

**G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE**  
(Autonomous) (For Women)  
**Research and Development Cell**

**SEED Grant Approved List – 2023-24**

**Dt : 01-12-2023**

The Expert Review Committee on SEED Grant program, recommended and approved the following proposals for financial support based on various factors, including the research, innovation, product, commercialization, feasibility, and potential impact.

S.No.	Application No	Title	PI's	CO-PI's	Dept	Duration	Scope	Research Area	Amount in Rupees
1	GNITS/R&D/S EED/2023/01	A Frame work for Automatic Feature extraction and Detection of River Networks	1. Dr. D.V.Lalitha Parameswari 2. Dr. G.Malini Devi	1.Ch. Radhika 2. M. Lalitha	CSE	12 months	Research & Product	AI & Deep Learning	1,09,000/-
2	GNITS/R&D/S EED/2023/02	An Intelligent Airbag for Fall Protection	T. Divya Kumari	1. V. Vikas 1. M. Anusha 2.E. Gouthami(EEE)	CSE	12 months	Product, Commercialization & Patent	AI & Deep Learning	35,000/-
3	GNITS/R&D/S EED/2023/03	Linguistic Horizons: Empowering Young Voices for a Brighter tomorrow	Dr. B. Sushma		H&M	12 months	Training & Commercial	Soft Skills	1,02,000/-
4	GNITS/R&D/S EED/2023/05	Synthesis of Methane and Mixed Gas Hydrates Using additives	Dr. I. Radhika	1. Ch. Arathi	BS	24 months	Product, Commercialization	Chemistry	2,40,000/-
5	GNITS/R&D/S EED/2023/06	GNITS Safety Supervision Control System for Detection and Identification of Vehicle Access at Entrance Gates Using Internet of Things	Dr. S. Ramacharan	1. Dr. A.Vijay Krishna 2. Dr.V.Sesha Bhargavi	IT	12 months	Product & Application	IOT	1,00,000/-
6	GNITS/R&D/S EED/2023/07	Performance Analysis of Short Packet Communication under Active Attacks	A. Sujatha Reddy	1. CH. Hari Prasad	ECE	18 months	Research Patent	Wireless Networks	2,10,000/-
7	GNITS/R&D/S EED/2023/08	Smart Kitchen Management System	Sri Padma Parupalli	1. B. Sreekanth Reddy	ECE	18 months	Product, Commercialization & Patent	AI	36,000/-

S.No.	Application No	Title	PI's	CO-PI's	Dept	Duration	Scope	Research Area	Amount in Rupees
8	GNITS/R&D/S EED/2023/9	Developing an Innovative Assistive Device for Enhanced Mobility and Independence	Dr. Raghavender K V	1. M. Anusha	CSE	12 months	Product, Commercialization & Patent	AI	1,00,000/-
9	GNITS/R&D/S EED/2023/10	Application of Natural Coagulants in Disinfection of Domestic Waste Water	O. Sujana	1. M. Shanthi 2. Dr. K. Syamala Devi	BS	24 months	Product & Patent	Water Technologies	1,27,385/-
10	GNITS/R&D/S EED/2023/11	AI based classroom monitoring for Student Behaviour and Activity Classification in the examination hall	1. Dr. B. Sasidhar 2. Dr. O. Obulesu	1.B.Amrita 2. T. Neha	CSE (AIML)	12 months	Product, Commercialization	AI & Deep Learning	1,02,789/-
11	GNITS/R&D/S EED/2023/12	Enhancing Grid-Connected PV Systems with ANFIS-Based Demand side Management	Dr. R. Nageswara Rao	1. P. Buchibabu 2. E. Gouthami 3. V. Badri Rama Krishnan 4. CH. Leela Krishna 5. P.V.S.S.A Parimala	EEE	24 months	Research, Patent & Application	Energy saving and Sustainability	4,00,000/-
12	GNITS/R&D/S EED/2023/13	Eye-Bot Eye Blink controlled Wheel chair for disabled and Elderly	V. Vikas	1.A. Chandra Shaker 2.V. Badri Rama Krishnan	ETE	36 months	Product, Commercialization	AI & Deep Learning	2,10,750/-
13	GNITS/R&D/S EED/2023/14	Development of Novel Benzimidazole Derived Schiff Base Transition Metal Complexes For Enhancing of Organic Light Emitting Diodes[OLEDs]	Dr. Pragathi Jogi	1.Dr.T.Charan Singh 2.Dr. K. Eshwari 3.Dr. Medha Bushan	BS	24 months	Research & Patent	Physics	1,85,000/-
<b>Total in Rupees</b>									<b>19,57,924/-</b>

*M Seetha*  
(Dr. M. Seetha)  
Dean R&D

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