

## FACULTY-PROFILE



1. Name : SONY .R
2. Date of Birth : 01/06/1976
3. Highest Qualifications : M.Tech in MECHANICAL ENGINEERING
4. Academic Performance :

(High school to Highest Qualification.)

Sl. No.	Qualification	Board/University	Year of Passing	Specialization	Class /Division
1	SSLC	HSE	1991		First Class With Distinction
2	Pre-Degree	Kerala University	1993		First Class
3	B. Tech	Cochin University Of Science And Technology	1999	Mechanical Engineering	First Class
4	M. Tech	Kerala University	2001	Mechanical Engineering	First Class With Distinction

5. Date of Joining : 11-10-2006
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	Non-Destructive testing methods for engineers	19/11/2007 to 30/11/2007	Govt Engg,College,Barton Hill	
2	Advances in Thermal Management of Electronic Systems	16/06/2008 to 21/06/2008	TKM College of Engg,Kollam	
3	Power Electronics & Digital Techniques in Electric utility applications	7/07/2008 to 13/07/2008	College of Engineering Perumon	
4	Software testing & Software Utility Management Techniques	03/11/2009to 16/11/2009	College of Engineering Perumon	
5	Cloud Computing	19/09/2012	College of Engineering Perumon	
6	Numerical Simulation using MATLAB	21/03/2013 to 26/03/2013	Govt Engg,College,Barton Hill	
7	Impact of Recent Tools & Techniques in the Processing of Digital Images	2/05/2013 to 15/05/2013	College of Engg,Karunagappally	
8	Robotics & Embedded Systems	03/09/2013 to 05/09/2013	KELTRON,TVM	
9	Research Methods-issues and challenges	17/10/2013 to 22/10/2013	College of Engineering Perumon	
10	Fundamentals of Finite Element Method	29/01/2014 to 31/01/2014	College of Engg,Adoor	
11	Computational methods in fluid flow and heat transfer	17/02/2014 to 21/02/2014	Govt Engg College,Trichur	
12	Modern Trends in Energy Environment & Green Technology	21/04/2014 to 25/04/2014	School of Engg,Kochi	
13	Mechatronics,MEMS & Micro Fabrication	07/06/2014 to 11/06/2014	IIT,Indore	
14	Pedagogical training	07/04/2016 to 09/04/2016	IIT Madras	
15	How to do a good Ph.D & How to write papers/thesis using LaTeX	2/05/2016 to 6/05/2016	College of Engg,Karunagappally	
16	Recent Trends in Robotics	17/10/2016 to 21/10/2016	IHRD,Tvm	

17	3D Printing: A Disruptive Technology of this Era	20/02/2017 to 21/02/2017	IIT Bombay	
18	Experimental & Numerical Approaches in Fundamental Fluid Dynamics	2/07/2018 to 06/07/2018	Marbaselios College of Engg & Technology	

## 11.2 No. of Publications

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

## 11.3 Conferences/Seminars/STTP/Workshops

### 11.3.1 Organized/Attended

Sl.No.	Workshop/conferences	Year & Duration	Sponsors
1	Attended workshop on Teaching-Learning process in Engg Education	29/01/2005	ISTE.SreeBudha College of Engg
2	Attended Counsellor Development Workshop	13/10/2012 to 14/10/2012	TEQIP, Govt Engg College, THRISSUR
3	Attended workshop on Students Teacher Relationship & Counselling	07/12/2012	TEQIP
4	Organised workshop on Behavioural Skill Development	29/12/2012	TEQIP
5	Paper presented at International conference on Progressive Developments in Mechanical Engg(ICETEST-2015)	09/12/2015 to 11/12/2015	Govt Engg College, THRISSUR
6	Paper presented at National Conference in Recent Trends in Mechanical and Civil engineering(NCRTMCE2017) at College of Engineering Perumon	22/03/2016 to 23/03/2016	TEQIP II
7	Organised an FDP on Optimization Techniques in Engg Research	28/07/2016 to 30/07/2016	TEQIP
8	Attended 3 days workshop on Outcome based NBA accreditation with Emphasis on how to prepare SAR	11/01/2018/ to 13/01/2018	TEQIP

