



**Discipline:** ECE/ IT/ CS/ EI  
**SABA FATIMA**









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"Syed Barey Residency"  
Noorani Mohalla,  
Kalaburagi -585104  
Karnataka India.

### **PERSONAL TRAITS**

-  Ambitious
-  Approachable
-  Articulate
-  Autonomous
-  Cheerful
-  Juggle multiple tasks



### **LANGUAGES**

-  English- Advanced
-  Kannada- Intermediate
-  Hindi- Advanced



### **PUBLICATION SUMMARY**

-  **Journal**  
International -10  
National -01
-  **Conference**  
International -02  
National -03

### **WORKSHOPS/SEMINARS/ CONFERENCE ORGANISED**

-  Conference/Seminar-01
-  Workshops-02




### **WORKSHOPS/SEMINARS/ CONFERENCE ATTENDED**

-  Conference/Seminar-08
-  Workshops-08

### **CAREER OBJECTIVE**

In quest of a result oriented career in pursuing and building strong team environments and fostering open communication. To exhibit all acquired knowledge, skills, ability to learn and adaptability by being an effective team member in dynamic technical environment and to grow with the organization.

### **SOFTWARE PROFICIENCY**

-  VHDL, Cadence, LT- Spice IV- **INTERMEDIATE**
-  8085,8086, 8051,MSP430- **INTERMEDIATE**
-  C, C++, MATLAB, Java- **BEGINNER**

### **EXPERIENCE**

#### **Research Scholar- 2017-2019**

Visvesvaraya Technological University, Belagavi.

#### **Assistant Professor- 2014-2017**

Bheemanna Khandre Institute of Technology, Bhalki.  
Preparation of Evaluation Report (Self Study Report) of Department NAAC, Organizing Secretary, Active ISTE Executive Member BKIT Chapter, Admission Campaign, Newsletter Editing, Compering.

#### **Assistant Professor- 2011-2012**

Bheemanna Khandre Institute of Technology, Bhalki.

### **EDUCATION**

#### **Ph.D. (Full-Time)-2021- ECE/ VLSI, HAS- Awarded**

Visvesvaraya Technological University, Belagavi, Karnataka.

#### **M.Tech. (Full -Time)- 2011- VLSI & ES- 70%**

Visvesvaraya Technological University, Belagavi, Karnataka.

#### **B.E. (Full -Time)- 2009- Biomedical - 75%**

Visvesvaraya Technological University, Belagavi, Karnataka.

#### **PUC (Full -Time)- 2004- Science- 81.66%**

Pre-University Board of Education, Bengaluru, Karnataka.

#### **SSLC (Full -Time)- 2002- Science- 80.80%**

Karnataka Secondary Education Board, Bengaluru, Karnataka.

#### **CONFERENCE Co-CHAired- 02**

#### **CONFERENCE PAPERS PRESENTED-07**

#### **RESOURCES PERSON FOR STTP-01**

Note: Enclosed list of articles / papers in journals / conference proceedings.

## DETAILS OF UG/PG PROJECTS/DISSERTATIONS /MINI PROJECTS GUIDED

Title	UG/PG/Year	Important contribution
Design and Implementation of Bluetooth Receiver using VHDL	UG/2012	---
Highway Light Intensity Control and Efficiency Control Monitoring System	UG/2014	---
Black Box for vehicle	UG/ 2015	KSCST IISC, Bengaluru sanctioned and Selected for State Presentation. ref no:38S1604
Protection of Harvesting Crops from rain using Sensors	UG/2016	---
Smart Parking System	UG/2017	---

## SUBJECTS TAUGHTS DURING TEACHING CAREER (UG/PG)

Advanced DSP
Radio Frequency and MWR
Fundamentals of CMOS
Management and Entrepreneurship
Basic Electronics
Field Theory
Real time Operating System
Biomedical Digital
Signal processing
DSP Architecture
Microelectronic Circuits
Electronics Instrumentation
Basic Electrical Engineering

## MERITORIOUS AWARDS

- ❖ University Blue in Table Tennis, represented the VTU in South-Zone Inter University Table-Tennis competition in the year 2008 held at Kuvempu University, Shimoga, Karnataka.
- ❖ NSS Volunteer
- ❖ College topper during B.E and Best Student Award during B.E.
- ❖ Captain for various sports teams and Zonal Winner in Table Tennis twice during B. E. and once during M. Tech.

