



# VARDHAMAN COLLEGE OF ENGINEERING (AUTONOMOUS)

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Kacharam, Shamshabad, Hyderabad – 501218, Telangana, India

## Department of Electronics and Communication Engineering AY 2022-23 Patents Granted/Published/Filed

S. No.	Title of the Patent	Name of the Faculty	Patent no	Application Date /Publication Date	Name of Applicant institute
1	BIOMEDICAL INFERENCE FOR THERAPEUTIC TREATMENT OF PERSON SUFFERING FROM VENTRICULAR FIBRILLATION AND HEART RELATED DISEASE	Dr. M. Naresh Kumar Dr.M.Rajanidevi Dr. G A E Satish Kumar Mrs.A.VijayaLakshmi Dr.D.Praveen Kumar Mrs.M.Srilatha	Application No. 202241037609 A	Date of filing of Application :30/06/2022 Publication Date : 22/07/2022	Vardhaman college of engineering
2	DESIGN OF BUTTON ANTENNA FOR WIRELESS BODY NETWORK USING HFSS.	Dr. P. Nageshwara Rao Dr.Sulakshana Chilukuri Mrs. V. Harini Mr. K.H. Murali Mr. Ch. Rama Krishna Mr. P. Bhargava	Application No. 202241046221 A	Date of filing of Application :13/08/2022 Publication Date : 26/08/2022	Vardhaman college of engineering
3	ADVANCED VLSI-CHIP DESIGN AND PRODUCTION PROCESS	Dr. S.Karunakaran Dr. Rajendar Sandiri Dr.A.Pramod Kumar Dr.P.Kalyani Mrs. Sangeeta Singh Ms.C.Padmini Mr.Nagarjuna Malladhi Mr.R.Phani Vidyadhar Dr.B.Srikanth Dr.I. Babu Mr.Tareeq Zaid	Application No. 202241052157	Date of filing of Application :13/09/2022 Publication Date : 23/09/2022	Vardhaman college of engineering
4	DESIGN OF SMARTER SYSTEM TO ANALYSE THE VARIOUS FACTORS RESPONSIBLE FOR CAUSING AIR POLLUTIONS AND THEIR IMPACT ON ECOLOGICAL BALANCE	Dr J Krishna Chaitanya M Gopi Krishna V. Jyothi M. Srilatha J. Swetha Priyanka A. Jaya Lakshmi S. Srinivas T. Ramakrishnaiah Dr. M. Naresh Kumar	Application No. 202241052151	Date of filing of Application :13/09/2022 Publication Date : 23/09/2022	Vardhaman college of engineering
5	IMPROVED CYBER SECURITY USING MACHINE LEARNING	Dr. S.Karunakaran Dr. Rajendar Sandiri Dr.A.Pramod Kumar Dr.P.Kalyani Mrs. Sangeeta Singh Ms.C.Padmini Mr.Nagarjuna Malladhi Mr.R.Phani Vidyadhar	Application No. 202241052150	Date of filing of Application :13/09/2022 Publication Date : 23/09/2022	Vardhaman college of engineering

S. No.	Title of the Patent	Name of the Faculty	Patent no	Application Date /Publication Date	Name of Applicant institute
		Dr.B.Srikanth Dr.I. Babu Mr.Tareeq Zaid			
6	PREDICT THE OCCURRENCE OF CANCER BASED ON BLOOD IMAGING MODALITIES BY USING DEEP LEARNING TECHNIQUES	A. Jayalakshmi T. Ramakrishnaiah S. Srinivas J. Swetha Priyanka V. Jyothi Dr J Krishna Chaitanya M. Srilatha M Gopi Krishna Dr. M. Naresh Kumar	Application No. 202241052154	Date of filing of Application :13/09/2022 Publication Date : 23/09/2022	Vardhaman college of engineering
7	RAIN AND ACCIDENTS SENSING CAR WIPER AND LOCATION USING IOT-BASED NOTIFICATION	Dr. GAE Satish Kumar Dr D Krishna Dr D Nagajyothi Dr R Sumalatha Dr N Hathiram Dr D Praveen Kumar Ms. S. Sujana Mrs K Ashwini	Application No. 202241052152	Date of filing of Application :13/09/2022 Publication Date : 23/09/2022	Vardhaman college of engineering
8	DESIGN OF MICROSTRIP PATCH FOR SPECTRUM UTILIZATION OF COGNITIVE RADIO NETWORKS	Dr. P. Nageswara Rao Dr. GAE Satish Kumar Dr. Sulakshana Chilukuri M Nagarjuna R . Phani Vidyadhar Dr. I Babu	Application No. 202241050431 A	Date of filing of Application :03/09/2022 Publication Date : 16/09/2022	Vardhaman college of engineering
9	AUTOMATED IV FLUID CONTROL MECHANISM	Ms. Vishalini Dr. M Naresh Kumar Dr. R Chitra Kala	Design No. 347880-001	Granted Date :Date of Issue 17/05/2023	-
10	FLUID BOTTLE	Ms. Vishalini Dr. M Naresh Kumar Dr. R Chitra Kala	Design No. 347881-001	Granted Date :Date of Issue 17/05/2023	-
11	DESIGN AND DEVELOPMENT OF HEAVY DRONE FOR FIRE FIGHTING OPERATION	Dr.M.Sushanth Babu Dr. G. Dhanalakshmi Dr. Praveen Kumar Mrs. P. Sravani Dr. S. Dinesh Kumar Dr.V.Vijayabhasker Dr.G.Sreenivas Mr. N. Koushik	Application No.202241051889 A	Date of filing of Application :12/09/2022 Publication Date : 23/09/2022	

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