



## VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Approved by AICTE, New Delhi, Affiliated to JNTUH, NIRF(2020) 127 Rank in engineering Category  
Recognized as "College with Potential for Excellence" by UGC  
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### Department of Humanities & Sciences

#### List of Patents and Status

S.No	Investigator Name	Title of the Patent	Status (Filed/published/granted) & Patent File Number	Indian/ International
1	Dr. Linganaboina Srinivasa Rao	Development of bismuth borate glasses co-doped with small concentrations of manganese oxide and zirconium oxide nanoparticles suitable for luminescent materials	Published (Patent Application No. 202141008364.)	Indian
2	Dr. K. S. Rudramamba	A series capacitive compensation technique with design based iterative algorithm for mitigation of ferranti effect	Published	Indian
3	Dr. E. Prasad	Mathematical modelling and internet of things-based patient health monitoring system	Published-202241028401	Indian
4	Dr.R.Srilatha	An Approach for solving Differential Equations and Variational problems based on python elvet NN	Published:202214031513A	Indian
5	Dr.E.Prasad	Two -temperature magneto-thermoelasticity for heat conductivity	Published:202241026851	Indian
6	Dr.N.Pothanna	Effect of Image processing and parallal structure using five directional partial derivatives	Published:202241037470	Indian
7	Dr.T.Rajani	Meso, Micro, and Nano Particulate Filled Shape-Memory Polymers	19 May 2022	Internaational
8	Ashok Bhogi	Wet Synthesis Methods of Shape-Memory Polymer Composites	19 May 2022	Internaational