.e. three quotations for the purchase of items having a cost of more than Rs.5000/-)

Contd.





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Dr. V. SELLADURAI M.E. Ph.D.

FIE, FIEE, FIPE, FORSI, LM(ISSE)

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PRINCIPAL

Dr. V. SELLADURAI

FIE, FIEE, FIPE, FORSI, LMISSE)

7.8.2019

To

Dr.S.Suja
Associate Professor
Department of Electrical and Electronics Engineering
Coimbatore Institute of Technology

Sub: Sanction of seed money for research proposal –reg.

Ref. 1: Call for proposal dated 12.4.2019

Ref. 2: Your proposal dated 6.6.2019

I am pleased to inform that, your research proposal titled “Design and Analysis of Cost Effective Electric Vehicle Charging Station” has been selected for the award of seed money of Rs.125000/- (Rupees One Lakh and Twenty Five Thousand only) by the Management of CIT. The following items are approved for carrying out your research project.

S. No	Item	Cost (Rs)
1	BLDC Motor	9000
2	Li- Ion Battery	15000
3	Ancillaries in EV Designing	5000
4	DC Type Charger	55000
5	Batteries and Ultra Capacitors(Energy storage in charging stations)	20000
6	Ancillaries in charging station design	6000
7	Driver for Converter	10000
8	Power Electronic Components	5000
	Total	125000

For Information:

1. Kindly follow the State Government norms (i.e. three quotations for the purchase of items having a cost of more than Rs.5000/-)

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CORRESPONDENT

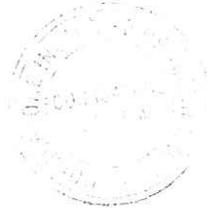
Dr. S.R.K. PRASAD D.Sc. USA

PRINCIPAL

Dr. V. SELLADURAI B. Ph.D.

FIE, FIIIE, FIPE, FORSI, LM(ISSE)

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PRINCIPAL

Dr. V. SELLADURAI (Ph.D.)

FIE, FIEE, FIPE, FORSI, LM(ISSE)

7.8.2019

To

Dr.M.Poongothai & Ms.S.Dhanalakshmi
Department of Electronics and Communication Engineering
Coimbatore Institute of Technology

Sub: Sanction of seed money for research proposal –reg.

Ref. 1: Call for proposal dated 12.4.2019

Ref. 2: Your proposal dated 3.6.2019

I am pleased to inform that, your research proposal titled “IoT Based Indoor Air Quality (IAQ) Monitoring and Controlling System for CIT Campus” has been selected for the award of seed money of Rs.125000/- (Rupees One Lakh and Twenty Five Thousand only) by the Management of CIT. The following items are approved for carrying out your research project.

S. No	Item	Cost (Rs)
1	K30 sensor(4 numbers), DHT11sensor(5 numbers), OSEPPLM35 Temperature sensor(5 numbers)	30250
2	MS1100MS – 1100VOC Formaldehyde Benzene concentration gas sensor module(4 numbers)	7200
3	Robocraze GP2Y1010AUOF Optical Dust Sensor Kit with Cable for Arduino (4 numbers)	2400
4	DIGI XPB24CZ7PIT- 004 RF Transceiver Module, XBee-PRO Zigbee Through Hole Module, XBee-PRO ZB S2C TH, PCB Antenna(2 numbers)	24000
5	REES52 2 Channel DC 5V Relay Module, Optocoupler Low Level Trigger Expansion Board (4 numbers), Arduino UNO (2 numbers), ESP 32(5 numbers), Raspberry pi 3 (3 numbers)	16450
6	WDBMUT0040JWT- BESN 4TB Personal Cloud (1 number)	25000
7	Wi Fi Modem (2 numbers)	5600
8	Panasonic FV – 11VQ5 Whisper Ceiling 110 CFM Ceiling Mounted Fan, White (2 numbers)	14100
	Total	125000

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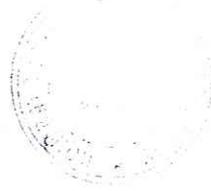
PRINCIPAL

Dr. V. SELLADURAI M.L.P.D

FIE, FIIE, FIPE, FORSI, LM(ISSE)

For Information:

1. Kindly follow the State Government norms (i.e. three quotations for the purchase of items having a cost of more than Rs.5000/-)
2. The duration of the project is one year from 19th August 2019 to 18th August 2020.
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CORRESPONDENT

Dr. S.R.K. PRASAD D.Sc. (USA)

PRINCIPAL

Dr. V. SELLADURAI M.E. Ph.D.

FIE, FIIE, FIPE, FORSI, LM(ISSE)

7.8.2019

To

Dr.P.Suresh
Assistant Professor
Department of Physics
Coimbatore Institute of Technology

Sub: Sanction of seed money for research proposal –reg.

