



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/001

5.10.2021

To

Dr.S. Manigandan

Assistant Professor

Department of Aeronautical Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled **"Diesel engine fueled with Nano catalyst and pyrolysis oil produced from the solid plastic waste using screw reactor"** at a total cost of Rs.375000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
- You should not do any other business activity related to this innovation without the written consent of the Institution
- The innovators should inform the institution before he/she intends to apply for the patent of the design, process or product of the innovation
- Project Monitoring Committee will review the progress of the project and its implementation
- The complete project plan with clear milestones are to be submitted for the release of the fund
- The institution holds the right to recover or terminate the financial support if the proposed milestones are not achieved within the time period mentioned by the awardee.

With warm regards,

Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/002

5.10.2021

To

Dr.G.Murugadoss

Associate Professor

Department of Physics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Design and development of defect rich titania nanostructure for efficient electrocatalyst**" at a total cost of Rs.255000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/003

5.10.2021

To

Dr.S.Kumaran

Assistant Professor

Department of Biotechnology

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Co-cultivation of T. asperellum GDFS1009 and B. amyloliquefaciens 1841**" at a total cost of Rs.250000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/004

5.10.2021

To

Dr.Arun.J

Assistant Professor

Department of Chemistry

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Regulating the production of ligno-cellulolytic enzymes**" at a total cost of Rs.320000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/005

5.10.2021

To

Dr.J.Anita Lett

Assistant Professor

Department of Physics

Dear Sir / Madam,

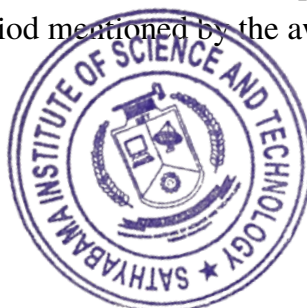
Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Enhancement of gas sensing and photocatalytic activity for reduced graphene oxide loaded TiO₂ nanoparticles**" at a total cost of Rs.335000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/006

5.10.2021

To

Dr.G.Nagarajan

Associate Professor

Department of Computer Science and Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Intrusion Detection System Using Deep Belief Network**" at a total cost of Rs.180000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/007

5.10.2021

To

Dr.Anderson.A

Professor

Department of Aeronautical Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Performance enhancement and prediction of R600a vapour compression refrigeration system using CuO/Sio2 hybrid nanolubricants**" at a total cost of Rs.220000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/008

5.10.2021

To

Dr.S.Ganesan

Professor

Department of Mechanical Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Experimental research on waste and inedible feedstock as a partial alternate fuel**" at a total cost of Rs.115000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/009

5.10.2021

To

Dr. Govindaraju

Associate Professor

Department of Biomedical Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Spectroscopic sensing of eight metal ions in aqueous solutions**" at a total cost of Rs.175000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/010

5.10.2021

To

Dr.Ravi Mani

Assistant Professor

Department of Biomedical Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Utilization of Eco-Friendly Waste Eggshell Catalysts for Enhancing Liquid Product Yields through Pyrolysis of Forestry Residues**" at a total cost of Rs.215000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/011

5.10.2021

To

Dr.Sathish.S

Assistant Professor

Department of Chemical Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Assessment of the plant phytoremediation efficacy for azolla filiculoides**" at a total cost of Rs.190000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/012

5.10.2021

To

Mr.Ashwin Jacob

Assistant Professor

Department of Automobile Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Continuous regeneration trap to mitigate greenhouse gas and particulate emissions from CI engine**" at a total cost of Rs.108000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/013

5.10.2021

To

Dr.Annam Renita.A

Professor

Department of Chemical Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Bioadsorption of oil from aqueous solution**" at a total cost of Rs.216000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/014

5.10.2021

To

Dr.M.Radhakrishnan

Professor

Department of Biotechnology

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**2,4-di-tert-butylphenol (2,4-DTBP) from endophytic Streptomyces sp. KCA1 from Phyllanthus niruri**" at a total cost of Rs.340000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/015

5.10.2021

To

Dr.P.Kuppusami

Professor

Department of Mechanical Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Metal-ceramic diffusion barrier nanocomposite coatings on nickel based superalloys for corrosion and high temperature oxidation resistance**" at a total cost of Rs.195000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/016

5.10.2021

To

Dr.Inbakandan.D

Professor

Department of Biotechnology

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Proximate composition and fatty acid profile of Himantura marginata (Blackedge whiplay) liver oil**" at a total cost of Rs.87000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/017

5.10.2021

To

Dr.A.Madan Kumar

Assistant Professor

Department of Physics

Dear Sir / Madam,

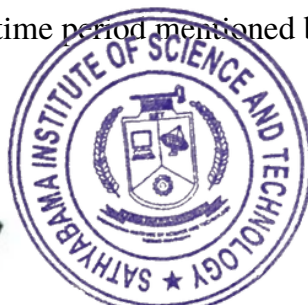
Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Effects of cyclo(-Pro-Tyr) against N-diethyl nitrosamine induced hepatocellular carcinoma in mouse through PI3K/AKT signaling**" at a total cost of Rs.120000.

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/018

5.10.2021

To

Dr.Subramoniam.M

Professor

Department of Electronics and Communication Engineering

Dear Sir / Madam,

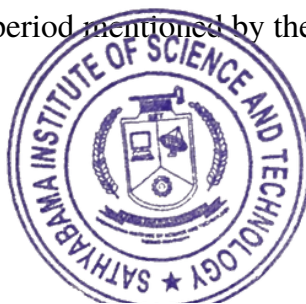
Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Noninvasive detection of COPD and Lung Cancer through breath analysis using MOS Sensor array based e-nose**" at a total cost of Rs.240000.

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/019

5.10.2021

To

Dr.Amit Kumar

Assistant Professor

Department of Chemistry

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Molecular response of Sargassum vulgare to acidification at volcanic CO₂ vents**" at a total cost of Rs.310000.

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/020

5.10.2021

To

Dr.S.Johnson Retnaraj Samuel

Associate Professor

Department of Biotechnology

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Designing of cytotoxic T lymphocyte-based multi-epitope vaccine against SARS-CoV2**" at a total cost of Rs.175000.

