### **Dr. Asnath Victy Phamila Y**

#### Professor

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****PhD:**** Anna University

****Research Area:**** Digital Image Processing, Computer Vision, Sensor Networks, Deep Learning

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| --- | --- | --- | --- | --- | --- |
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| Intercom | | 1467 | | | |
| ****Educational details****(Please mention all the degrees with latest first) | | | | | |
| Degree | Passed out year | Specialization | | Institute/University/ College | |
| PhD | 2014 | CSE | | Anna University, Chennai | |
| M.Tech | 2005 | CSE | | Anna University, Chennai | |
| B.E./B.Tech | 1999 | CSE | | GCE Tirunelveli, Manonmaniam Sundaranar University | |
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| ****Research Details**** | | | | | |
| Areas of Specialization | | Image Processing, Computer Vision | | | |
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| H-index (scopus) | | 6 | | | |
| Google Scholar ID | | [https://scholar.google.com/citations?user=TlTYBZkAAAAJ&hl=en](https://scholar.google.com/citations?user=TlTYBZkAAAAJ&hl=en" \t "https://chennai.vit.ac.in/member/dr-asnath-victy-phamila-y/_blank) | | | |
| i10 index | | 6 | | | |
| ****On-going Consultancy Project Details**** | | | | | |
| On-going Consultancy Project Title | | Funding Agency | | | |
| Polygon Matching | | Farmwise AI | | | |
|  | |  | | | |
| ****Completed Consultancy Project Details**** | | | | | |
| Completed Consultancy Project Title | | Funding Agency | | | |
| Development of AR based Car User Manual | | Mahindra Research Valley | | | |
| Fog Removal and Object Detection | | Mahindra Research Valley | | | |
|  | |  | | | |
| ****Patent Published Details**** | | | | | |
| ****Patent Published Title**** | | Patent Published Application No. | | | |
| ****Secure Goods Delivery System**** | | 201941045886 | | | |
| ****Malware Detection And Classification System**** | | 201941045886 | | | |
|  | |  | | | |
| ****Patent Granted Details**** | | | | | |
| Patent Granted Title | | Patent Granted Application No. | | | |
| Iot Based Wearable Ecg Device | | 2021100986 | | | |
| A Method For Malware Detection And Classification Using Multi-Level Resnet Paradigm On Pe Binary Images | | 2021100392 | | | |
| ****Book / Book Chapter Published Details**** | | | | | |
| Title | | | Publisher | | Year |
| Book – Countering Cyber Attacks and Preserving the Integrity and Availability of Critical Systems | | | IGI Global | | 2019 |
| Book – Combating Security Breaches and Criminal Activity in the Digital Sphere | | | IGI Global | | 2016 |
| Visual Sensor Networks Critical Infrastructure Protection | | | IGI Global | | 2016 |
| Security Framework for Smart Visual Sensor Networks | | | IGI Global | | 2019 |
| Object Detection in IoT-Based Smart Refrigerators Using CNN | | | Wiley | | 2022 |
|  | | | | | |
| ****Major International Collaboration Details  –****Academic Collaboration Details | | | | | |
| Type of collaboration (Research & publication/Funded Project/consultancy etc.), collaborating institute, year of collaboration | | | | | |
| Asia Pacific University, Kuala Lumpur, Malaysia | | | | | |
| Dongguk University, Seoul, South Korea | | | | | |