

## FACULTY-PROFILE



1. Name : ASEENA.A  
2. Date of Birth : 26/09/1982  
3. Highest Qualifications : M.Tech in Electronics Engineering  
4. Academic Performance :

(High school to Highest Qualification.)

Sl. No.	Qualification	Board/University	Year of Passing	Specialization	Class /Division
1	SSLC	HSE	1998		First Class With Distinction
2	Pre-Degree	Kerala University	2000		First Class With Distinction
3	B. Tech	Cochin University of Science And Technology	2004	Electronics & Communication	First Class With Distinction
4	M. Tech	APJ ABDUL KALAM TECHNICAL UNIVERSITY, LUCKNOW, UTTARPRADESH	2016	Electronics Engineering	First Class with Honours

5. Date of Joining : 15-1-2007  
6. Status as on date of joining : Lecturer  
7. Salary as on date of joining :  
8. Present status : Assistant Professor  
9. Salary as on date :  
10. Number of promotions since date of joining : Nil  
11. Achievements since date of joining :

## 11.1 Faculty Development

Sl.No	Name of Training Programme/Workshop	Period & Duration	Organization	Remarks
1	Software testing and software quality management techniques	3/11/2009 to 16/11/2009	AICTE sponsored FDP at College of Engineering Perumon	
2	National workshop on Hands on Training in ASIC/FPGA design flow using Mentor Graphics EDA Tool	9/08/12 to 10/08/12	Sree Ramakrishna Engineering College, Coimbatore, Tamil Nādu	
3	Cloud computing	19/9/2012	College of Engineering Perumon	
4	STTP on Introduction to MATLAB and its applications	10/12/12 to 12/12/12	IIC and Department of ECE, College of Engineering Perumon	
5	Workshop on MULTISIM, ULTIBOARD&TANNER EDA Tools	16/12/13 to 18/12/13	Department of ECE, College of Engineering Perumon	
6	Workshop on Engineering Applications of MATLAB	4/03/14 to 6/03/14	Department of ECE, TKM College of Engineering Kollam	
7	FDP on Signal Processing and Its Applications	23/11/16 to 29/11/16	Department of EI, College of Engineering Kidangoor	
8	Outcome based NBA accreditation	11/1/2018 to 13/1/2018	Department of ME, College of Engineering Perumon	
9	Advanced Communication Technologies and Signal Processing	19/04/2018 to 23/04/2018	Department of ECE, College of Engineering Perumon	
10	Mathematical Foundations for Communication Engineering	07-01-2019 to 11-01-2019	TKMCE, Kollam	
11	FDP on IoT and its applications	21-02-2019 to 23-02-2019	Dept. of ECE, CEP	
12	Future trends in NEMS	25-02-2019 to 27-02-2019	Dept. of ECE, CEP	
13	Cyber security	24-06-2019 to 28-06-19	TKMCE, Kollam	
14	FDP on Security aspects in Communication systems	22-07-2019 to 24-07-2019	Dept of ECE, College of Engineering, Perumon	
15	FDP on Mathematical Perspective Towards Communication Engineering	29-07-2019 to 01-08-2019	Dept of ECE, College of Engineering, Perumon	
16	Biomedical Instrumentation And Signal Processing	06-01-2020 to 11-01-2020	TKM College Of Engineering, Kollam	
17	Digital Transformation in Teaching Learning Process	16-03-2020 to 30-03-2020	IIT BOMBAY	
18	FDP ON Image Forensics	27-07-2020 to 01-08-2020	CUSAT	

19	FDP On Current Trends in Electronics and Communication	21-08-2020 to 25-08-2020	YOUNUS COLLEGE OF ENGINEERING AND TECHNOLOGY	
20	TEQIP II Sponsored FDP on " Industry Adaptation through Advancement in Electronic Technology"	9/2/2021 to 15/2/2021	College of Engineering Perumon	
21	National level FDP on " Professional Ethics in current pandemic scenario"	22/2/2021 to 27/2/2021	College of Engineering Perumon	
22	Teqip- II sponsored Six days International FDP on Research opportunities in Smart Grid Technologies	22/3/2021 to 27/3/2021	College of Engineering Perumon	10
23	ATAL Online Elementary FDP on Advanced Communication Systems -A Research Perspective from,	9/8/2021 to 13/8/2021	College of Engineering Karunagapally	
24	5 Days online FDP on Optimization Techniques	31/8/2021 to 4/9/2021	College of Engineering Perumon	
25	TEQIP II Sponsored FDP on " Industry Adaptation through Advancement in Electronic Technology"	9/2/2021 to 15/2/2021	College of Engineering Perumon	
26	AICTE Training and Learning (ATAL) Blended/Hybrid Faculty Development Program on "Concepts and applications of Machine Learning and Deep Learning for real world problems with Hands on training using Python"	10/10/22 -21/10/22	College of Engineering Perumon	
27	IEEE SPS SEASONAL SCHOOL FDP ON  RECENT TRENDS IN SIGNAL, SPEECH, AND IMAGE PROCESSING	14/12/22-20/12/22	TKMCE,KOLLAM	