Ref. 1: Call for proposal dated 12.4.2019

Ref. 2: Your proposal dated 29.5.2019

I am pleased to inform that, your research proposal titled “Synthesis and Characterization of Hetero-structured Powder Catalysts for Photo-catalytic Application” has been selected for the award of seed money of Rs.125000/- (Rupees One Lakh and Twenty Five Thousand only) by the Management of CIT. The following items are approved for carrying out your research project.

S. No	Item	Cost (Rs)
1	Teflon lined Sealed Autoclave	20000
2	Glass wares	7000
3	Chemicals Silver Nitrate, Niobium Oxalate, urea, Acetone, Ethanol	52000
4	Characterization studies : X-ray Diffraction, FTIR Studies, FESEM studies, HRTEM studies, XPS studies, Photoluminescence Spectroscopy	46000
Total		125000

For Information:

1. Kindly follow the State Government norms (i.e. three quotations for the purchase of items having a cost of more than Rs.5000/-)

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PRINCIPAL

Dr. V. SELLADURAI Ph.D

FIE, FIIE, FIPE, FORSI, LM(ISSE)

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CORRESPONDENT

Dr. S.R.K. PRASAD D.Sc.(USA)

PRINCIPAL

Dr. V. SELLADURAI M.E., Ph.D.,

FIE, FIIIE, FIPE, FORSI, LM(IISSE)

7.8.2019

To

Dr.C.P.Yoganand
Assistant Professor
Department of Physics
Coimbatore Institute of Technology

Sub: Sanction of seed money for research proposal –reg.
Ref. 1: Call for proposal dated 12.4.2019
Ref. 2: Your proposal dated 29.5.2019

I am pleased to inform that, your research proposal titled “Fabrication of Nanocarbon Based Medical Cotton Fabrics by Plasma Impregnation Technique for Wound Healing and Anti-cancerous Applications” has been selected for the award of seed money of Rs.125000/- (Rupees One Lakh and Twenty Five Thousand only) by the Management of CIT. The following items are approved for carrying out your research project.

S. No	Item	Cost (Rs)
1	Plasma System Service Charges	25000
2	Chemicals and glass wares : Acetone, Nitrile Gloves, Vacuum Desiccator, Silver Nitrate Solution, Gas-(argon/ acetylene/ oxygen/ nitrogen), Laboratory Glass Wares and Cotton fabrics (medical grade)	35500
3	Characterization studies : X-ray Diffraction, FTIR Studies, FESEM studies, HRTEM studies, XPS studies, Biological Characterization Studies	64500
Total		125000

For Information:

1. Kindly follow the State Government norms (i.e. three quotations for the purchase of items having a cost of more than Rs.5000/-)

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 - c. At least one Published / Submitted copy of the research paper as outcome of your research project.



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COIMBATORE INSTITUTE OF TECHNOLOGY

(Government Aided Autonomous Institution)

(Affiliated to Anna University, Chennai & Approved by AICTE, New Delhi)

Established in 1956 A unit of V. Ranganasamy Naidu Educational Trust

CIVIL AERODROME POST, COIMBATORE - 641 014, TAMILNADU, INDIA

CORRESPONDENT

Dr. S.R.K. PRASAD D.Sc. (PISA)

PRINCIPAL

Dr. V. SELLADURAI M.E. Ph.D.

FIE, FIEE, FIPE, FORSI LM(ISSE)

7.8.2019

To

Dr.B.Gayathri
Assistant Professor
Department of Chemistry
Coimbatore Institute of Technology

Sub: Sanction of seed money for research proposal –reg.

Ref. 1: Call for proposal dated 12.4.2019

Ref. 2: Your proposal dated 22.5.2019

I am pleased to inform that, your research proposal titled “Novel Bone Mimetic Scaffold Composed of Polyactic Acid Hydroxyapatite Zeolite Biomaterial – Finding the Route of Mechanism” has been selected for the award of seed money of Rs.125000/- (Rupees One Lakh and Twenty Five Thousand only) by the Management of CIT. The following items are approved for carrying out your research project.

S. No	Item	Cost (Rs)
1	Hydrothermal Autoclave	20000
2	Glass Wares	5000
3	Chemicals – Hexafluoro isopropanol, Polyactic acid, Polyglycolic acid, Acetone	50000
4	Characterization studies : X-ray Diffraction, FTIR Studies, FESEM studies, HRTEM studies, XPS studies, Biological Characterization Studies	50000
Total		125000

For Information:

1. Kindly follow the State Government norms (i.e. three quotations for the purchase of items having a cost of more than Rs.5000/-).

Contd.



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2. The duration of the project is one year from 19th August 2019 to 18th August 2020.
3. The following documents should be submitted after the completion of the project:
 - a. Utilization certificate as per enclosed format.
 - b. Report with deliverables
 - c. At least one Published / Submitted copy of the research paper as outcome of your research project.



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