### 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.	Tech fest,ME Dept	Finance coordinator	2014-15	

### 11.8 Administration

Sl.No.	Position Held	Duration	Remarks
1	Staff Advisor	2012-16,2016-17 admission batch	
2.	First year co-ordinator	2007,2008,2009	

2014 – 2015

(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 ICT
- (c) Laboratory experiments :Fluid Machinery Lab
- (d) Evaluation methods : Series Tests, Assignments
- (e) Preparation of resource material : Prepared Lab Manual for Thermal including books, reading Lab material, lab manuals
- (f) Remedial teaching / Student : Conducted Remedial Classes for Counseling (academic) Basic Mechanical Engg
- (g) Academic help rendered to HOD : In-Charge of Thermal Engg Lab other than class work

- (h) Academic/College activities : \*Member, Counselling cell  
 help rendered to the principal \*Member, Equity Dept Coordinator  
 other than class work \*Member, Anti Ragging Committee  
 \*Conducted MHRD survey

## 2 Improvement of Professional Competence

- Attended FDPs

### 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 powerpoint presentations
- (c) Laboratory experiments : Fluid Mechanics 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 : In-Charge of Thermal Lab  
 other than class work
- (h) Academic/College activities • :ISO co-ordinator  
 help rendered to the principal • Member, Women' cell  
 other than class work • Equity Dept Co-ordinator  
 • Counseling cell Member  
 • Conducted MHRD survey

## 2 Improvement of Professional Competence

- Attended Faculty Development Programmes
- Paper Presented in International Conference
- Acted as University Examination Observer at various Institutions

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 ICT
- (c) Laboratory experiments : Staff in charge of Heat & Mass Transfer 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 : 1. Class Advisor for ME 2016-20 Batch  
2. In-Charge of Thermal Engg Lab  
other than class work
- (h) Academic/College activities help rendered to the principal other than class work
  - ISO co-coordinator
  - Member Counseling cell
  - Member Equity dept coordinator
  - Conducted MHRD survey

2 Improvement of Professional Competence

- Attended National Conference
- Attended Faculty Development Programmes
- Acted as University Examination Observer at various Institutions

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 ICT
- (c) Laboratory experiments : Staff in charge of Heat & Mass Transfer Lab
- (d) Evaluation methods : Series Tests, Assignments
- (e) Preparation of resource material : Manual for Thermal Engg Lab 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 ME 2016-20 Batch  
2. In-Charge of Thermal Engg Labology  
3.
- (h) Academic/College activities help rendered to the principal other than class work
  - ISO co-coordinator
  - IQAC Co-ordinator
  - Member Women's cell
  - Member Counselling Cell,
  - Member Placement cell
  - Conducted MHRD survey

2 Improvement of Professional Competence

- Acted as University Examination Observer at various Institutions
- Acted as Question Paper Setter for different subjects

2018 – 2019  
(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 ICT
- (c) Laboratory experiments : Staff in charge of Heat & Mass Transfer Lab
- (d) Evaluation methods : Series Tests, Assignments
- (e) Preparation of resource material : Manual for Thermal Engg Lab including books, reading material, lab manuals
- (f) Remedial teaching / Student Counseling (academic) :
- (g) Academic help rendered to HOD : 1. Class Advisor for ME 2016-20 Batch  
2. In-Charge of Thermal Engg Lab  
other than class work
- (h) Academic/College activities help rendered to the principal other than class work
  - ISO co-coordinator
  - IQAC Co-ordinator
  - Member Women's cell
  - Member Counselling Cell,
  - Member Placement cell
  - Conducted MHRD survey

2 Improvement of Professional Competence

- Acted as University Examination Observer at various Institutions
- Acted as Question Paper Setter for different subjects

13. Self appraisal:

- 3 Major Strengths : 1) Confident in coordinating Institutional and department activities  
2) Dedicated to profession.  
3) Hardworking



- 3 Major Weaknesses : 1) Lack of experience in industrial field.

14. Address for communication:

Office: Asst. Professor, Mechanical Engineering  
College Of Engineering Perumon, Perinad, Kollam

Residence: Kaluparambil, Decent Mukku P O, Kollam., 691577

15. Blood Group: AB+ve

16. Contact Details

Mail id [sonyjdk@gmail.com](mailto:sonyjdk@gmail.com)  
[sonyr@perumonec.ac.in](mailto:sonyr@perumonec.ac.in)

Contact number 9447865695

Signature