



## GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

KOMMADI, MADHURAWADA, VISAKHAPATNAM - 530 048

(APPROVED BY AICTE, NEW DELHI, AFFILIATED TO ANDHRA UNIVERSITY, VISAKHAPATNAM)

(ACCREDITED BY NATIONAL BOARD OF ACCREDITATION [NBA] FOR B.TECH CSE, ECE AND IT - VALID FROM 2019-22 AND 2022-25)

(ACCREDITED BY NATIONAL BOARD OF ACCREDITATION[NBA] FOR B.TECH EEE VALID FROM 2023-24 TO 2025-2026)

(ACCREDITED BY NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL [NAAC] WITH A GRADE- VALID FROM 2022-27)

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### Patents Published/ Granted during 2022

Sl. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication Number / Patent Granted Number	Assignee/s Name (Institute Affiliation/s at time of Application)
1	202241075280A	Published	1. Prof. K. Raja Rajeswari 2. Mrs. N.Roopa Vathi 3. Dr.B.Leelaram Prakash	A SYSTEM FOR COMPOSITE WAVEFORM OF (GAUSSIAN AND RAYLEIGH) DISTRIBUTION FOR NLFM GENERATION AND METHOD THEREOF	1. Prof. K. Raja Rajeswari 2. Mrs. N.Roopa Vathi 3. Dr.B.Leelaram Prakash	25-Dec-2022	30-Dec-2022	The Patent Office Journal No. 52/2022	GVP College of Engineering for Women, Madhurawada, Visakhapatnam, Andhra Pradesh, India.
2	202241068079A	Published	1. Krishna Molli 2. Dr. P. Ajay D Vimal Raj 3. Dr. N. P. Subramaniam	SOLID-STATE TRANSFORMER-BASED MULTILEVEL INVERTER	1. Krishna Molli 2. Dr. P. Ajay D Vimal Raj 3. Dr. N. P. Subramaniam	25-Nov-2022	23-Dec-2022		GVP College of Engineering for Women, Madhurawada, Visakhapatnam, Andhra Pradesh, India.
3	202241059871A	Published	Prof. K. Raja Rajeswari	A NEW FIGURE OF MERIT FOR PULSE COMPRESSION RADAR	Prof. K. Raja Rajeswari	19-Oct-2022	18-Nov-2022	The Patent Office Journal No. 46/2022	GVP College of Engineering for Women, Madhurawada, Visakhapatnam, Andhra Pradesh, India. Pin Code: 530048
4	202241011385 A	Published	1. Balaji. D 2. Dr. L. V. Suresh Kumar 3. Dr. CH. Pradeep Reddy 4. Dr. Y. V. Pavan Kumar 5. Dr. D. John Pradeep 6. Dr. Devendra Potnuru 7. Dr. Surekha Lanka 8. Dr. N. Mohan Krishna Varma	SEE-SAW PNEUMATIC PIEZO AND SOLAR ENERGY GENERATION MECHANISM OPTIMISED USING ARTIFICIAL INTELLIGENCE	1. Balaji. D 2. Dr. L. V. Suresh Kumar 3. Dr. CH. Pradeep Reddy 4. Dr. Y. V. Pavan Kumar 5. Dr. D. John Pradeep 6. Dr. Devendra Potnuru 7. Dr. Surekha Lanka 8. Dr. N. Mohan Krishna Varma	3-Mar-2022	18-Mar-2022	The Patent Office Journal No. 11/2022	GVP College of Engineering for Women, Madhurawada, Visakhapatnam, Andhra Pradesh, India. Pin Code: 530048
5	202241006256A	Published	Prof. Raj Kumar Goswami	TRELLIS CODED MODULATION SYSTEM FOR IMPROVED BIT ERROR RATE IN FADING CHANNELS	Prof. Raj Kumar Goswami	5-Feb-2022	11-Feb-2022	The Patent Office Journal No. 06/2022	Gayatri Vidya Parishad College of Engineering for Women, Kommadi, Madhurawada, Visakhapatnam-530048.



