

# **Dr. Syed Moinuddin Bokhari B**



**Email:** imranbadsha1979@gmail.com

**Phone:** 9843682583

**Address:** Coimbatore , Tamil Nadu , India - 641105

**Profile URL:** <https://vidwan.inflibnet.ac.in/profile/572273>

## **AREAS OF EXPERTISE**

---

### **Telecommunications**

Wireless communication , Signal processing, IoT, Antenna,

## **EDUCATION**

---

**PhD** 2022

*Anna University*

**M..E** 2005

*Jayaram College of Engineering and Technology*

**B.E** 2001

*Government College of Engineering, Bargur*

## **PROFESSIONAL EXPERIENCE**

---

**Easa College of Engineering & Technology** 2024 - Present

*Head of the Department*

Coimbatore

**M.A.M. College of Engineering and Technology** 2021 - 2024

*Associate Professor*

Tiruchirappalli

**Anna University** 2012 - 2015

*Research Scholar*

Chennai

## **M.A.M College of Engineering and Technology 2009 - 2021**

*Head of the Department*

Tiruchirappalli

## **MAM College of Engineering 2007 - 2009**

*Assistant Professor*

Tiruchirappalli

## **MAM College of Engineering 2006 - 2007**

*Senior Lecturer*

Tiruchirappalli

## **MAM College of Engineering 2001 - 2006**

*Lecturer*

Tiruchirappalli

## **HONOURS AND AWARDS**

---

### **Long service award 2023**

Awarded by: MAM Group of Institutions, Tiruchirappalli

### **Best department award 2016**

Awarded by: MASTeR Group of Institutions, Tiruchirappalli

### **Long service Award 2016**

Awarded by: MAM Group of Institutions, Tiruchirappalli

## **PROFESSIONAL MEMBERSHIPS**

---

### **Indian Society for Technical Education (ISTE) 2009**

*Life member*

## **COMMITTEE MEMBERSHIPS**

---

### **Grievance cum Redressal Committee 2026**

*Chairperson*

### **Computer Support Group 2026**

*HoD*

### **Grievance cum Redressal Committee 2025**

*Chairperson*

### **Computer Support Group 2025**

*HoD*

**Feedback** 2024

Department Member

**PALS** 2023

Single Point of Contact

## PUBLICATIONS

---

**1. Novel and Efficient Classification of Cardiovascular Abnormalities by Machine Learning**

Anusha K.B.;Rajesh S.;Bokhari B.S.M.;Saparbayevich Y.J.;Rao T.C.S.;Kadiri P.;Venkataramanaiah B. Proceedings of the 9th International Conference on Inventive Systems and Control Icisc 2025 , Vol. (2025) , pp. 268-273

**2. SMART HELMET: IoT Enabled Helmet for Safety and Accident Detection**

Anjaneyulu N.;Valli N.A.;Bokhari B.S.M.;Madaminov B.;Gulora Y.;Nagarajan G.;Venkataramanaiah B. Proceedings of the 9th International Conference on Inventive Systems and Control Icisc 2025 , Vol. (2025) , pp. 264-267

**3. Design of power and area efficient multipliers for edge detection algorithm**

BOKHARI SABITHASHINI . S B. SYED MOINUDDIN

International Journal on Applications in Electrical and Electronics Engineering , Vol. 8 (2022) , pp. 19--25

**4. On the use of graphene for quad-band THz microstrip antenna array with diversity reception for biomedical applications**

Bokhari, B Syed Moinuddin and Bhagyaveni, MA and Rajkumar R  
Applied Physics A , Vol. 127 (2021) , pp. 467

**5. Dual QR decomposition in K-best sphere detection for Internet of Things networks**

Bokhari, B Syed Moinuddin and Bhagyaveni Marcharla Anjaneyulu  
Cluster Computing , Vol. 22 (2019) , pp. 7713--7722

**6. Error vector magnitude (EVM)-based constellation combiner for cooperative relay network**

Kuppusamy M.R.;Bokhari S.M.;Anjaneyalu B.M.  
IEEE Communications Letters , Vol. 20 (2016) , pp. 304-307

**7. Real-time evaluation of EVM based Strict priority and round robin schedulers**

Bokhari, B Syed Moinuddin and Bhagyaveni MA  
(2015) , pp. 1--6

**8. Optimal Peak Power Ordering (OPPO) in ZF-SIC for IEEE 802.11 ac industrial standard**

Karthika, S and Bhagyaveni MA and others  
(2015) , pp. 1--6

**9. Optimal Peak Power Ordering (OPPO) in MMSE-SIC for IEEE802.11ac Industrial Standard**

Syed Moinuddin Bokhari B, Karthika S Bhagyaveni M A  
International Journal of Applied Engineering Research , Vol. 10 (2015) , pp. 30267--30277

**10. Lattice Reduction Aided- Zero Forcing MIMO Detection using two Stage QR-Decomposition**

M. A Syed Moinuddin Bokhari. B and Bhagyaveni  
International Journal of Engineering Research \& Technology (IJERT) , Vol. 3 (2015) , pp. 5