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/021

5.10.2021

To

Dr.D.Jeyapragash

Assistant Professor

Department of Chemistry

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Phenylpropanoid biosynthetic gene expression and nutrient uptake kinetics for enhanced rosmarinic acid production**" at a total cost of Rs.232000.

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/022

5.10.2021

To

Dr.P.Prakash

Assistant Professor

Department of Biotechnology

Dear Sir / Madam,

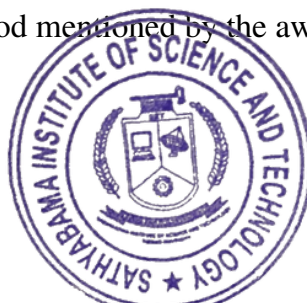
Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Gum-Derived Polysaccharides of Moringa oleifera and Azadirachta indica as Plant Stimulants and Bio-Pesticidal Agents**" at a total cost of Rs.178000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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- The complete project plan with clear milestones are to be submitted for the release of the fund
- The institution holds the right to recover or terminate the financial support if the proposed milestones are not achieved within the time period mentioned by the awardee.

With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021–22/ SG/023

5.10.2021

To

Ms.Ranjita Misra

Mentor: Vinita Vishwakarma, Professor

Department of Biomedical Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Multifaceted Engineered Biomimetic Nanorobots Toward Cancer Management**" at a total cost of Rs.275000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/024

5.10.2021

To

Dr. Godwin Immanuel.D

Associate Professor

Department of Electrical and Electronics Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Implementation of self-regulating controller for integrating DFIG-based grid system with load interruption**" at a total cost of Rs.370000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/025

5.10.2021

To

Dr.K.Gobi Saravanan

Associate Professor

Department of Biomedical Engineering

Dear Sir / Madam,

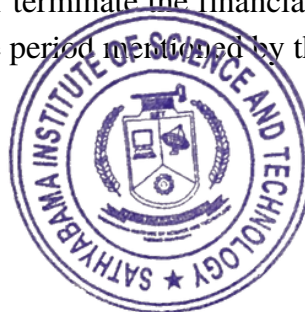
Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Titanium oxynitride coated graphite paper electrodes**" at a total cost of Rs.170000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/026

5.10.2021

To

Dr.Anima Nanda

Professor

Department of Biomedical Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Biosynthesis of Zinc oxide nanoparticles using *Bergenia ciliate aqueous extract***" at a total cost of Rs.65000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/027

5.10.2021

To

Mr. Carlton Ranjit Wilson

Mentor: Dr.R.Rajesh Kannan, Professor

Department of Biotechnology

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Amelioration of acrylamide induced neurotoxicity by benzo[b]thiophene analogs via glutathione redox dynamics in zebrafish larvae**" at a total cost of Rs.85000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/028

5.10.2021

To

Dr.T.Stalin Dhas

Assistant Professor

Department of Biotechnolgy

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**In vitro antibacterial activity of biosynthesized silver nanoparticles against gram negative bacteria**" at a total cost of Rs.145000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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With warm regards,

Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/029

5.10.2021

To

Dr.R.Aroul Canessane

Associate Professor

Department of Computer Science and Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Prediction Of Traffic Generated By Iot Devices Using Statistical Learning Time Series Algorithms**" at a total cost of Rs.80000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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With warm regards,
awardee.

Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/030

5.10.2021

To

Dr.S.P.Venkatesan

Associate Professor

Department of Mechanical Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**CI engine run by aqueous nanofluid fuel blends** " at a total cost of Rs.97000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/031

5.10.2021

To

Dr.S.Prakash

Assistant Professor

Department of Bioinformatics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Corallimorph sea anemone infestation in the coral reefs of Lakshadweep archipelago**" at a total cost of Rs.160000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/032

5.10.2021

To

Dr.C.Kavitha

Assistant Professor

Department of Computer Science and Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Inner mapping combiner**" at a total cost of Rs.56000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/033

5.10.2021

To

Dr.M.Arun Sundar

Assistant Professor

School of Pharmacy

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Aducantumab and adenoviral COVID-19 vaccines: increased cerebral hemorrhage risk?**" at a total cost of Rs.232000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/034

5.10.2021

To

Dr.P.Boomadevi

Associate Professor

Department of Aeronautical Engineering

Dear Sir / Madam,

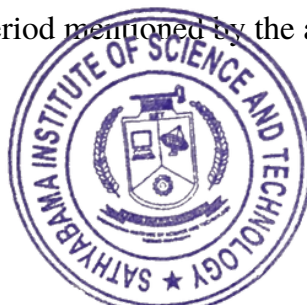
Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Fuel atomization and spray penetration on the Thevetia peruviana and Jatropha curcas biodiesel blends with nanoparticle**" at a total cost of Rs.258000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/035

5.10.2021

To

Dr.R.Narmadha

Associate Professor

Department of Electronics and Communication Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Intelligent privacy preservation protocol in wireless MANET for IoT applications**" at a total cost of Rs.52000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/036

5.10.2021

To

Dr.S.D.Sundar Singh Jebaseelan

Associate Professor

Department of Electrical and Electronics Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Multifunctional Smart PV-Based Domestic Distributed Generator in Dual-Mode Operation**" at a total cost of Rs.86000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/037

5.10.2021

To

Dr.Kunal Biswas

Assistant Professor

Department of Biotechnology

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Bioactive Potentials of C60-AgNPs Nano-Composites against Malignancies and Microbial Infections**" at a total cost of Rs.168000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/038

5.10.2021

To

Ms.N.Nirmala

Mentor: Dr.Dawn.S.S, Professor

Department of Chemical Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Removal of toxic metals from wastewater environment by graphene-based composites**" at a total cost of Rs.215000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/039

5.10.2021

To

Dr.S.Vigneshwari

Professor

Department of Computer Science and Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Design of Agricultural Ontology based on Levy Flight Distributed Optimization**" at a total cost of Rs.360000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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With warm regards,


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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/040

5.10.2021

To

Dr. Jemmy Christy.H

Assistant Professor

Department of Bioinformatics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Deciphering the Synergistic Mechanism of Cortistatin towards Cancer Targets**" at a total cost of Rs.225000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/041

5.10.2021

To

Dr.T.Krithiga

Associate Professor

Department of Chemistry

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Efficient one-pot synthesis of 4-hydroxy-2H chromene by heterogeneously catalyzed ZnO NP**" at a total cost of Rs.275000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/042

5.10.2021

To

Dr.M.L.Bharathi

Associate Professor

Department of Electrical and Electronics Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Evaluating green energy sources and its experimental analysis on pyrolysis**" at a total cost of Rs.190000.

