



VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCE

Near Ramoji Film City, Deshmukhi (V), Yadadri Bhuvanagiri Dist., Telangana - 508 284.

Approved by AICTE, New Delhi, Affiliated to JNTUH, Hyderabad

EAMCET CODE : VGNT

PGE CET CODE : VGNT 1



3.3.2: Number of research papers per teachers in the Journals notified on UGC website during the last five years

The Link for Additional Information in the College Website

Publications

S.No.	Department	Website Link
1	Civil Engineering	https://vignanits.ac.in/academics/departments/civil-engineering/#ce-sec6
2	Electrical & Electronics Engineering	https://vignanits.ac.in/academics/departments/electrical-and-electronics-engineering/#ce-sec6
3	Mechanical Engineering	https://vignanits.ac.in/academics/departments/mechanical-engineering/#ce-sec6
4	Electronics & Communication Engineering	https://vignanits.ac.in/academics/departments/electronics-and-communication-engineering/#ce-sec6
5	Computer Science Engineering	https://vignanits.ac.in/academics/departments/computer-science-engineering/#ce-sec6
6	Electronics & Instrumentation Engineering	https://vignanits.ac.in/academics/departments/electronics-instrumentation-engineering/#ce-sec5
7	Basic Science & Humanities	https://vignanits.ac.in/basic-sciences-humanities-1/

Patents Published by the Institute

S. No.	APPLICATION NO	TITLE OF INVENTION	NAME OF THE INVENTORS	STATUS	Link
1	201841013749	Intelligent Embedded priority based energy management system method	Gadwala Durga Sukumar Malkapuram Ramakrishna Kalahasthi Rakesh Tej Kumar	Published	https://drive.google.com/file/d/1w7jdFIsjXKp9Yd2jMkij7eO0Hwfc9IbQ/view?usp=sharing
2	201841020769	High performance low power (HPLP) computer vision based real-time driver fatigue detection method and alert system	Dr. Vijayalaxmi	Published	https://drive.google.com/file/d/1lsfR4FX5GJkDZPJB0wYN7GKjqsRrHc4V/view?usp=sharing
3	201841049124	Hygienic Automated Food Processing Machine (HAFPM) Using Pneumatics Through PLC	Dr. N. Dinesh Kumar, Mr Ch V B Aditya Kumar, Dr P A Harshavardhini, Mrs N Koteswaramma, Mr K Murali Chandra Babu	Published	https://drive.google.com/file/d/1BDYhCTLFz16l6YX4hr50f-xrdqEF8GxZ/view?usp=sharing
4	201941016300	“NFLCV-MACHINING: NANO FLUID AS LUBRICANT TO CONTROL THE VIBRATION IN MACHINING “	DR.B.SINGARAVEL DR. PRABHAKARA RAO GANJU PROF. DR. S.B. CHORDIYA PROF. PIYUSH ASHOKRAO DALKE	Published	https://drive.google.com/file/d/1mc0iUpPqsgDHW7RWhy_dHVWwurdDlccz/view?usp=sharing

5	201941029200	ED-MACHINE: NANO POWDER MIXED VEGETABLE OIL AS DIELECTRIC FLUID COUPLED WITH CRYOGENICAL LY TREATED ELECTRODE AND BIO THINNER FOR ENHANCEMEN T OF PROCESS PERFORMANC E IN ELECTRICAL DISCHARGE MACHINING	DR.B.SINGARAVEL MR.K.MANGAPATHI RAO DR. VINAY KUMAR DOMAKONDA DR.K.CHANDRA SHEKAR DR.S.DEVA PRASAD DR. SYED MUJAHED HUSSAINI MR.N.VENKATESHW ARALU DR. M.MOHAMMED ASIF	Published	https://drive.google.com/file/d/10BSATAodXKxkM327cHS3INMyzmU3f_Ci/view?usp=sharing
6	201941030919	IWF- JACKET:INTEL LIGENT BULLET PROOF, WI-FI CONTROL JACKET	Dr.J.R.V.JENY	Published	https://drive.google.com/file/d/1-64KYukcAf149chK-2QMS9zMXGEVQ6Ji/view

