



Estd. 1995

VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

An Autonomous, ISO 9001:2015 & QS I-Gauge Diamond Rated Institute, Accredited by NAAC with 'A++' Grade
NBA Accreditation for B.Tech. CE, EEE, ME, ECE, CSE, EIE, IT Programmes
Approved by AICTE, New Delhi, Affiliated to JNTUH, NIRF 135th Rank in Engineering Category
Recognized as "College with Potential for Excellence" by UGC
Vignana Jyothi Nagar, Pragathi Nagar, Nizampet (S.O), Hyderabad – 500 090, TS, India.
Telephone No: 040-2304 2758/59/60, Fax: 040-23042761
E-mail: postbox@vnrjiet.ac.in, Website: www.vnrjiet.ac.in



LIST OF PATENTS PUBLISHED /EXAMINATION/GRANTED BY THE DEPARTMENT OF EEE

S.No.	Names of the faculty members	Title of the Patent	File Number	Status of the Patents/Books/Book chapters
1.	Dr. M. Ramamoorthy, Dr. G. S. Raju, Dr. K. Anuradha and Dr. Ravi Kumar	A Passive Filter Configuration to Reduce THD Produced by Non-Linear Loads	2029/CHE/2011 Dated: 21-12-2012	First report received on 25-05-18 and compliance to examiners report is submitted on 25-02-19. The present status in Amended stage.
2.	Dr. M. Ramamoorthy, Dr. G. S. Raju, Dr. K. Anuradha, Mr. G. Sasi Kumar, and Mr. A. A. Rajeshwar	A DC-To-DC Converter Configuration by Soft Switching Devices	2028/CHE/2011 Dated: 21-12-2012	First report received on 29-05-18 and compliance to examiners report is submitted on 28-02-19. The present status in Amended stage.
3.	Dr. Pasula Naresh, Mrs. P. Geethanjali, Mr. D.S.G. Krishna and Mrs. R. Geshma Kumari	Multi-Branch Resonant Converter Based DC Power Supply for Diversified Applications	202141033947 A Dated: 06-08-2021 (Publication) Dated: 20-09-2021 (RQ Filed)	Under Examination



Estd.1995

VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

An Autonomous, ISO 9001:2015 & QS I-Gauge Diamond Rated Institute, Accredited by NAAC with 'A++' Grade
NBA Accreditation for B.Tech. CE, EEE, ME, ECE, CSE, EIE, IT Programmes
Approved by AICTE, New Delhi, Affiliated to JNTUH, NIRF 135th Rank in Engineering Category
Recognized as "College with Potential for Excellence" by UGC
Vignana Jyothi Nagar, Pragathi Nagar, Nizampet (S.O), Hyderabad – 500 090, TS, India.
Telephone No: 040-2304 2758/59/60, Fax: 040-23042761
E-mail: postbox@vnrjiet.ac.in, Website: www.vnrjiet.ac.in



LIST OF PATENTS PUBLISHED /EXAMINATION/GRANTED BY THE DEPARTMENT OF EEE

S.No.	Names of the faculty members	Title of the Patent	File Number	Status of the Patents/Books/Book chapters
4.	Dr. Venu Yarlagadda, Dr. Nireekshana Turaka, Dr .Giri Prasad Ambati, Dr.Srinivasa Rao Jalluri, Dr. Shiva Prasad Edara, Dr.Bhavani Jupalli, Mr. Sasi Kumar Gedela, Mr. Devulal Bhukya and Mr. Sivaji Bandi	Self- Excited Synchronous Generator (Sesg) Without D.C Excitation	202141010194 A Dated: 19/03/2021 (Indian Patent)	Published
5.	Dr. Rajashekar Patil, Dr. Bharath V G, Devaraj E, R Vara Prasad Kaviti, Dr. Shaik Dilkush, Dr J Viswanatha Rao, Dr Girish D P, Dr. Manjunath Gowda M.R and Kiran Gowd M.R	Development of Megawatt Wind Turbine for Optimal Management of Smart Agricultural Farms	2021101573 Date: 27-03-2021 (Australian Patent)	Published
6.	Dr. K. Sudha Rani, Dr. R. Manjula Sri, Dr.T.Nireekshana, Dr. Shuchi Tiwari, Mrs.K.Mani Kumari, Dr. N. Sandhya, Dr. Mangathayaru, Mr.K.Vijay Chandra, Mr.Naregalkar Akshay, Dr.A.Giri Prasad	Motorized Ankle Foot Driven Customized Prosthetic Leg with Exoskeleton	202141016519 Date: 23/04/2021 (Indian Patent)	Published



Estd. 1995

VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

An Autonomous, ISO 9001:2015 & QS I-Gauge Diamond Rated Institute, Accredited by NAAC with 'A++' Grade
NBA Accreditation for B.Tech. CE, EEE, ME, ECE, CSE, EIE, IT Programmes
Approved by AICTE, New Delhi, Affiliated to JNTUH, NIRF 135th Rank in Engineering Category
Recognized as "College with Potential for Excellence" by UGC
Vignana Jyothi Nagar, Pragathi Nagar, Nizampet (S.O), Hyderabad – 500 090, TS, India.
Telephone No: 040-2304 2758/59/60, Fax: 040-23042761
E-mail: postbox@vnrjiet.ac.in, Website: www.vnrjiet.ac.in



LIST OF PATENTS PUBLISHED /EXAMINATION/GRANTED BY THE DEPARTMENT OF EEE

S.No.	Names of the faculty members	Title of the Patent	File Number	Status of the Patents/Books/Book chapters
7.	Dr. Venu Yarlagadda, Mr. Sivaji Bandi Dr. D. Ravi Kumar Dr .Giri Prasad Ambati and Dr. Shiva Prasad Edara	Method And Implementation Of For Mitigating Voltage Sag And Swell In Distributed System With Under/Over Voltage Relay Based Compensators	202141039969 A Dated: 10/09/2021 (Indian Patent)	Published
8.	Dr. Venu Yarlagadda, Dr .Giri Prasad Ambati Mr. G. Lakshminarayana and Dr. D. Ravi Kumar	A. Novel FACTS (Flexible Alternating Current Transmission Systems) Device "Gate Turn Off Thyristor Controlled Static Shunt Compensator" (GCSSC) To Enhance Power System Stability And Power Trasfer Capability Of Both Transmission And Distribution Systems	202141045365	Communicated on 06-10-2021