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| <b>Smt.Kalpana George</b>   |   |  |
| <b>PROFILE</b>  | Assistant.Professor (Electronics Engineering.)<br><br>Model Engineering College,Ernakulam.<br><br>Email : kalpanageor@gmail.com |  |
| <b>EXPERIENCE</b>   | 18 YEARS IN TEACHING  |  |
| <b>EDUCATION</b>  |   |  |
| Pursuing Ph.D.(part time) in the area of Pattern Recognition and Machine learning | National Institute of Technology Calicut, India   |  |
| M.Tech –Applied Electronics   | Mahatma Gandhi University, First Class  |  |
| B Tech – Electronics and Communication  | LBS College of Engineering, Kasargode, University of Calicut  |  |
| <b>AREAS OF INTEREST</b>  |   |  |
| Pattern Recognition, Machine learning, Deep learning, Digital Signal processing   |   |  |

| MEMBERSHIP IN PROFESSIONAL BODIES  |                           |  |
|--|---------------------------|--|
| Life Member ISTE (Indian Society for Technical Education)  |                           |  |
| Student Member IEEE (Institute of Electrical and Electronics Engineers)  |                           |  |
| International Conferences  |                           |  |
| 1.Kalpana George, Shameer F., Praveen Sankaran, Paul K. Joseph, "Deep learned nucleus features for breast cancer histopathological image analysis based on belief theoretical classifier fusion", TENCON 2019, Kochi, India (Accepted).  |                           |  |
| 2.George Kalpana, Sankaran Praveen, Joseph Paul K, Rainachandran K, "Extraction of subtle radiographic image features of bone tumor: A case study", IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems (SPICES), 2017. ( <a href="#">link</a> ) |                           |  |
| COURSES HANDLED  |                           |  |
| Sl.No  | Course Name               | UG/PG  |
| 1  | Digital Signal Processing | B Tech Electronics & Communication Engg. (CUSAT) |
| 2  | Signals and Systems       | B Tech Electronics & Communication Engg. (CUSAT) |
| 3  | Digital Image Processing  | B Tech Electronics & Communication Engg. (CUSAT) |
| 4  | Network Theory            | B Tech Electronics & Communication Engg. (CUSAT) |

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|---|--------------------------------------|--|
| 5 | Digital Electronics                  | B Tech Electronics & Communication Engg. (CUSAT) |
| 6 | Solid State Electronics              | B Tech Electronics & Communication Engg. (CUSAT) |
| 7 | Communication Engineering I          | B Tech Electronics & Communication Engg. (CUSAT) |
| 8 | Control System Engineering           | B Tech Electronics & Communication Engg. (CUSAT) |
| 8 | Pattern Recognition                  | B Tech Electronics & Communication Engg. (CUSAT) |
| 9 | Digital Signal Processing Laboratory | B Tech Electronics & Communication Engg. (CUSAT) |