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### Patents Published/ Granted during 2021

Sl. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication Number / Patent Granted Number	Assignee/s Name (Institute Affiliation/s at time of Application)
6	202141012214 A	Published	1. Dr Balaji D 2. Dr Jarabala Ranga 3. Mr G.Balu Narasimha Rao 4. Mr.K.Venkateswar Rao 5. Dr D Srilatha 6. <b>Dr R V S Lakshmi Kumari</b> 7. Mrs S V R Lakshmi Kumari 8. Mr Moturuseshu	AN AI ABETTED GREEN ENERGY GENERATING SYSTEMS	1. Dr Balaji D 2. Dr Jarabala Ranga 3. Mr G.Balu Narasimha Rao 4. Mr.K.Venkateswar Rao 5. Dr D Srilatha 6. <b>Dr R V S Lakshmi Kumari</b> 7. Mrs S V R Lakshmi Kumari 8. Mr Moturuseshu	22-Mar-2021	2-Apr-2021	The Patent Office Journal No. 14/2021	Gayatri Vidya Parishad College of Engineering for Women, Kommadi, Madhurawada, Visakhapatnam-530048.
7	202141000128 A	Published	1. Dr D Srilatha 2. <b>Dr R V S Lakshmi Kumari</b> 3. Mr. B. Srinivasaraju 4 . Mr. Umamaheswararao Mallepula 5 . Mr. Katta Deevan Kumar 6 . Dr. K. Venkateswara Rao	SOLAR PANEL ROTATION SYSTEM: AUTOMATIC SOLAR PANEL ROTATION SYSTEM	1. Dr D Srilatha 2. <b>Dr R V S Lakshmi Kumari</b> 3. Mr. B. Srinivasaraju 4 . Mr. Umamaheswararao Mallepula 5 . Mr. Katta Deevan Kumar 6 . Dr. K. Venkateswara Rao	3-Jan-2021	22-Jan-2021	The Patent Office Journal No. 04/2021	Gayatri Vidya Parishad College of Engineering for Women, Kommadi, Madhurawada, Visakhapatnam-530048.



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### Patents Published/ Granted during 2020

Sl. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication Number / Patent Granted Number	Assignee/s Name (Institute Affiliation/s at time of Application)
8	202041046063 A	Published	1. Devendra Potnuru 2. Mudadla Dhananjaya	A CIRCUIT AND A METHOD FOR DIRECT CURRENT- DIRECT CURRENT (DC-DC) CONVERSION	1. Devendra Potnuru 2. Mudadla Dhananjaya	22-Oct-2020	13-Nov-2020	The Patent Office Journal No. 46/2020	Gayatri Vidya Parishad College of Engineering for Women, Kommadi, Madhurawada, Visakhapatnam-530048.
9	202031024135 A	Published	1. Pof.(Dr.) Sunil Kumar Dhal 2. Dr Srinivas Prasad 3. Dr D Haritha 4. Dr. Rabinarayan Satpathy 5. Dr. Dwiti Krishna Bebarta	AI BASED METHOD AND APPARATUS FOR STAMPING DRIVING ASSISTANCE BASED SIGNS ON A ROAD	1. Pof.(Dr.) Sunil Kumar Dhal 2. Dr Srinivas Prasad 3. Dr D Haritha 4. Dr. Rabinarayan Satpathy 5. Dr. Dwiti Krishna Bebarta	9-Jun-2020	9-Oct-2020	The Patent Office Journal No. 41/2020	Gayatri Vidya Parishad College of Engineering for Women, Kommadi, Madhurawada, Visakhapatnam-530048.
10	202041010225 A	Published	1. Jayavani Vankara 2. Dr.N.Sharmili 3. T. Sunitha 4. Anusha Pureti 5. V. Siva Parvathi	REMAINDER DATA SEGREGATION SYSTEM FOR SMART WEARABLE DEVICE	1. Jayavani Vankara 2. Dr.N.Sharmili 3. T. Sunitha 4. Anusha Pureti 5. V. Siva Parvathi	9-Mar-2020	13-Mar-2020	The Patent Office Journal No. 11/2020	Gayatri Vidya Parishad College of Engineering for Women, Kommadi, Madhurawada, Visakhapatnam-530048.