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SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/043

5.10.2021

To

Dr.S.Radhika

Associate Professor

Department of Electrical and Electronics Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Sparse System Identification**" at a total cost of Rs.358000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/044

5.10.2021

To

Dr.M.Sangeetha

Associate Professor

Department of Mechatronics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Chlorella vulgaris microalgae oil in compression ignition engine**" at a total cost of Rs.230000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/045

5.10.2021

To

Dr.S.Prakash

Professor

Department of Mechatronics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Airfoil design and testing of multi-stage horizontal axis wind turbine rotors**" at a total cost of Rs.265000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/046

5.10.2021

To

Dr.D.Prabu

Associate Professor

Department of Chemical Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**One-Step Fabrication of Amino-Functionalized Fe₃O₄@SiO₂ Core-shell magnetic nanoparticles**" at a total cost of Rs.335000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/047

5.10.2021

To

Dr.K.Vijai Anand

Associate Professor

Department of Physics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Biomass extract of green macroalga *Halimeda opuntia* assisted ZnO nanoparticles**" at a total cost of Rs.365000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/048

5.10.2021

To

Dr.V.Senthil Nayagam

Assistant Professor

Department of Electrical and Electronics Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Deep Learning Model on Energy Management in Grid-Connected Solar Systems**" at a total cost of Rs.275000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/049

5.10.2021

To

Dr.Rajasekar.T

Assistant Professor

Department of Biotechnology

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Influence of extracellular protein isolated from fish gut associated bacteria**" at a total cost of Rs.329000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/050

5.10.2021

To

Ms.Priyadharshini

Mentor: Dr.Dawn.S.S, Professor

Department of Chemical Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Production of bioethanol from rejects of Kappaphycus alvarezii and solid food waste**" at a total cost of Rs.290000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/051

5.10.2021

To

Mr.C.Kumar

Associate Professor

Department of Physics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Facile synthesis of sericin modified graphene oxide nanocomposites for treating ischemic diseases**" at a total cost of Rs.85000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/052

5.10.2021

To

Dr.Ashok Kumar.K

Associate Professor

Department of Computer Science and Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Encryption standard key management scheme for secure cloud storage and intrusion detection**" at a total cost of Rs.312000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/053

5.10.2021

To

Dr.V.Ganesh Kumar

Professor

Department of Chemistry

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Development of a remote aliquoting system and a remote titration method for analysis of fast reactor fuel reprocessing plant samples inside a hot cell**" at a total cost of Rs.179000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/054

5.10.2021

To

Dr.Refonaa

Assistant Professor

Department of Computer Science and Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "Data Mining for IoT Data" at a total cost of Rs.256000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/055

5.10.2021

To

Dr.L.Lakshmanan

Professor

Department of Computer Science and Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Managing data security in Fog Computing in IoT Devices using Noise Framework Encryption**" at a total cost of Rs.165000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/056

5.10.2021

To

Ms.S.R.Sri Vidhya

Assistant Professor

Department of Computer Science and Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Analysis of Electronic Health Records Recommender System**" at a total cost of Rs.352000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/057

5.10.2021

To

Dr.M.Anish

Assistant Professor

Department of Mechanical Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Analysis of Variable Compression Ratio Engine Using Biodiesel**" at a total cost of Rs.87000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/058

5.10.2021

To

Dr.R.Siva

Associate Professor

Department of Mechanical Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Influence of Waste Egg Shell Particles on Polylactic Acid Matrix for Additive Manufacturing Application**" at a total cost of Rs.236000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/059

5.10.2021

To

Dr.D.S.Jayalakshmi

Assistant Professor

Department of Physics

Dear Sir / Madam,

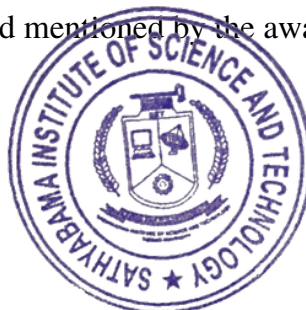
Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Band engineering of modified rhombohedral Cu₄Mn₂Te₄**" at a total cost of Rs.305000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/060

5.10.2021

To

Dr. Vedanarayanan.V

Associate Professor

Department of Electronics and Communication Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Kevlar and Ramie Fiber Reinforced Epoxy Composites**" at a total cost of Rs.355000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/061

5.10.2021

To

Dr. Jayaprakash.S

Associate Professor

Department of Electrical and Electronics Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**3-Phase multi-inverter with cascaded H-bridge inverter designing and implementation for renewable system**" at a total cost of Rs.195000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/062

5.10.2021

To

Dr.K.Manigundan

Assistant Professor

Department of Biotechnology

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Conversion of Aquaculture Waste into Biomedical Wealth**" at a total cost of Rs.276000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/063

5.10.2021

To

Dr.Pravin.A

Associate Professor

Department of Computer Science and Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Heart Disease Prediction**" at a total cost of Rs.198000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/064

5.10.2021

To

Dr.Jeberson Retna Raj

Professor

Department of Information Technology

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**An efficient enhanced prefix hash tree optimization model**" at a total cost of Rs.261000.