## 11.2 No. of Publications

Sl.No.	Name of quality publications in refereed/SCI Journals, citations, Books/Book Chapters etc.	Name of the journal/Conference
1	SMART AMERICAN SIGN LANGUAGE RECOGNITION FOR DEAF	Proceedings of International Conference on Innovations in Science and Technology for Sustainable Development (ICISTSD-22)
2	Intrusion Detection System for Securing IoT using Machine Learning	International Conference on Innovations in Science and Technology for Sustainable Development 2020 (ICISTSD 2020) sponsored by TEQIP-II ,23,24 November 2020
3.	IoT BASED SMART MIRROR	INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE & RESEARCH TECHNOLOGY, IESRT APRIL 10,2019, ISSN:2277-9655 AND IMPACT FACTOR:5.164
4	BACK PROPAGATION NEURAL NETWORK (BPNN) BASED MELANOMA CLASSIFICATION ON DERMOSCOPY IMAGES	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH ELECTRICAL, ELECTRONICS, INSTRUMENTATION AND CONTROL ENGINEERING (IJIREEICE), MARCH,2018 ISSN 2321-2004, VOL 1, SPECIAL ISSUE 2
5	IOT BASED HEALTHCARE MONITORING SYSTEM	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH ELECTRICAL,ELECTRONICS, INSTRUMENTATION AND CONTROL ENGINEERING(IJIREEICE),M ARCH,2018 ISSN 2321-2004,VOL 1,SPECIAL ISSUE 2
6	A REVIEW ON EMERGING TECHNIQUES IN DIGITAL IMAGE COMPRESSION	INTERNATIONAL CONFERENCE ON FUTURE TECHNOLOGY IN ENGINEERING- ICFTE'16,OCTOBER,IOSR JOURNAL OF ELECTRONICS AND COMMUNICATION ENGINEERING,e-ISSN:2278-2834,p-ISSN: 2278-8735,PP 23-29
7	VECTOR QUANTIZATION BASED BACK PROPAGATION ,NEURAL NETWORK FOR IMAGE COMPRESSION	International Conference on Advanced Computing and Software Engineering ICACSE-16,14-15 OCT 2016, Sultanpur,UP

Sl.No.	Type of Publication	Number
1	International Conferences	4
2	National Conferences	2
3	International Journal	4
4	National Journal	-

### 11.3 Conferences/Seminars/STTP/Workshops

#### 11.3.1 Organized/Attended

Sl.No.	Workshop/conferences	Year & Duration	Sponsors
1	Attended International Conference ICACSE, '16, and presented a paper 'VECTOR QUANTISATION BASED BPNN FOR IMAGE COMPRESSION'	14-15 October 2016	
2	Attended International Conference ICFTE'16, and presented a paper 'A REVIEW ON EMERGING TECHNIQUES IN DIGITAL IMAGE COMPRESSION'	24-26 October 2016	TEQIP II
3	Paper presented at NFTPCOS-18 on BPNN based Melanomma Classification on Dermoscopy Images	16,17 March 2018	TEQIP II
4	Paper presented at NFTPCOS-18 on IoT based Health Monitoring System	16,17 March 2018	TEQIP II
5	Paper presented at NFTPCOS-19 on IoT BASED SMART MIRROR	April 2019	TEQIP II
6	Attended International Conference on Innovations in Science and Technology for Sustainable Development 2020 (ICISTSD 2020) sponsored by TEQIP-II and presented a paper on Intrusion Detection System for Securing IoT using Machine Learning	23,24 November 2020	TEQIP II
7	Attended International Conference on Innovations in Science and Technology for Sustainable Development (ICISTSD-22) and presented a paper on SMART AMERICAN SIGN LANGUAGE RECOGNITION FOR DEAF	26,27 August	IEEE/ TEQIP II

### 11.8 Administration

Sl.No.	Position Held	Duration	Remarks
1	SPOC,NPTEL Local chapter	2018 jan-till date	
2	Committee member Continuing Education Cell	2017 July –till date	
3	Tutor	2016-2020 Batch	

2014– 2016

(Under Study Leave on QIP Scheme)

2016 – 2017

(College Of Engineering Pathanapuram)

1 Details of Innovations/Contributions in Teaching during the year

- (a) Design of curriculum :
- (b) Teaching methods : Using black board and ICT
- (c) Laboratory experiments :Electronic Design Automation Lab
- (d) Evaluation methods : Series Tests, Assignments
- (e) Preparation of resource material : Prepared Lab Manual for EDA Lab  
including books, reading  
material, lab manuals

- (f) Remedial teaching / Student Counseling (academic) : Conducted Remedial Classes for Wireless Communication
- (g) Academic help rendered to HOD other than class work : In-Charge of DSP Lab
- (h) Academic/College activities help rendered to the principal other than class work : College Election Returning Officer

2 Improvement of Professional Competence

- Attended and presented papers in Two International Conferences and attended various FDPs.

2017 – 2018  
(College Of Engineering Perumon)

1 Details of Innovations/Contributions in Teaching during the year

- (a) Design of curriculum :
- (b) Teaching methods : Using black board and Power Point presentations
- (c) Laboratory experiments : In charge of Electronic Circuits Lab and Digital electronics Lab
- (d) Evaluation methods : Series Tests, Assignments
- (e) Preparation of resource material including books, reading material, lab manuals :
- (f) Remedial teaching / Student Counseling (academic) :
- (g) Academic help rendered to HOD other than class work : 1. Class Advisor for EC2016-2020A Batch  
2. In-Charge of Communication Lab
- (h) Academic/College activities help rendered to the principal other than class work : 1. SPOC NPTEL LOCAL CHAPTER  
2. Coordinator, Continuing Education Cell

2 Improvement of Professional Competence

- Attended National Conferences and various Faculty Development Programmes
- Chaired one National Conference
- Paper Published in International Journals

13. Self-appraisal:

- 3 Major Strengths : 1) Confident in coordinating Institutional activities  
2) Honest and dedicated to profession  
3) Hardworking

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14. Address for communication:

Office: Asst. Professor, Dept. of Electronics & Communication,  
College Of Engineering Perumon, Perinad, Kollam

Residence: THODIVILAVEEDU, NEAR MADHAVAPHARMACY, TKMCPO, KOLLAM-5

15. Blood Group: O+ve

16. Contact Details

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Signature