

## FACULTY-PROFILE



1. Name : ARCHA A B
2. Date of Birth :
3. Highest Qualifications : M.Tech in Signal processing
4. Academic Performance :

(High school to Highest Qualification.)

| Sl. No. | Qualification | Board/University     | Year of Passing | Specialization              | Class /Division              |
|---------|---------------|----------------------|-----------------|-----------------------------|------------------------------|
| 1       | SSLC          | Board                | 1996            |                             | First Class With Distinction |
| 2       | Pre-Degree    | University of Kerala | 1998            |                             | First Class                  |
| 3       | B. Tech       | Kannur University    | 2003            | Electronics & Communication | First Class                  |
| 4       | M. Tech       | University of kerala | 2015            | Signal processing           | First Class                  |

5. Date of Joining : 7-4-2007
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     | Soft skills Development for Quality Education   | 21/11/2011 to 26/11/2011 | ISTE sponsored FDP at TKM College of Engineering Kollam |         |
| 2     | Recent Trends in VLSI and MEMS  | 8/8/2012 to 14/8/2012    | Department of ECE,GEC Barton Hill,Tvpm                  |         |
| 3     | Cloud computing   | 19/9/2012                | College of Engineering Perumon                          |         |
| 4     | National workshop on Optoelectronics and Communication  | 15/11/2012 to 17/11/2012 | College of Engineering Perumon                          |         |
| 5     | Behavioural skill development   | 29/11/2012               | College of Engineering Perumon                          |         |
| 6     | Electromagnetic theory and its applications   | 12/6/2013 to 16/6/2013   | College of Engineering Perumon                          |         |
| 7     | Image processing implementation on Raspberry Pie  | 7/12/2015 to 12/12/2015  | College of Engineering Perumon                          |         |
| 8     | Document Preparation using LaTeX  | 31/11/15 to 4/12/15      | College of Engg. Trivandrum                             |         |
| 9     | Recent advances and developments in communication system  | 4/4/2016 to 16/4/2016    | College of Engineering Perumon                          |         |
| 10    | Automata theory and compilers   | 18/4/2016 to 29/4/2016   | College of Engineering Perumon                          |         |
|       |   |                          |   |         |
| 11    | Electronic design automation tools  | 4/1/2017 to 9/1/2017     | College of Engineering Perumon                          |         |
| 12    | Integral T transforms and its application,college of engg.perumon held during 23rd to 25 th march | 23/3/2017 to 25/3/2017   | College of Engineering Perumon                          |         |
| 13    | Pedagogical training  | 10/11/2016 to 12/11/2016 | IIT Madras  |         |

### 11.2 No. of Publications

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

### 11.3 Conferences/Seminars/STTP/Workshops

#### 11.3.1 Organized/Attended

| Sl.No. | Workshop/conferences  | Year & Duration          | Sponsors |
|--------|---|--------------------------|----------|
| 1      | Recent advances and developments in communication system  | 4/4/2016 to 16/4/2016    | TEQIP II |
| 2      | Design conference on Design for the Future organized by IDC, IIT Bombay   | 19/6/2016 to 21/6/2016   | TEQIP II |
| 11     | Electronic design automation tools  | 4/1/2017 to 9/1/2017     | TEQIP II |
| 4      | Organized Inter national conference on future technologies in Engineering (ICFTE 2016) organized by college of Engg.perumon sponsored by TEQIP II from 24.10.2016 to 26.10.2016 | 24/10/2016 to 26/10/2017 | TEQIP II |
| 5      | Paper presented at ICFTE 2016 on “Spatial and temporal lines scratch detection and removal in films using contrario method”   | 24/10/2016 to 26/10/2017 | TEQIP II |
|        |   |                          |          |

#### 11.3.2 Invited Talks

| Sl.No. | Title of Paper | Year & Duration | Sponsors |
|--------|----------------|-----------------|----------|
|        |                |                 |          |
|        |                |                 |          |
|        |                |                 |          |

#### 11.4 Extracurricular Activities

| Sl.No. | Particulars | Position Held    | Year                | Remarks |
|--------|-------------|------------------|---------------------|---------|
| 1.     | Arts        | Dept.coordinator | 2011,-<br>2013,2015 |         |

## 11.8 Administration

|    | Position Held              | Duration                  | Remarks |
|----|----------------------------|---------------------------|---------|
| 1  | Staff Advisor              | 2017-18 academic year     |         |
| 2. | Expert lecture coordinator | 2016-january to till date |         |

2013– 2015

(Under Study Leave on QIP Scheme)

2015 – 2016

(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 presentation
- (c) Laboratory experiments :Electronic circuit lab, Analog Integrated circuit lab
- (d) Evaluation methods : Series Tests, Assignments
- (e) Preparation of resource material including books, reading material, lab manuals : Prepared Lab Manual for Electronic Circuits Lab
- (f) Remedial teaching / Student Counseling (academic) : Conducted Remedial Classes for EC205 I Electronic circuit
- (g) Academic help rendered to HOD other than class work : In-Charge of Electronic circuit lab Class Tutor for EC 2014-18 Batch

- (h) Academic/College activities : Dept. Academic coordinator ,  
 help rendered to the principal College Election Prising Officer  
 other than class work

## 2 Improvement of Professional Competence

- Attended FDPs at IITs
- Organized International Conference
- Organized two week FDP at Collge of engg.perumon
- Organized a six days FDP at Collge of engg.perumon

### 2016 – 2017 (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 powerpoint presentations
- (c) Laboratory experiments : Major Project, Mini Project
- (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 : 1 Class Advisor for EC 2014-18 B Batch  
 other than class work 2. In-Charge of Eletronic circuit Lab
- (h) Academic/College activities : Students counselling Cell member  
 help rendered to the principal Dept. Academic committee coordinator  
 other than class work Campus software coordinator

## 2 Improvement of Professional Competence

- Attended Faculty Development Programmes at IITs
- Organized Inter National Conference
- Paper presented in Inter National Conference

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
- (c) Laboratory experiments :
- (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 : 1. Class Advisor for EC 2014-18 A Batch  
other than class work 2. In-Charge of Electronic circuit Lab
- (h) Academic/College activities : Campus software coordinator  
help rendered to the principal : Academic coordinator  
other than class work

## 2 Improvement of Professional Competence

- Paper Published in International Journals

## 13. Self appraisal:

- 3 Major Strengths : 1) Confident in coordinating Institutional student centered activities  
2) Honest and Dedicated to profession  
3) Hardworking
- 3 Major Weaknesses : 1) Lack of experience in administration

14. Address for communication:

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Residence: Anizham Kurumondal paravur,Kollam

15. Blood Group: A+ve

16. Contact Details

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Signature