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With warm regards,


Chancellor





SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

SEED GRANT OFFER LETTER

Ref. No.: SIST/2021–22/ SG/065

5.10.2021

To

Ms.Ramya.D

Assistant Professor

Department of Electrical and Electronics Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Artificial intelligence based quality of transmission**" at a total cost of Rs.318000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/066

5.10.2021

To

Dr.M.Maheswari

Associate Professor

Department of Computer Science and Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Person re-identification using adversarial haze attack and defense**" at a total cost of Rs.94000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/067

5.10.2021

To

Dr.V.K. Bupesh Raja

Professor

Department of Automobile Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Coating Type on Tribological Response of H13 Tool Steel**" at a total cost of Rs.346000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/068

5.10.2021

To

Dr.G.Senthil Kumar

Associate Professor

Department of Mechanical Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Energy analysis in Diesel Engine with Binary Blends**" at a total cost of Rs.362000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/069

5.10.2021

To

Ms.A.Sabarivani

Assistant Professor

Department of Biomedical Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Energetic glaucoma segmentation and classification strategies using depth optimized machine learning strategies**" at a total cost of Rs.77000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021–22/ SG/070

5.10.2021

To

Dr.M.Manjula

Assistant Professor

Department of Physics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Lifting the optical and thermoelectric properties of Mg₂Si as a function of Sn incorporation**" at a total cost of Rs.327000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/071

5.10.2021

To

Dr.Jegan.G

Associate Professor

Department of Electronics and Communication Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Joint CFO and channel estimation**" at a total cost of Rs.300000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/072

5.10.2021

To

Dr.Karthikeyan.S

Associate Professor

Department of Electronics and Communication Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**An ingenious face recognition system based on HRPSM_CNN under unrestrained environmental condition**" at a total cost of Rs.280000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/073

5.10.2021

To

Dr.S.Lakshmi

Associate Professor

Department of Electronics and Communication Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Acute Myelogenous Leukemia Detection Using Optimal Neural Network Based on Fractional Black-Widow Model**" at a total cost of Rs.315000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/074

5.10.2021

To

Dr.Rajasekar.M

Associate Professor

Department of Chemistry

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Spirobifluorene derivatives and their biomaterial applications: Current Trends**" at a total cost of Rs.325000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/075

5.10.2021

To

Dr.Vinita Vishwakarma

Associate Professor

Department of Biomedical Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Phyllanthus muellerianus and Ficus exasperata exhibit anti-proliferative and pro-apoptotic activities in human prostate cancer PC-3 cells**" at a total cost of Rs.290000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/076

5.10.2021

To

Dr.S.Jackson Durairaj

Associate Professor

Department of Biotechnology

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Regeneration ability of earthworm Eudriluseugeniae**" at a total cost of Rs.302000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/077

5.10.2021

To

Dr.M.Moovendhan

Associate Professor

Department of Physics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Alcoholic concentrate of microalgal biomass modulates cytotoxicity, apoptosis, and gene expression in hepatocellular carcinoma**" at a total cost of Rs.198000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/078

5.10.2021

To

Dr. Sheela Rani.B

Associate Professor

Department of Electronics and Communication Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Modeling Target Detection and Performance Analysis of Electronic Countermeasures for Phased Radar**" at a total cost of Rs.309000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/079

5.10.2021

To

Dr.R.Rajesh Kannan

Associate Professor

Department of Biotechnology

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Zebrafish: A Promising Real-Time Model System for Nanotechnology-Mediated Neurospecific Drug Delivery**" at a total cost of Rs.216000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/080

5.10.2021

To

Dr.Asha.P

Associate Professor

Department of Computer Science and Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**AI-based IoT enabled environmental toxicology for air pollution Monitoring**" at a total cost of Rs.289000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/081

5.10.2021

To

Dr.Bharathi.B

Associate Professor

Department of Computer Science and Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Personality Prediction for Social Media**" at a total cost of Rs.236000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/082

5.10.2021

To

Ms.S.Hemalatha

Associate Professor

Department of Computer Science and Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Optimized Hybrid CNN - LSTM Architecture for Malignant Lung Nodule Detection**" at a total cost of Rs.245000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/083

5.10.2021

To

Dr.Meeragandhi.G

Associate Professor

Department of Computer Science and Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Prediction of liver cancer** " at a total cost of Rs.356000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/084

5.10.2021

To

Dr.Jeyanthi.P

Associate Professor

Department of Information Technology

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Attack detection and prevention in IoT-SCADA networks**" at a total cost of Rs.197000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/085

5.10.2021

To

Dr.Karthikeyan.A

Associate Professor

Department of Automobile Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Effect of manifold injection of n-decanol on neem biodiesel fuelled CI engine**" at a total cost of Rs.286000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/086

5.10.2021

To

Dr.G.Arun Kumar

Professor

Department of Mechanical Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Synthesis and Numerical Analysis of Compliant Devices**" at a total cost of Rs.185000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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- The complete project plan with clear milestones are to be submitted for the release of the fund
- The institution holds the right to recover or terminate the financial support if the proposed milestones are not achieved within the time period mentioned by the awardee.

With warm regards,


Chancellor





SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/087

5.10.2021

To

Dr.B.Kanimozhi

Associate Professor

Department of Mechatronics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Effects of oxyhydrogen on the CI engine fueled with the biodiesel blends**" at a total cost of Rs.264000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/088

5.10.2021

To

Mr.V.Jayaprakash

Associate Professor

Department of Mechatronics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Optimization of aluminium 8079 composite materials reinforced with PSA**" at a total cost of Rs.275000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/089

5.10.2021

To

Dr.T.Chinnadurai

Associate Professor

Department of Mechatronics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Stand-alone and hybrid energy technologies**" at a total cost of Rs.315000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/090

5.10.2021

To

Dr. Valli Nachiyar.C

Associate Professor

Department of Biotechnology

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**A green therapeutic approach of molecular mechanism inhibition**" at a total cost of Rs.165000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/091

5.10.2021

To

Dr.M.Masilamani Selvam

Associate Professor

Department of Biotechnology

Dear Sir / Madam,

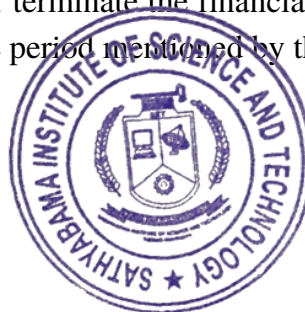
Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Advanced nanotechnology and hybrid membrane based water recycling, reuse, and wastewater treatment processes**" at a total cost of Rs.325000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/092

5.10.2021

To

Dr. Angel.D

Associate Professor

Department of Mathematics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Protection of Medical Information Systems Against Cyber Attacks**" at a total cost of Rs.274000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/093

