

IPRs -2020

INDEX

1	Faculties granted with patents.
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2	Faculties applied for patents.
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PATENTS GRANTED

- 1 The **Indian Patent** is granted to **Dr.R.Jayagowri, Assoc.Professor, Department of ECE** and **Ms. Maithri.U.K.Shetty (PG – Student then, now Alumni)** for the invention entitled **“1 PIXEL/1 CLOCK THROUGHPUT MODIFIED MEDIAN ADAPTIVE PREDICTOR FOR VESA DSC ENCODER”**.

Patent number:347212, Patent application type: Innovation,
Term of Patent: 20years

- 2 The **Australian Patent** is granted to **Mrs. S Lalitha, Mr. H.H. Surendra, Mrs. H. R. Archana, Mr. K. N.Madhusudhan, Asst. Professors**, for the invention entitled **“AUTOMATIC DIABETIC RETINOPATHY DETECTION AND ESTIMATION FROM MULTISPECTRAL IMAGES USING MACHINE LEARNING ALGORITHMS”**.

Application number: 2020100868, Patent application type: Innovation,
Term of Patent: Eight years from 28 May 2020.

PATENTS FILED

- 1 Anitha. S. SASTRY, **Dr. S. Akhila**, Arjun ananthaiah, A. L. Santosh kumar, Aravind kumar.S, Prakash. M, applied for patent titled **“INTELLIGENT GESTURE CONTROL MULTIFUNCTION ROBOTIC LIMB USING MUSCLE SENSOR”**.

APPLICATION NUMBER:202041047848 and PUBLICATION DATE (U/S 11A):
13/11/2020

- 2 **Dr. S AKHILA** , **Dr. Veena M. B**, Sowmya Sunkara, Ashwini V, Harshitha B, applied for patent with the title **“AMPI- HAZARDOUS & NON-HAZARDOUS WASTE MANAGEMENT: AUTOMATIC METHOD AND PROCESS MANAGEMENT FOR INDUSTRIAL HAZARDOUS AND NON-HAZARDOUS WASTE USING IOT- BASED TECHNOLOGY”** .

APPLICATION NUMBER:202041042892 and PUBLICATION DATE (U/S 11A):
09/10/2020

PATENTS FILED

- 3 **Mr. Madhusudhan K N, Dr.S.G.Shivaprasad Yadav, Dr. P. Sakthivel**, applied Indian Patent titled **“SECURE DIRECT MESSAGING AND HEALTH INFORMATION EXCHANGE (HIE) USING BLOCKCHAIN TECHNOLOGY”**,

Date of filing of Application :22/05/2020, Application No.202041021694 A, Publication Date : 05/06/2020, The Patent Office Journal No. 23/2020 Dated 05/06/2020, Page no. 21202. Status: Filed

- 4 **Mrs. Jisha P, research scholar under guidance of Dr. Suma M S**, filed patent titled **“A PORTABLE DEVICE FOR DETECTING MALARIA INFECTION”**

Application no: 202041013483 TEMP/E-1/14577/2020-CHE.

PATENTS FILED

5 **Dr. Veena M B, Cyril Prasannaraj, Girish.N** patent applied on "A METHOD FOR PERFORMING OFDM MODULATION AND DEMODULATION BASED ON DTCWT WITH N SUB CARRIERS DESIGNED USING PIPELINED-FOLDED-REUSABLE SYSTOLIC ARRAY ARCHITECTURE WITH RECONFIGURABLE LOGIC".

"Reference/Application No. 202041023845 Application No. TEMP/E-1/26334/2020-CHE / CBR NO. 17848".

6 **Dr. Veena M B, Cyril Prasannaraj, Girish.N** patent applied on "A METHOD FOR ERROR DETECTION AND ERROR CORRECTION FOR UNDERWATER COMMUNICATION BASED ON ADAPTIVE TURBO DECODER"

06-06-2020, Application No. 202041023836/ TEMP/E-1/26272/2020-CHE, CBR NO. 17845