



## Dr. Syed Moinuddin Bokhari B

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

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### AREAS OF EXPERTISE

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#### Telecommunications

Wireless communication , Signal processing, IoT, Antenna,

### EDUCATION

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**PhD** 2022

*Anna University*

**M..E** 2005

*Jayaram College of Engineering and Technology*

**B.E** 2001

*Government College of Engineering, Bargur*

### PROFESSIONAL EXPERIENCE

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**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**

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**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**

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

*Life member*

## **COMMITTEE MEMBERSHIPS**

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**Grievance cum Redressal Committee 2026**

*Chairperson*

**Computer Support Group 2026**

*HoD*

**Grievance cum Redressal Committee 2025**

*Chairperson*

**Computer Support Group 2025**

*HoD*

## **PUBLICATIONS**

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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