5.10.2021

To

Dr.A.Mohamed Ismail

Associate Professor

Department of Mathematics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Wind Flow Simulation around Rhizophora Mangrove Roots Using Computational Fluid Dynamics**" at a total cost of Rs.31000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/094

5.10.2021

To

Dr.S.Anandhi

Associate Professor

Department of Physics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Silver Nanoparticles Synthesized using solvent Extraction of Rosa indica L. Petals**" at a total cost of Rs.290000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/095

5.10.2021

To

Ms. Magthelin Therase

Associate Professor

Department of Electronics and Communication Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Microstrip antenna using circular ring defected ground structure for X band applications**" at a total cost of Rs.285000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/096

5.10.2021

To

Dr.V.Meenakshi

Associate Professor

Department of Electrical and Electronics Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Predictive modelling of micro gas turbine engine fuelled with microalgae blends**" at a total cost of Rs.152000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/097

5.10.2021

To

Mr.V.Balachandar

Associate Professor

Department of Physics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Dynamics of the Poly(N-Isopropylacrylamide) Microgel Aqueous Suspension**" at a total cost of Rs.356000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,

Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/098

5.10.2021

To

Dr.D.Dinesh Kumar

Associate Professor

Department of Physics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Probing the Impact of Tribolayers on Enhanced Wear Resistance Behavior of Carbon-Rich Molybdenum-Based Coatings**" at a total cost of Rs.312000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/099

5.10.2021

To

Dr.T.S.Shyju

Associate Professor

Department of Physics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Lithium inserted ZnSnN₂ thin films for solar absorber: n to p-type Conversion**" at a total cost of Rs.365000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/100

5.10.2021

To

Dr.Dawn.S.S

Associate Professor

Department of Chemical Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**RSM optimization, CI engine test, cost analysis and research dynamics**" at a total cost of Rs.290000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/101

5.10.2021

To

Dr.S.Arunkumar

Professor

School of Pharmacy

Dear Sir / Madam,

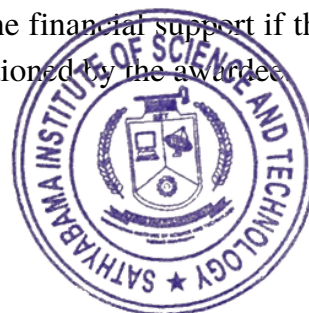
Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**An Epidemic of Mucormycosis Coinciding With the COVID-19 Pandemic in India**" at a total cost of Rs.325000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/102

5.10.2021

To

Dr.A.Veeramuthu

Assistant Professor

Department of Information Technology

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Non-Destructive Assay of Indian Wheat Varieties**" at a total cost of Rs.275000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/103

5.10.2021

To

Mr.Lokeswar Patnaik

Assistant Professor

Department of Aeronautical Engineering

Dear Sir / Madam,

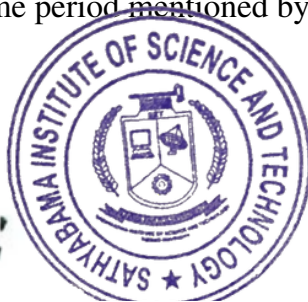
Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Hardened DAC-10 tool steel with optimized wear parameter**" at a total cost of Rs.195000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/104

5.10.2021

To

Mr.S.Lakshmi Sankar

Assistant Professor

Department of Mechanical Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Surface Modification of EN353 Gear Material by Chromium Plating and Plasma Nitriding**" at a total cost of Rs.257000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/105

5.10.2021

To

Dr.D.Alex Anand

Associate Professor

Department of Bioinformatics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Zein-Polyvinyl pyrrolidone nano fibrous membrane in decolorization of Acid Red 1**" at a total cost of Rs.285000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/106

5.10.2021

To

Dr.Helen Merina Albert

Professor

Department of Physics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Crystallization and Characterization of 2l-Histidinium·2Maleate·3H₂O and l-Histidinium·Glutarate·H₂O Organic Crystals**" at a total cost of Rs.184000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/107

5.10.2021

To

Dr.Sahaya Anselin Nisha.A

Professor

Department of Electronics and Communication Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Hybrid Multi Beamforming and Multi-User Detection Technique for MU MIMO System**" at a total cost of Rs.289000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/108

5.10.2021

To

Ms.F.V.Jaya Sudha

Assistant Professor

Department of Electronics and Communication Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Phased Array Ultrasonic Test Signal Enhancement and Classification**" at a total cost of Rs.157000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/109

5.10.2021

To

Dr.Sundar Rajan.G.T

Associate Professor

Department of Electrical and Electronics Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Electric Vehicles Charging Stations' Architectures, Criteria, Power Converters, and Control Strategies in Microgrids**" at a total cost of Rs.259000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/110

5.10.2021

To

Dr.Revathy.S

Associate Professor

Department of Information Technology

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Security enhancement in large scale real-world online social networks**" at a total cost of Rs.185000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/111

5.10.2021

To

Dr. Albert Mayan.J

Associate Professor

Department of Computer Science and Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Latent Semantic Based Fuzzy Kernel Support Vector Machine**" at a total cost of Rs.278000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/112

5.10.2021

To

Dr. Jeslin Shanthamalar.J

Assistant Professor

Department of Computer Science and Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Automated Image Quality Appraisal Through Partial Least Squares Discriminant Analysis**" at a total cost of Rs.195000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/113

5.10.2021

To

Dr.Rajalakshmi

Assistant Professor

Department of Computer Science and Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Synthesis and optimization of Cr (Vi) removal from aqueous solution by activated carbon with magnetic Fe₃O₄nanoparticles**" at a total cost of Rs.318000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/114

5.10.2021

To

Dr.Ramya G. Franklin

Assistant Professor

Department of Computer Science and Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Arrhythmia and disease classification based on deep learning techniques**" at a total cost of Rs.357000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/115

5.10.2021

To

Dr.Mary Gladence.L

Associate Professor

Department of Information Technology

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Security management in smart home environment**" at a total cost of Rs.250000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/116

5.10.2021

To

Dr.Subhashini.R

Professor

Department of Information Technology

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Ascertaining the truthfulness of the data and reliability of the users in a crowdsourcing application**" at a total cost of Rs.210000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/117

