



**VIGNAN's** INSTITUTE OF INFORMATION TECHNOLOGY  
(AUTONOMOUS)

(Approved by AICTE - New Delhi & Affiliated to JNTUK, Kakinada)  
Beside VSEZ, Duvvada, Vadlapudi Post, Gajuwaka, Visakhapatnam - 530 049.



### **3.1.2 Institution provides seed money to its teachers for research**

**Academic Year: 2018-19**



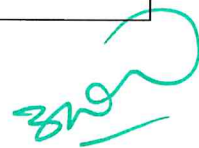
# VIGNAN's INSTITUTE OF INFORMATION TECHNOLOGY (AUTONOMOUS)

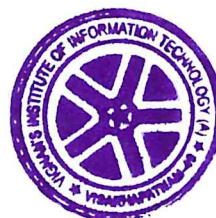
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## List of faculty who have been provided with seed money for research along with the title of the project, duration and amount during the year 2018-19.

S.No	Name of the teacher provided with seed money	Title	Duration
1	Dr.B.Prasda Rao	Design and Development of Navigation Grade Resonator Fiber Optic Gyroscope.	1 Year
2	Dr.T.V.Madhusudhana Rao	Classification and Detection of Skin Tones using Big Data Machine Learning Algorithms under rapidly varying illuminating conditions.	1 Year
3	Dr.B.Prasad	Event Driven Dynamic Traffic Routing Protocol (EDDTRP) based on Gradient search approach in Multi-Sink Wireless sensor Networks.	1 Year
4	Dr.Kranthi Kumar Gangu	Advanced photo oxidation processes for the degradation of some emerging contaminants in waste water.	1 Year
5	Mrs.K.K.Deepika	Adaptive PI controller using electric spring for power quality improvement.	1 Year
6	Dr.B.Sateesh	Alcoholic Beverage Brewing Bot.	1 Year
7	Mr.M.P.V.V.Bhaskar Rao	Anisotropic minimally interacting dark energy models with cosmic strings and a massive scalar field.	1 Year
8	Mr.Stephen.E	3D CNN for lung cancer detection using improvised Grad-Cam for visual insights.	1 Year

9	Dr.G.Rajendra Kumar	Diagnosis of Epilepsy and Classification of EEG signals for Brain and Computer Interface	1 Year
10	Dr.P.SivaPrasad	Evaluate the Impact of SHGs (Self Help Groups) on development of Rural women: Evidences from Visakhapatnam	1 Year
11	Dr.Ch.V.V.Ramana	Carbon nanomaterials, composites based memory devices	1 Year
12	Mr.Ch.Siva Ramakrishna	ARDUINO Based Home Automation Using Mobile.	1 Year
13	Dr.Ch.Gangu Naidu	Multi-analyte based molecularly imprinted polymers for the quantitative evaluation of multi-class multi-residue analytes in complex matrices of food, environmental and biological interest	1 Year

  
Principal



**PRINCIPAL**  
**VIGNAN'S INSTITUTE OF**  
**Information Technology (A)**  
Beside: VSEZ, Duvvada, Visakhapatnam-530 015