7	201941031853	IT- TURNING PROCESS: INTELLIGENT IMAGE PROCESSING TECHNOLOGY FOR TEXTURED CUTTING TOOL WEAR MEASUREMENT IN TURNING PROCESS.	B.Singaravel and Ch. Divya	Published	https://drive.google.com/file/d/1R4kwTaWQmwsnsxJhaal_su8JChuwsG4/view?usp=sharing
8	201941042825	A System and a Method to Automatically Wash and Chop Fruits, Vegetables and other Edibles	Dr. N. Dinesh Kumar, Dr P A Harshavardhini, Mr Vikas Kumar Tiwari, Dr P Sandeep	Published	https://drive.google.com/file/d/1FUF3mM2kCV0MH95Hyif13xWzgn_3dmsh/view?usp=sharing
9	201941042830	A Wearable Safety Device And A Method to Operate the Same	Dr. N. Dinesh Kumar, Mr P Upendar, Dr S Prasanna, Dr. P A Harshavardhini	Published	https://drive.google.com/file/d/11ZCwfZ73Zlni9JJ1hZvAj3qGsM4wRuw2/view?usp=sharing
10	201941042837	Automated Monitoring System for Sewer Drainage and Early-alert Generation of one or more Events	Dr. N. Dinesh Kumar, Dr J Venkateswara Rao, Ch V B Aditya Kumar	Published	https://drive.google.com/file/d/1xqy_Qn9oc-Y262E1NibScgbnmIfGqs23/view?usp=sharing

11	201941047511	A SYSTEM AND METHOD TO IMPROVE THE PERFORMANCE INDEX IN TRANSPORT PROCESS BY USING ARTIFICIAL NEURAL NETWORKS	Dr. VAKA MURALI MOHAN Dr. KANAKA DURGA RETURI Dr. C. SRINIVASA KUMAR K. S. R.K. SARMA U. MAHENDER VIKAS BANDARU KOGILA RAGHU	Published	https://drive.google.com/file/d/19ho3qT9VW1cm1W7x7YqCEKPphEf8sh61/view?usp=sharing
12	201941051519	MPT-DETECTION :MEDICAL PROBLEMS DETECTION USING MACHINE LEARNING, DEEP LEARNING CONCEPT	Dr.KAUSHIK, Dr.J.R.V.JENY, Dr.CHANDANA	Published	https://drive.google.com/file/d/1VOW6hGN-5JUee4m9AoJI0Ud_xZCslNi/view?usp=sharing
13	202041003436	ADVANCED MEDICAL OBSERVATION CARE USING BLOCKCHAIN TECHNOLOGY	Dr.J.R.V.JENY, Dr.KAUSHIK, Dr.CHANDANA	Published	https://drive.google.com/file/d/1XbVxAevO7v2Svwfn-ROeQkxAsmjdSyRT/view?usp=sharing
14	202041006598	TRIANGULAR PAIR OF SOLAR PHOTO-VOLTAIC PANELS WITH	Dr. PAKKIRIAH B Dr. G. Durgasukumar Dr. J. Praveen	Published	https://drive.google.com/file/d/17vF_WwwFFxAeh-Si_7rHhW9T77rcjSMs/view?usp=sharing

		ROTATING GEAR MECHANISM			
15	202041006657	Effective density based clustering methods for streaming data	Dr.P.Kiran Kumar	Published	https://drive.google.com/file/d/1sOZMTLSzgzXXrxz-Akj-MN-pXgpQXvGR/view?usp=sharing
16	202041010691	Solid lubrication is an alternative to hydrocarbon oil based cutting fluid in turning process	B.Singaravel and Ch. Divya	Published	https://drive.google.com/file/d/17I9Ey0cdqHnAyhVNTZfM0ge_ofZGWJkB/view?usp=sharing
17	202041044246	Real-Time Non-Intrusive Driver Fatigue Detection And Alert System	Dr.Vijayalaxmi	Published	https://drive.google.com/file/d/19F0-WdyYP7yr-ci4NXwmSYA9OGd_PAQl/view?usp=sharing
18	202041047507	Distributed system rendition with single distributed generation sources by network concert improvement inventory	Burri Ankaiah K.Lokeshwara Rao N. Himabindu Dr. Rajashekar P Mandi Dr. Santoshkumar Hampannavar Dr. T. Rama Subba Reddy	Published	https://drive.google.com/file/d/1pLjUAI4JNoJIf1oIf24PwT3A1VwqTJiq/view?usp=sharing

19	202041055099	Flexible Spacesuit Hand Gloves	Dr N.Murali Krishna	Published	https://drive.google.com/file/d/1BUd-GsRhJ11Pa51D_HCu-0hQdceGZ30k/view?usp=sharing
20	202041033235	A User-authentication Based Coin-operated Rice Dispensing System	Dr. N. Dinesh Kumar, Dr. G. Durga Sukumar	Filed	