5.10.2021

To

Dr.A.Jayaganthan

Assistant Professor

Department of Automobile Engineering

Dear Sir / Madam,

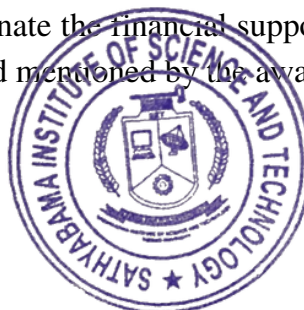
Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled **"Reduction of Carbon-Based Emissions using MgONanoparticle with Waste Cooking Oil Biodiesel in Diesel Engine"** at a total cost of Rs.185000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/118

5.10.2021

To

Mr.E.Manoj

Assistant Professor

Department of Automobile Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Effect of black rice husk ash biosilica of stacked aloevera/roselle and glass fiber reinforced epoxy composite**" at a total cost of Rs.250000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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With warm regards,


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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/119

5.10.2021

To

Dr.S.Gracy Jenifer

Assistant Professor

Department of Biotechnology

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Realization of rGO/ZnCo₂O₄ nanocomposites**" at a total cost of Rs.190000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/120

5.10.2021

To

Dr.Bavanilatha.M

Associate Professor

Department of Biotechnology

Dear Sir / Madam,

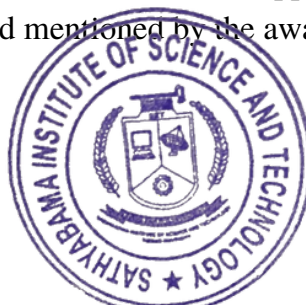
Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Bhe Synthesis, Characterization and Applications of Polyhydroxyalkanoates (PHAs) and PHA-Based Nanoparticles**" at a total cost of Rs.150000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/121

5.10.2021

To

Dr.S.Sunitha

Associate Professor

Department of Chemistry

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Antimicrobial and anticancer potential of silver nanoparticles**" at a total cost of Rs.150000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/122

5.10.2021

To

Dr.Manoharan.R

Associate Professor

Department of Mathematics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**New approach to DeMorgan's laws for soft sets via soft ideals**" at a total cost of Rs.150000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/123

5.10.2021

To

Dr.K.Parasuraman

Assistant Professor

Department of Physics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Medical applications of Couroupitaguianensis Abul plant by using Mathematical Nano topological spaces**" at a total cost of Rs.150000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/124

5.10.2021

To

Dr. Logashanmugam.E

Professor

Department of Electronics and Communication Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**An Automated Deep Learning Model for the Cerebellum Segmentation from Fetal Brain Images**" at a total cost of Rs.385000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/125

5.10.2021

To

Ms.Premalatha.J

Assistant Professor

Department of Electronics and Communication Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Base Station Energy Management in 5G Networks Using Wide Range Control Optimization**" at a total cost of Rs.175000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/126

5.10.2021

To

Dr. Godwin Premi.M.S

Professor

Department of Electronics and Communication Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Accurate Measurement of Strain in Noncontact Surface Deformation Using Subset-Based Digital Image Correlation**" at a total cost of Rs.286000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/127

5.10.2021

To

Dr.M.Sugadev

Associate Professor

Department of Electronics and Communication Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Sustainable Energy Management and Control for VariableLoad Conditions using Improved Mayfly Optimization**" at a total cost of Rs.150000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/128

5.10.2021

To

Dr.T.Ravi

Professor

Department of Electronics and Communication Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Detection and classification of arrhythmia type using hybrid model of LSTM with convolutional neural network**" at a total cost of Rs.312000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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- The institution holds the right to recover or terminate the financial support if the proposed milestones are not achieved within the time period mentioned by the awardee.

With warm regards,

Chancellor





SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/129

5.10.2021

To

Dr.A.Murugan

Assistant Professor

Department of Electrical and Electronics Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Enhancement of Voltage Profile and Generation of Cost Function by Hybrid Power Flow Controller using Genetic Algorithm**" at a total cost of Rs.175000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,

Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/130

5.10.2021

To

Ms. Vanitha.S

Assistant Professor

Department of Civil Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Influence of Pre-treated Wastewater and Encapsulated Nanoparticles on Properties of Green Concrete**" at a total cost of Rs.96000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,

Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/131

5.10.2021

To

Ms.Chandini.R

Assistant Professor

School of Dental Sciences

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled **"In-vitro analysis on the potential use of dental pulp mesenchymal stem cells on arecoline-induced oral epithelial cells"** at a total cost of Rs.185000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,

Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/132

5.10.2021

To

Ms.Khadijah Mohideen

Associate Professor

School of Dental Sciences

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Malondialdehyde, an Oxidative Stress Marker in Oral Squamous Cell Carcinoma**" at a total cost of Rs.256000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/133

5.10.2021

To

Dr.M.V.Rajeswari

Associate Professor

Department of Chemistry

Dear Sir / Madam,

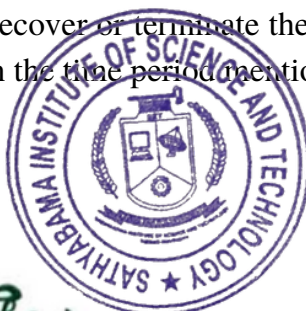
Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Exopolysaccharide from seaweed-associated Bacillus megaterium DSKPDF CMST3**" at a total cost of Rs.317000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/134

5.10.2021

To

Dr.T.Sasipraba

Professor

Department of Computer Science and Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Estimation of Higher Heating Value for MSW Using DSVM and BSOA**" at a total cost of Rs.462000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/135

5.10.2021

To

Dr.Manjunath Srinivas Kamath

Assistant Professor

Department of Chemistry

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Unraveling the potential of Gd doping on mullite $\text{Bi}_2\text{Fe}_4\text{O}_9$ for fiber optic ethanol gas detection at room temperature**" at a total cost of Rs.365000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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With warm regards,

Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/136

5.10.2021

To

Dr. Marykutty Abraham

Associate Professor

Department of Civil Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Phytochemistry, bioactive potential and chemical characterization of metabolites from marine microalgae**" at a total cost of Rs.265000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/137

