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KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE

Opp : Yerragattu Gutta, Hasanparthy (Mandal), WARANGAL - 506 015, Telangana, INDIA.

काकतीय प्रौद्योगिकी एवं विज्ञान संस्थान, वरंगल - ५०६ ०१५ तेलंगाना, भारत

కాకతీయ సాంకేతిక విజ్ఞాన శాస్త్ర విద్యాలయం, వరంగల్ - ౫౦౬ ౦౧౫ తెలంగాణ, భారతదేశము

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Faculty Patents Applied / Awarded during Last Five Years

| S.No. | Name of the Faculty | Patent Applied/ awarded | Department | Academic Year | Details of the IPR |
|-------|---|-------------------------|------------|---------------|--|
| 1 | Dr. K. Eswaraiiah/ Dr. K. Sridhar / Dr. G. Ganesh Kumar | Applied | Mechanical | 2019-20 | "Left Ventricular Assisted Devic with Magnetic Levitation" App No: 20201041609A |
| 2 | Dr. G. Ganesh Kumar | Applied | Mechanical | 2019-20 | Apparatus for converting dynamic energy of wheels of an automobile into electrical power App. No: 202041029373A |
| 3 | Dr.A.Devaraju | Published | Mechanical | 2019-20 | Compressor Less Solar energy powered refrigerator App. No: 201941012757A |
| 4 | Dr.A.Devaraju | Published | Mechanical | 2018-19 | "Synthesis of functionally graded ceramic composites for Radome application" App. No: 201941005163 |
| 5 | Dr.A.Devaraju | Applied | Mechanical | 2018-19 | Abrasive Ceramic Bonded Tool for Friction Stir Welding & Processing App. No: 201841042980 |
| 6 | Dr.A.Devaraju | Applied | Mechanical | 2018-19 | System and Method for Monitoring Energy Storage And Consumption of Battery App. No: 201841042929 |
| 7 | Dr.S.Venkatramulu | Filed | CSE | 2020-21 | SMART MIRROR |
| 8 | Dr.V.Chandra shekar rao | Filed | CSE | 2020-21 | SMART MIRROR |
| 9 | M.S.B.Pridvi raj | Filed | CSE | 2020-21 | SMART MIRROR |
| 10 | M.S.B.Pridvi raj | Filed | CSE | 2020-21 | FRISBY BASED PESTICIDE DISTRIBUTING MACHINE |

| S.No. | Name of the Faculty | Patent Applied/ awarded | Department | Academic Year | Details of the IPR |
|-------|----------------------|----------------------------|------------|------------------|--|
| 11 | Dr.V.Shanker | Filed | CSE | 2019-20 | MFT- Data Discover With One member of the family Tree Using machine Learning |
| 12 | Dr.N.Gayatri | Filed | CSE | 2019-20 | MFT- Data Discover With One member of the family Tree Using machine Learning |
| 13 | Dr. P. Niranjana | published | CSE | 2019-20 | Smart bag with object identification Property |
| 14 | S.Kiran | published | CSE | 2019-20 | Smart bag with object identification Property |
| 15 | U .VijayKumar | published | CSE | 2019-20 | Dairy with Inner Printer Panel |
| 16 | S.Kiran | published | CSE | 2019-20 | Dairy With Inner Printer Panel |
| 17 | S.Nagaraju | Filed | CSE | 2019-20 | MFT- Data Discover With One member of the family Tree Using machine Learning |
| 18 | P.Vijaykumar | Filed | CSE | 2019-20 | An Apparatus of Internet of Things Personal Wearable Tracking System with Method of Artificial Intelligence |
| 19 | P.Vijaykumar | Filed | CSE | 2019-20 | Internet of things and Intelligence Environmental Management and Smart Agriculture system. |
| 20 | Dr. P. Niranjana | Filed | CSE | 2018-19 | IoT Sensors for Underwater Human Body Identification |
| 21 | S.Kiran | Filed | CSE | 2018-19 | IoT Sensors for Underwater Human Body Identification |
| 22 | S.Nagaraju | Filed | CSE | 2018-19 | System and method for distributed Block chain |
| 23 | S.Nagaraju | Filed | CSE | 2018-19 | System for Block chain Cloud Service |
| 24 | Dr. K. Venu Madhav | FILED | E&IE | 2020-21 | LEFT VENTRICULAR ASSISTED DEVICE WITH MAGNETIC LEVITATION (Applied)/ Application No: 202041041609; Dated 25.09.2020 |
| 25 | V. Rajagopal | Awarded | EEE | 2020-21 | A Hydro Power System 345/DEL/2013 |
| 26 | Dr. B. Pradeep Kumar | Applied | EEE | 2019-20 | Method for Extracting the I-V Curve of the Photovoltaic (PV) Module. 201941037604, September 23, 2019. |
| 27 | B. Pradeep Kumar | Applied | EEE | 2020-21 | An Array Fault Localization Method for PV System Using Minimal Number of Voltage Sensors. 202041019653, dated: May 09, 2020. |