## MEMBERSHIP TO PROFESSIONAL BODIES

International Association of Engineers (IANEG)	Membership ID 151018
Association for Computing Machinery (ACM)	Membership ID 2639439
International Association of Computer Science Information Technology (IACSIT)	Membership ID 80349642
Institute for Exploring Advances in Engineering (IEAE)	Membership ID IEA042E20177
Indian Society for Technical Education (ISTE)	Membership ID LM 115558

## OTHER INFORMATION

1. Awarded Ph. D fellowship by Government of Karnataka. **Award Letter No: DOM/F-ELLOWSHIP/CR-56 / 2016-17 dated: 20-06-2017**
2. Sanctioned fund of **INR 5 Lakhs by Vision Group of Science and Technology (VGST), Bengaluru** under Seed Money for Young Scientist for Research (**SMYSR 2016-17**)
3. **Host** for Three Days National Level Workshop on "Challenges and Opportunities in Renewable Energy Systems for Sustainable India" and Techno Cultural Fest "Megabyte-2K17" under ISTE Chapter at BKIT, Bhalki during 13th -15th April 2017.

4. **Emcee** for the inauguration of Centre of Excellence – Internet of Things at Bhalki, inaugurated by Bharat Ratna Prof. C. N. R Rao on 06-08-2016 at Bidar, Karnataka.
5. **Host** for National Conferences – Women Empowerment-2015, Recent Innovation in Engineering and Technology- 2015 and workshops organized by Bheemanna Khandre Institute of Technology, Bhalki
6. **Reviewer** for National Conferences : WE-2015, RIICTeM-2015, NCRIET-2015
7. Worked as **Organizing Secretary** for National Conference on Women Empowerment-2015.
8. Worked for **NAAC Committee unit** of the college in preparation of Self Study Report Criteria for the department.
9. Worked for **Newsletter**-2016 editing for the college.
10. **Resource person** for STTP.

## APPENDIX/ECLOSURES

### DETAILS OF PUBLICATIONS: JOURNALS

Author(s)	Title of Article	Name of journal	Vol. No. Year and page number	ISSN
Saba Fatima, V. M. Vishwanath	A Heterogeneous Dynamic Scheduling Minimize Energy—HDSME	Proceedings of ICICC 2020 (International Conference on Innovative Computing and Communications) Advances in Intelligent Systems and Computing ©Springer Nature Singapore Pte Ltd. 2021	doi.org/10.1007/978-981-15-5113-0_8 Volume 1, Page No:97-115 ©Springer Nature Singapore Pte Ltd. 2021	0039-3347
Saba Fatima, V. M. Vishwanath	A Heterogeneous Dynamic Scheduling Minimized Make-Span for Energy and Performance Balancing on <i>Sipht</i>	Studia Rosenthaliana (Journal for the Study of Research)	DOI.05.748/JSR/2019.V11112/098.09272 Page No:173-182	0039-3347
Saba Fatima, V. M. Vishwanath	A Heterogeneous Dynamic Scheduling Minimized Make-span For Energy and Performance Balancing	2018 Second International Conference on Advances in Electronics, Computer and Communications (ICA ECC-2018)	978-1-5386-3785-2/18/\$31.00 ©2018 IEEE	978-1-5386-3785-2
Saba Fatima, Sangeeta K, Md. Sayeeduddin	Shoot Healing : Advance Technique in Sports Science	International Journal of Health, Physical Education & Computer Science in Sports	Proceeding ICPEYSS-2017 pg:7-11	2231-3265(Online and Print) Impact Factor 3.579

Sandeep B. K. Saba Fatima	An Authoritative Tool - Mobile Spy Tracker Agent	International Journal of Computer Applications	Proceedings NCSPIA-2015 pg:17-21	(0975 - 8887)
Sonal Suryavanshi, Rahul Suryavanshi, Saba Fatima	Image Reconstruction Using Generalized Hebbain Algorithm	International Journal on Emerging Technologies, IJET	Vol.6(2): 68-71, Special issue - NCRIET - 2015, November	ISSN No. Print :0975-8364, Online: 2249-3255
Saba Fatima , V.M. Vishwanath	Low Power VLSI-Survey on Advanced Power Management Technology	Indian Journal of Scientific Research , IJSR	Indian J.Sci.Res. 12(1):137-140, 2015.	ISSN: 0976-2876 (Print) ISSN: 2250-0138 (Online)
Prashant S. , Aarathi B., Saba Fatima	Position Recognition Through Clustering Approach In WSN	International Journal of Communications and Engineering, IJCAE	Vol.4 Issue 3; pg 374-384, September 2013	ISSN : 0988-0382E
Aarathi B, Saba Fatima	ECG analysis for the detection of RBBB and LBBB	World Journal of Science and Technology	Vol. 2, No.10(2012)	ISSN: 2231 - 2587
Saba Fatima, G. P. Kadam	Implementation of ANC system using Multi-rate Signal Processing Technique	World Journal of Science and Technology	Vol 2(5):15-20	ISSN: 2231 - 2587