5.10.2021

To

Dr.L.Stanley Abraham

Associate Professor

Department of Biotechnology

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Extraction and correlation of total phenolic and flavonoid contents in seaweeds collected from Rameshwaram**" at a total cost of Rs.315000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/138

5.10.2021

To

Dr.Sankar Ganesh Devaraj

Assistant Professor

Department of Physics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Analysis of phytochemical composition of leaf extract of sacred fig (Ficus religiosa L.) by UPLC-QqQ-MS**" at a total cost of Rs.275000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/139

5.10.2021

To

Dr.J.Jayaprabakar

Associate Professor

Department of Mechanical Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Diesel engine using copper oxide nanoparticles in palm oil biodiesel-diesel blends**" at a total cost of Rs.39000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/140

5.10.2021

To

Dr.Rekha Chakravarthi

Professor

Department of Electronics and Communication Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**BHGRP: Optimal Neighborhood Discovery in IOT Applications**" at a total cost of Rs.168000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/141

5.10.2021

To

Dr.M.S.Roobini

Assistant Professor

Department of Computer Science and Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Autonomous prediction of type 2 diabetes with high impact of glucose level**" at a total cost of Rs.192000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/142

5.10.2021

To

Dr.L.Sujihelen

Associate Professor

Department of Computer Science and Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Node Replication Attack Detection in Distributed Wireless Sensor Networks**" at a total cost of Rs.324000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/143

5.10.2021

To

Dr.S.L Jany Shabu

Associate Professor

Department of Computer Science and Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Trajectory Clustering and Query Processing Analysis Framework for Knowledge Discovery in Cloud Environment**" at a total cost of Rs.259000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/144

5.10.2021

To

Dr.P.Sardar Maran

Associate Professor

Department of Computer Science and Engineering

Dear Sir / Madam,

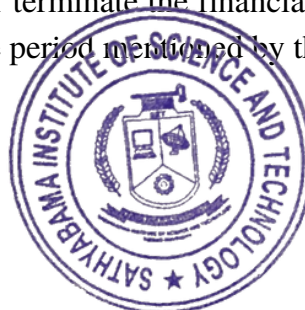
Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Skin Cancer Diagnosis using Subband Fusion of 3D Wavelets**" at a total cost of Rs.185000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/145

5.10.2021

To

Ms.Suja Ch. Mana

Assistant Professor

Department of Computer Science and Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Marine Fish Species Detection and Classification** " at a total cost of Rs.265000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/146

5.10.2021

To

Dr.K.Veena

Associate Professor

Department of Computer Science and Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Cyber Crime Detection**" at a total cost of Rs.310000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/147

5.10.2021

To

Dr.J.Hemanandh

Assistant Professor

Department of Mechanical Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Experimental testing and evaluation of coating on cables in container fire test facility**" at a total cost of Rs.250000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/148

5.10.2021

To

Dr.Swetha Sunkar

Associate Professor

Department of Bioinformatics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled **"Screen, predict and annotate human and chimpanzee PHEX intronic miRNAs, their gene targets, and regulatory interaction networks"** at a total cost of Rs.100000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/149

5.10.2021

To

Dr.P.Grace Kanmani Prince

Associate Professor

Department of Biomedical Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Intensity-based Brain Tumor Detection using Magnetic Resonance Images**" at a total cost of Rs.180000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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With warm regards,


Chancellor





SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/150

5.10.2021

To

Dr. Supriya.S

Associate Professor

Department of Chemistry

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Enhanced removal of Ni(II) from electroplating effluents using herbal biomass as alum substituents**" at a total cost of Rs.258000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
- You should not do any other business activity related to this innovation without the written consent of the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/151

5.10.2021

To

Dr.Kamaraj.T

Associate Professor

Department of Mathematics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Urea Glutaric Acid (2/1)- A Third Order Nonlinear Optical Single Crystal**" at a total cost of Rs.317000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/152

5.10.2021

To

Ms.Mary Metilda

Assistant Professor

Department of Mathematics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Array generating interval timed colored Petri net for effective security**" at a total cost of Rs.320000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/153

5.10.2021

To

Dr.C.Rameshkumar

Associate Professor

Department of Physics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Purification of tap water to drinking water using Nanobubbles technology**" at a total cost of Rs.165000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/154

5.10.2021

To

Dr.P.Malliga

Associate Professor

Department of Physics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Borate Family NLO Crystal for Photonic Applications**" at a total cost of Rs.90000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/155

5.10.2021

To

Mr.K.T.Ilayarajaa

Assistant Professor

Department of Electronics and Communication Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Embedded mobile computational framework for multidimensional diabetic retinopathy extraction and detection**" at a total cost of Rs.195000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,

Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/156

5.10.2021

To

Dr.Ebenezar Jebarani.M.R

Associate Professor

Department of Electronics and Communication Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Multitemporal Change Detection and Irregular Land Shape Area Measurement from Multispectral Sensor Images**" at a total cost of Rs.356000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
- You should not do any other business activity related to this innovation without the written consent of the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/157

5.10.2021

To

Dr.M.Sumathi

Professor

Department of Electronics and Communication Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Computerized Diagnostic Model in Classifying the Ovarian Cyst**" at a total cost of Rs.284000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,

Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/158

5.10.2021

To

Dr.Mathan.N

Assistant Professor

Department of Electronics and Communication Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Solution combustion synthesis of iron tungstate nanoparticles for photoelectrochemical water splitting towards oxygen evolution**" at a total cost of Rs.112000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,

Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/159

5.10.2021

To

Dr.Poonguzhali.S

Assistant Professor

Department of Electronics and Communication Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Design and performance analysis of smart photonic sensors for industrial applications**" at a total cost of Rs.175000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/160

5.10.2021

To

Dr.S.Poornapushpakala

Associate Professor

Department of Electronics and Communication Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Restoration of Tanjore Paintings using segmentation and in-painting techniques**" at a total cost of Rs.300000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/161

5.10.2021

To

Dr.V.Vijaya Baskar

Professor

Department of Electronics and Communication Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Integrated LTE and Wi-Fi Network Architecture with Authentication of User Equipment for Dropping off the Surplus Load of LTE**" at a total cost of Rs.96000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,

Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/162

5.10.2021

To

Dr.G.Sundari

Professor

Department of Electronics and Communication Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Grid-Based Routing Model for Energy Efficient and Secure Data Transmission**" at a total cost of Rs.252000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/163

5.10.2021

To

Dr.J.Barnabas Paul Gladly

Associate Professor

Department of Electrical and Electronics Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Multitarget Node Selection Scheme for Target Position Alteration Monitoring**" at a total cost of Rs.86000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/164

5.10.2021

To

Dr.M.Kavitha

Assistant Professor

Department of Electrical and Electronics Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Parameters optimization of dissimilar friction stir welding for AA7079 and AA8050 through RSM**" at a total cost of Rs.112000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/165

5.10.2021

To

Dr.S.Nirmal Raj

Associate Professor

Department of Electrical and Electronics Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Optimization of Energy and Security in Mobile Sensor Network**" at a total cost of Rs.365000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/166

5.10.2021

To

Ms.Eshanthini.P

Assistant Professor

Department of Civil Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Soil water assessment tool**" at a total cost of Rs.295000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/167

5.10.2021

To

Dr. Vengatesh

Assistant Professor

Department of Chemistry

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Band engineering of modified rhombohedral Cu₄Mn₂Te₄**" at a total cost of Rs.355000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/168

5.10.2021

To

Dr.Ajith Kumar

Assistant Professor

Department of Chemistry

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**CoGdxFe₂-xO₄ ($0.0 \leq x \leq 0.8$) Nanoferrites**" at a total cost of Rs.163000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/169

5.10.2021

To

Ms.Akr Santhosh Priya

Assistant Professor

School of Dental Sciences

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Synthesis of zinc chloride activated eco-friendly nano-adsorbent from food waste**" at a total cost of Rs.310000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
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Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/170

5.10.2021

To

Dr.Venkatesh.K.M

Assistant Professor

Department of Physics

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Molecular characterization and in silico analysis of caprine TCIM gene**" at a total cost of Rs.322000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/171

5.10.2021

To

Ms.Preethi Nandagopal

Assistant Professor

School of Dental Sciences

Dear Sir / Madam,

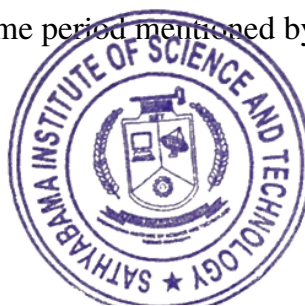
Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Real-time imaging and developmental biochemistry analysis during embryogenesis of Caridina pseudogracilirostris**" at a total cost of Rs.163000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
- You should not do any other business activity related to this innovation without the written consent of the Institution
- The innovators should inform the institution before he/she intends to apply for the patent of the design, process or product of the innovation
- Project Monitoring Committee will review the progress of the project and its implementation
- The complete project plan with clear milestones are to be submitted for the release of the fund
- The institution holds the right to recover or terminate the financial support if the proposed milestones are not achieved within the time period mentioned by the awardee.

With warm regards,

Chancellor





SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/172

5.10.2021

To

Dr.J.Baalamurugan

Assistant Professor

Department of Chemistry

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Removal of anionic dye Eriochrome Black-T using nanocomposites derived from slag**" at a total cost of Rs.257000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
- You should not do any other business activity related to this innovation without the written consent of the Institution
- The innovators should inform the institution before he/she intends to apply for the patent of the design, process or product of the innovation
- Project Monitoring Committee will review the progress of the project and its implementation
- The complete project plan with clear milestones are to be submitted for the release of the fund
- The institution holds the right to recover or terminate the financial support if the proposed milestones are not achieved within the time period mentioned by the awardee.

With warm regards,


Chancellor





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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/173

5.10.2021

To

Dr.G.Kalaiarasi

Assistant Professor

Department of Computer Science and Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Classifying Indian Medicinal Leaf Species Using Lcfn-Brnn Model**" at a total cost of Rs.350000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
- You should not do any other business activity related to this innovation without the written consent of the Institution
- The innovators should inform the institution before he/she intends to apply for the patent of the design, process or product of the innovation
- Project Monitoring Committee will review the progress of the project and its implementation
- The complete project plan with clear milestones are to be submitted for the release of the fund
- The institution holds the right to recover or terminate the financial support if the proposed milestones are not achieved within the time period mentioned by the awardee.

With warm regards,

Chancellor





SATHYABAMA

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/174

5.10.2021

To

Dr.Dillip Kumar Sahoo

Associate Professor

Department of Automobile Engineering

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled "**Microstructural grain development during inductive-based friction surfacing of aluminium**" at a total cost of Rs.162000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
- You should not do any other business activity related to this innovation without the written consent of the Institution
- The innovators should inform the institution before he/she intends to apply for the patent of the design, process or product of the innovation
- Project Monitoring Committee will review the progress of the project and its implementation
- The complete project plan with clear milestones are to be submitted for the release of the fund
- The institution holds the right to recover or terminate the financial support if the proposed milestones are not achieved within the time period mentioned by the awardee.

With warm regards,


Chancellor





SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

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SEED GRANT OFFER LETTER

Ref. No.: SIST/2021-22/ SG/175

5.10.2021

To

Dr.D.Adhavan

Associate Professor

Department of Chemistry

Dear Sir / Madam,

Sathyabama Institute of Science and Technology is pleased to offer you the Seed Grant for your proposed invention entitled **"Tube dwelling gastropod an indicator of coral reef status at the tropical reef of Palk Bay region, southeast coast of India"** at a total cost of Rs.250000.

Please review the below terms and conditions of the Seed Grant for receiving the anticipated financial support from us

- You will be required to maintain the confidentiality of your innovation and shall not disclose any information to any external entity without obtaining prior approval from the Institution
- You should not do any other business activity related to this innovation without the written consent of the Institution
- The innovators should inform the institution before he/she intends to apply for the patent of the design, process or product of the innovation
- Project Monitoring Committee will review the progress of the project and its implementation
- The complete project plan with clear milestones are to be submitted for the release of the fund
- The institution holds the right to recover or terminate the financial support if the proposed milestones are not achieved within the time period mentioned by the awardee.

With warm regards,


Chancellor

