



Academic year 2021-2022

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

PATENTS FILED/PUBLISHED/GRANTED

Sl.No	Name of the Applicant	Date of Application	Title of the Innovation	Application Number	Status
1.	Shylashree N Srikrishana Prasad	26-06-2020	Anonymized generating and proving of processed data	US17/350296	Granted on 1-03-2022 US Patent No: US011265143B2
2.	Shylashree N Srikrishana Prasad	26-06-2020	Anonymized generation and Verification of processed data	DE102020207980	Granted on 30-09-2021 European Patent No. 10 2020 207 980 B3
3.	Dr.Shylashree N Hassan Mahesh Supritha Abhay Deshpande Dr.Uma B V	29-12-2020	A handheld hidden camera detecting system	202041056998	Granted Patent No. 376436
4.	Dr.Shylashree N Praveena N Prasad Shenoy Dr.Uma B. V	04-12-2020	A high speed low power ternary content addressable memory device	202041052977	Granted Patent No. 370565
5.	Dr.M.Uttarakumari, Mrs. Rohini S.Hallikar Mrs. Shireesha	30-11-2016	Flexible Artificial Basilar Epithelium	201641038766	Granted Patent No. 359557
6.	Prof Ravishankar S Prof Bharathi M	28-01-2016	Single Ended Loop Topology Estimation using CTDR and FDR	201641003122	Published Application in Amended Examination Stage



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7.	Mrs. Roopa J Dr.K.S.Geetha Dr.B.S.Sataynarayana	11-4-2016	Novel Flexible Polymer based multi-layered sensor for pressure, displacement & Bio-medical sensing applications	201641012577	Granted Patent No:399643
8.	Prof.Roopa J Prof.Govinda Raju M & Students	15-6-2016	Device for determining Moisture Content of a Mulberry Leaf	201641021468	Published Application in Amended Examination Stage
9.	Prof. S.Ravishankar Prof.K.S.Shushrutha Prof.A.Mahesh	28-03-2017	Method and System to Estimate Angle of Arrival for a Smart Array Antenna	201741011400	Published FER Issued - Reply not Filed
10.	Dr. Uma B V Anirudh Lanka Uttam reddy	21-06-2017	Method, System & device for theft- Lock	201741021773	Published Application in Amended Examination Stage
11.	Dr. Shiresha G Prof. Sudha R Karbari Dr. Uttara Kumari M Dr. Subramanya K N	11-05-2020	A Multi-Layered Mask with Hydrophobic Nanofibers as functional layer with a smart valve for protection against the Aerosol transmission of COVID-19	202041019902	Published FER Issued - Reply not Filed
12.	Dr. Sudha R Karbari Dr. Shiresha G Dr. M Uttara Kumari	24/09/2020	Method for Optimization of one Dimensional nanostructured PVDF Doped MWCNT Nanofibre	202041041406	Published Application Awaiting Examination



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13.	Shylashree N V Sridhar	31-08-2018	Method, system and apparatus for efficient high speed elliptic curve point multiplication over prime field	201841032883	Granted Patent No. 378647
14.	Shylashree N V Sridhar	31-08-2018	Method, system and apparatus for fast multi scalar elliptic curve point multiplication over prime field,2020	201841032882	Published Reply Filed. Application in amended examination
15.	Dr. Abhay Deshpande, Mr.Manjunath Managuli	10-7-2019	Electronic nose system for food applications	201941027652	Published
16.	Dr.Kiran V	29-7-2019	Method and System for Peak to average Power ratio Reduction by a combination of nonlinear scaling and adaptive digital pre distortion	201941030469	Published