#### DETAILS OF PUBLICATIONS: CONFERENCE / SEMINAR ETC.

Author(s)	Title of the Paper	Name of conference/ Workshop etc.	Vol. No. and page number	Year of Conference
Saba Fatima, V.M. Vishwanath	A Heterogeneous Dynamic Scheduling Minimized Make-span For Energy and Performance Balancing	2018 Second International Conference on Advances in Electronics, Computer and Communications (ICAEECC-2018)	978-1-5386-3785-2/18/\$31.00 ©2018 IEEE	Feb 2018
Saba Fatima, Sangeeta K, Md. Sayeeduddin	Shoot Healing : Advance Technique in Sports Science	International Conference on Physical Education, Yoga & Sports Science ICPEYSS-2017	Proceeding ICPEYSS-2017 Pg:7-11 2231-3265 (Online and Print) Impact Factor 3.579	March 2017
Saba Fatima , V. M. Vishwanath , Bhargav N, Vijaykumar K.	The Evolution of Real Gaming- 3D Graphics Processor	Recent Innovation in INFORMATION ,COMMUNICATION TECHNOLOGY AND MANAGEMENT (RIICTeM-2015) organized by VTU Regional Centre, Kalaburgi.	ISBN: 978-81-921740-4-4	May 2015

Saba Fatima, V.M. Vishwanath	The Impact of NEWS	Two Day National Conference on Women Empowerment(WE- 2015) organized by Bheemanna Khandre Institute of Technology, Bhalki.	ISBN: 978-81-929601-1-1	November 2015
Sanjay Gowre, Sanjeev Gogga, Saba Fatima , and A.S. Inamdar	All glass photonic crystal based sensor and Acquisition Conditioning Circuit for Rural Health	Health Tech-Innovations 2015, Make in India, Organized by SAMEER Govt. of India at IIT, Powai, Mumbai on 9th and 10th Jan 2015		January 2015.
Aartathi B, Saba Fatima	Detection of RBBB and LBBB in ECG	2 <sup>nd</sup> International Conference on Advancement in Engineering and Management ICAEM- Organized by Royal Institute of Technology, Hyderabad.	ISBN 978-93-5104-586-1	February 2013

#### **WORKSHOPS: ATTENDED / ORGANISED**

1. Attended and Organized Three Days National Level Workshop on “Challenges and Opportunities in Renewable Energy Systems for Sustainable India” and Techno Cultural Fest “Megabyte-2K17” , under ISTE Chapter BKIT, Bhalki during 13th -15th April 2017.
2. Resource person for session “Technology Teaching with Interactive Panel” during One Week National Level Short Term Training Programme on “Tools in Teaching, Learning & Research” organized by Department of Applied Science & Humanities, Bheemanna Khandre Institute of Technology, Bhalki sponsored by DTE, Bengaluru, IETE and ISTE, New Delhi from 25th to 30th November 2016.
3. Attended and participated in One Week National Level Short Term Training Programme on “Tools in Teaching, Learning & Research” organized by Department of Applied Science & Humanities, Bheemanna Khandre Institute of Technology, Bhalki sponsored by DTE, Bengaluru, IETE and ISTE, New Delhi from 25th to 30 November 2016.
4. Attended and participated in Two Week National Level Faculty Orientation Programme on “Educate the Educators” organized by Department of Applied Science & Humanities, Bheemanna Khandre Institute of Technology, Bhalki sponsored by VTU, Belagavi, DTE, Bengaluru, IETE and ISTE, New Delhi from 1st to 10th July 2016.
5. Attended ten days Short term Training Program on “Computer Basics and MS office”, from 8<sup>th</sup> dec’15 to 17<sup>th</sup> dec.2015 organized by Department of Computer Science, Bheemanna Khandre Institute of Technology, Bhalki.
6. Attended One Week Faculty Development Program on “Embedded System Design Using MSP430” Under TEQIP-II, organized by Department of Telecommunication Engineering, MSRIT and Technically supported by IEEE sensor council, Bengaluru Chapter during 20th to 24th July 2015.
7. Attended a Free and Open Source Software Training cum workshop on 20th September 2014, organized by Vivesvaraya Technological University, Regional Centre Gulbarga. Karnataka.

8. Attended one day workshop on “Rainwater Harvesting Interactive Techniques and Strategies” Organized jointly by Karnataka State Council for Science and Technology and VTU Belagavi on 2nd July 2015 held at VTU, RC, Kalaburagi.
9. Attended in One Day National Level Workshop on WE(Women Empowerment) organized by Rural Engineering College, Bhalki, Bidar on 20th March 2012.
10. One Day Workshop on MSP430 Ultra Low power device, organized by Dept. of ECE, BKIT, Bhalki during Feb 2012.

Thank you for taking the time to review my resume. I truly believe that my experience and education would make me a valuable asset for your organization. I'm particularly excited about the opportunity to learn and contribute to that effort.



**Signature of the Candidate**

