

**Name: Sk.Shouakt Vali**



Designation: ASSISTANT PROFESSOR

Department: ECE

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Experience (in years): 5.5yrs Teaching: 2.5 Research:3 Others(if any, specify):-NIL

**1. Educational / Technical qualifications:**

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1.	Ph.D(Pursuing)	2023	VLSI-MEMS
1.	M.TECH	2017	VLSI
2.	B.TECH	2015	ECE

**2. Teaching and Learning:**

2.1. Teaching Interests:

Electronic Devices and Circuits, Basic Electronics Engineering, VLSI, Switching theory and Logic Design, RVSP,MPMC, DSP,DSD & DICA, LICA

2.2. Novel Teaching & Learning Techniques adopted: Videos, PPT, Group Discussion

2.3. Involvement in curriculum updating / Design: NA

**3. Co-curricular and Extra-Curricular Activities**

3.1. Interests and Hobbies: Learning new thinks, Adopted new technologies', Reading Books, playing games.

3.2. CCA/ECA Organized: NIL

✓ 3.3. CCA/ECA participated:

3.4. Counselling and Mentoring Activity: Actively involved in counselling and mentoring

3.5. Committees involved in: Department level: worked as a class in charge, Department fest publicity member , Actively participated and organizing the Faculty development programs.

Institute Level: Actively participating the technical and cultural events conducted by college. working as in charges for different cultural events, conferences and seminars.

**4. Conference / Workshop / Seminar / Guest Lectures:**

4.1 Conducted: Conducted as organiser: 4

4.2. Attended: 22+

Conferences : 3

Workshops : 5

Seminars : 2

FDPS : 12

**Academic Contribution and Research & Consultancy:**

5.1. Invited Lectures: 2

5.2. Articles/Chapters published in Books:2

5.3. Books published as single author or as editor:0

5.4. Projects Guided :6

a) UG :4 b) PG :2

5.5. Research Interests : VLSI, MEMS, RF MEMS , Sensors, Tunable filters

## 5.6. Ph.D. students:

a) Enrolled:

b) Submitted :

c) Awarded :

## 5.7. Papers published in reviewed journals:

S. No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	TRANSFORMATION OF THE COPLANAR WAVEGUIDE BANDPASS FILTER TO BAND STOP FILTER BY SERPENTINE SHAPE SHUNT/OPEN STUBS	Transactions on Electrical and Electronic Materials	<a href="https://doi.org/10.1007/s42341-022-00403-x">https://doi.org/10.1007/s42341-022-00403-x</a>	2.0	International
2	CONTROL OF BANDWIDTH, RESONANT FREQUENCY, AND MODELING OF BANDPASS FILTER USING OPEN STUB RESONATOR FOR K-BAND APPLICATION	Microsystem Technologies	<a href="https://doi.org/10.1007/s00542-022-05293-w">https://doi.org/10.1007/s00542-022-05293-w</a>	2.5	International
3	DESIGN AND SIMULATION OF CONTINUOUS TUNNING BANDSTOP FILTER BY 2-D PERIODIC DEFECTED GROUND STRUCTURE	Microelectronics	<a href="https://doi.org/10.1016/j.mejo.2022.105605">https://doi.org/10.1016/j.mejo.2022.105605</a>	2.8	International
4		Microsystem technologies	<a href="https://doi.org/10.1007/s00542-022-05297-6">https://doi.org/10.1007/s00542-022-05297-6</a>	2.5	International

	DESIGN AND ANALYSIS OF RF MEMS SHUNT SWITCH FOR V-BAND APPLICATIONS				
5	DESIGN AND ANALYSIS OF MEMS ELECTROSPRAY THRUSTER DEVICE	Transactions on Electrical and Electronic Materials	10.1007/s42341-020-00226-8	1.6	International
6	DESIGN AND SIMULATION OF BI-METALLIC RF MEMS SWITCH FOR FAST SWITCHING TIME	Lecture Notes in Electrical Engineering	10.1007/978-981-16-1570-2_20	0.5	International
7	DESIGN OF A NOVEL RF MEMS SWITCH FOR SATELLITE APPLICATION FOR K BAND APPLICATIONS	Microelectronics	Accepted	2.1	International
8	POWER OPTIMIZATION OF MODIFIED TEST PATTERN GENERATOR USING CLOCK GATING TECHNIQUES	Journal of Intelligent Systems	<a href="http://acadpubl.eu/jsi/2017-115-6-7/articles/7/59.pdf">http://acadpubl.eu/jsi/2017-115-6-7/articles/7/59.pdf</a>	1.2	International
9	VERILOG IMPLEMENTATION OF UART WITH BIST TECHNIQUE FOR TPG	Journal of Intelligent Systems	: <a href="https://acadpubl.eu/jsi/2017-115-6-7/articles/7/82.pdf">https://acadpubl.eu/jsi/2017-115-6-7/articles/7/82.pdf</a>	1.2	International

5.8. Papers presented at National / International Journals :

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Tunable filters integrated with RF MEMS switch	Micro-2022	International	25-26 June 2022
2	Transformation of the band pass to band stop filter	CCSN-2021	International	2-4 OCT, 2021
3	Electrospray thruster	Micro-2020	International	25-27, July, 2020

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. **Awards / Honors received:** second best paper in Micro-2020 conference

7. **Motto:** Knowledge becomes power only when we put into use.