# FACULTY PROFILE

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| **Name of Teaching Staff / RMK ID** | **T0986_Vijaya Vardan Reddy  S P** |
| **Designation** | ASSISTANT PROFESSOR |
| **Department** | EC ACT |
| **Date of Joining the Institution** | 25.06.2018 |
| **Qualifications** | M.E.,(Ph.D) |
| **Total Experience** | Overall : 12 years 04 months | in RMK : 6 years 4 months |
| **Papers Published in Journal** | Overall : 19 | After Joining RMK : 16 |
| **List of Papers Published** | 1. Paper has been published by 'International Journal of Advance Research in Basic Engineering Sciences and Technology (IJARBEST), Titled "**RFID Based Augumented Class Rooms Automation With Network Model** Volume-3 Special Issue-34, March 2017.<br>2. Paper has been published by 'International Journal of Advance Research Ideas and Innovations in Technology, Titled "**Identification of quality index of fruit/Vegetable using image Processing'** Volume-4 Issue-2, April 2018.<br>3. Paper has been published by 'International Journal of Advance Research in Electrical Electronics and Instrumentation Engineering (IJAREEIE) Titled "**Smart helmet with Intelligent Life Saving Mechanism"** Volume-7 Issue-2, February 2018.<br>4. Paper has been published by 'International Journal of Recent Technology and Engineering **(IJRTE)'**, titled "**Secured Wireless Data Transmission using Encryption and Frequency Hopping Technique'** ISSN: 2277-3878 (Online), Volume-8 Issue-4, November 2019.<br>5. Paper has been published by 'International Journal of Engineering and Technology(IRJET) in "**Driver Drowsiness Detection and Identification of Alcoholic System using Open CV Enhanced with Embedded Technology** Volume-6 Issue-3, March 2019.<br>6.  Paper has been published by International Journal of Innovative Technology and Exploring Engineering (IJITEE)**Secured Banking using Multilevel** |

**Authentication by Face Recognition and SIM Card Verification for ATMs** ISSN:2278-3075, Volume-9 Issue-3, January 2020.

7. Paper has been published by European Journal of Molecular &amp; Clinical Medicine titled "**IOT BASED SMART PRECISION AGRICULTURE IN RURAL AREAS**" Substrate, ISSN 2515-8260 Volume 7, Issue 4, 2020.

8. Paper has been published by European Journal of Molecular &amp; Clinical Medicine titled **Plant Disease Identifer Using K-Means and GLSM in Convolution Neural Network** Substrate, ISSN 2515-8260 Volume 7, Issue 4, 2020.

9. Paper has been published by European Journal of Molecular &amp; Clinical Medicine titled Boat **Localisation And Warning System for Border Identification** Substrate, ISSN 2515-8260 Volume 7, Issue 4, 2020

10. Paper has been published by IOP Conference Series: Materials Science and Engineering **Exposure of Crash in Metal Foil Using UWB Antenna** (IVC RAISE2020) 15th December 2021.

11. Paper has been published by IEEE Proceedings titled **Automatic Number Plate Recognition System for Entry and Exit Management**2021 Sixth International Conference on Communication and electronic systems on 28 August 2021.

12. Paper has been published by Turkish Online Journal of Qualitative Inquiry (TOJQI) **Cryptography Based Secured Lifi For Patient Privacy Using SHA Algorithm.** Volume 12, Issue 5, May 2021: 2499 – 2506.

13. Paper has been published by Turkish Online Journal of Qualitative Inquiry (TOJQI) **Efficient I Blink checking and shocking system.** Volume 12, Issue 5, May2021: 2492 – 2498.

14. Paper has been published by Proceedings of the Fifth International Conference on Inventive Computation Technologies (ICICT 2022)IEEE Xplore titled **HDP-IoT: An IoT Framework for Cardiac Status Prediction System using Machine** On October 2022.

15. Paper has been published by Proceedings of the IEEE Xplore ''**Women safety system with nerve stimulator using IoT Technology''** On December 2022.

16. Paper has been published by Proceedings of theIEEE Xplore **"The implementation of virtual reality technology in the hotel marketing management using IoT''** On January 2023.

17. Paper has been published by Proceedings of the IEEE Xplore '' Monitoring and Facilitating Students Programming Skill Development using Robotic Process

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| | Automation (RPA) and Artificial Intelligence (AI)–A Case Study 0n January 2023<br>18. Paper has been published by IEEE Xplore **"Agri-IoT:A farm monitoring and Automation system using Iot** 0n April 2023.<br>19. Paper published in IEEE Xplore titled **" A novel and robust sensing technique under cooperative schemes of IoT based industrial WSN in real time** 0n April 2023 | |
| **Papers Presented in Conferences**<br>(Scopus / WoS indexed only) | Overall : 13 | After Joining RMK : 10 |
| **Ph.Ds / Projects Guided** | Ph.Ds Guided : Nil | Student Projects Guided : 18 |
| **Patents** | Published Count : 5 | Granted Count : Nil |
| | List :<br>1. FPGA BASED REMOTE SMART SPEAKER FOR AGRICULTURE SYSTEM<br>2. AUTOMATED IRIS RECOGNITION BASED AUTHENTICATION AND GENDER CLASSIFICATION USING NEURAL NETWORK<br>3. IOT BASED AUTOMATIC WATER CLARITY MEASUREMENT SYSTEM POWERED BY SLOAR CELLS.<br>4. ARTIFICIAL INTELLIGENT BASED WSN IN TRAFFIC-MONITORING BY USINGSPHERICAL-GRID-ROUTING-PROTOCOL.<br>5. A SMART VERY LARGE SCALE INTEGRATION IMPLEMENTATION OF BUILT IN SELF-TEST BASED ON SAFE SCAN CELL LOGIC USING VERILOG AND MODELSIM | |
| **Professional Memberships** | Count :3 | |
| | List:<br>1. INDIAN SOCIETY FOR TECHNICAL EDUCATION- Life Time Member From 2019.<br>2. INTERNATIONAL ASSOCIATION OF ENGINEERS- Life Time Member from 2012.<br>3.SCIENTIFIC INTERNATIONAL PUBLISHING HOUSE 2023-Life time member from 2023 | |
| **Consultancy Projects Completed** | Count :2 | |
| **Awards Received** | Count :2 | |
| | List:<br>1.National Education Excellence Achievers Award Navbharat Rashtriya Gyanpeeth 2022.<br>2.Received Young Researcher Award through Scientific international publishing house 2023 | |
| **Orchid Link / ID** | ID : 0000-0001-9885-2313 | |

| Google Scholar Link / ID | ID : **nLLH3x0AAAAJ** |
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| Vidwan Link / ID | ID : 305303 |
| Research Gate Link / ID | https://www.researchgate.net/profile/Vijaya-Vardan-Reddy-S-P |
| Scopus Link / ID | ID : 57876387300 |