

# Curriculum Vitae



**Dr. Sayyad Shafiyoddin Badruddin**

**Assistant Professor and Head Computer & Management Science, Research Guide**

**Microwave & Imaging Spectroscopy Research Laboratory**

**Department of Physics,**

**Milliya Art's, Science and Management Science college BEED - 431 122 (MS) India**

**Curriculum Vitae****Name: Dr. Sayyad Shafiyoddin Badruddin****1. Personal Memorandum**

**Designation** : Assistant Professor, Physics &  
HOD Computer & Management Science

**Mailing Address** : Microwave & Imaging Spectroscopy Research Laboratory,  
Department of Computer & Management Science  
Milliya Art's, Science and Management Science  
College, BEED 431122 (MS) India

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**E-mail** : syedsb@rediffmail.com

**Date of Birth** : June 8, 1971

**Date of Appointment:** 01 August 1995

**2. Academic Qualification:**

<b>Sr. No.</b>		<b>Board/University</b>	<b>Grade/ Division</b>	<b>Year</b>
1	SSC	HSC and SSC board Aurangabad	First Division	1986
2	HSC	HSC and SSC board Aurangabad	Second Division	1988
3	GRADUATION	Marathawada University, Aurangabad	Second Division	1991
4	POST GRADUATION	Marathawada University, Aurangabad	First Division	1995
5	DCO	YCMOU Nashik	A Grade	1997
6	Ph.D.	Dr. Babasaheb Ambedkar Marathawada University, Aurangabad		2008

**3. Teaching Experience:****25 Years**

Department of Physics

Milliya Art's, Science and Management Science College, Beed 431122 (MS) India

**Head of the Department:****18 Years**

Department of Computer &amp; Management

Milliya Art's, Science and Management Science College, Beed 431122 (MS) India

**4. Specialization:**

Electronics

**5. Research Experience:****As a Research Scholar for doing Ph.D.** : 04 Years**After Ph.D. Independent Research** : 12 Years**Title of Ph.D. Thesis:**

Microwave Response of Aromatic Compounds with Alkoxyalkanols

**6. Research Interest:**

Microwave Remote Sensing, Hyperspectral Remote Sensing, Study of Planetary Bodies, Dielectric Characterization of Liquids, Nanotechnology, Embedded System

**7. Some Affiliations (Previous and Present)**

<b>Sr. No</b>	<b>Designation</b>	<b>Period</b>
1	Head of the Department, Computer & Management Science	Since 12 June 2003
2	Chairman Purchasing Committee	Since 2010
3	Co-coordinator - Management Science Faculty	Since 2014
4	Member of ISO	Since 2016
5	Chairman Computer & Management Science Admission Committee	Since June 2003
6	Chairman Mentor Committee	June 2016-May 2019
7	Member Mentor Committee	From June 2019
8	Member Research Committee	Since June 2018

**8. Academic Contribution: (College & University)**

Sr. No	Detail	Duration
1	Vice Chancellor's Nominee subject Expert for selection committee for appointment of College Faculty	From 2011
2	Member of College Affiliation Committee of Dr. B. A. M. U. Aurangabad	From 2011

**9. Membership of Professional/Learned Bodies/Societies/Events.**

Sr. No.	Details
1	Member of Executive body of Anjuman Ishat -E- Taleem, Beed.
2	Member of Executive body Association of Minority Institution Marathwada.
3	IEEE Senior Member IEEE (# 90420398)
4	IEEE Geoscience and Remote Sensing Society
5	IEEE Computer Society
6	IEEE Council on Superconductivity
7	IEEE Nanotechnology Council
8	IEEE Sensors Council
9	IEEE Microwave Theory and Techniques Society Membership
10	IEEE Dielectrics and Electrical Insulation Society Membership
	IEEE Council on Superconductivity
11	URSI Senior Member (#M1184008711791)
12	Life Member The Indian Science Congress Association (ISCA)(# L17211)
13	Senior Member International Association of Computer Science & Information Technology (IACSIT) (#80346948)
14	Life Member Indian Physics Teachers Association (IAPT)
15	Life Member Indian Physics Association (IPA)(# GEN/LM/13008)
16	Fellow of Institute of Electronics and Telecommunication Engineering (IETE) (#F211840)
17	Fellow Indian Academic Researchers Association (IARA)
18	International Association for Cyber Science and Engineering (IACSE)
19	Life Member IAPG International Association for Promoting Geoethics
20	Life Member Indian Society of Remote Sensing (ISRS)(#L4785)
21	Individual Member of the International Society for Photogrammetry and Remote Sensing (ISPRS)
22	Member Indian Radio Science Society (InRaSS) (#M2019037)

**10. Orientation/ Refresher/Short term courses attended:**

<b>Name of the Course / Summer School</b>	<b>Place</b>	<b>Duration</b>	<b>Sponsoring Agency</b>
Orientation	ASC, BAMU, Aurangabad	02-05-1998 to 30-05-1998	UGC
Refresher Course in Physics	--do--	01-03-2004 to 22-03-2004	UGC
Refresher Course in Physics	--do--	04-03-2006 to 25-03-2006	UGC
Winter School	--do--	08-11-2013 to 28-11-2013	UGC
STTP on Nanotechnology	Department of Chemical Technology, NMU Jalgaon	01-04-2010 to 12-04-2010	UGC
Refresher Course in Computer Application	UGC-HRDC DAVV, Indore	26-05-2020 to 08-06-2020	UGC
Workshop on MOOC's, e-Content Development & OER's	--do--	11-05-2020 to 16-05-2020	UGC
RS & GIS Technology	ISRO	13-06-2020 to 01-07-2020	ISRO-IIRS
NPTEL Online Certification, Remote Sensing Essentials	NPTEL Online	Jan-Apr 2020 12 Week Course	SWAYAM/NPTEL
FDP- BOSS Linux	Spoken Tutorial	15-04-2020 to 21-04-2020	PMMMNTT
FDP-LaTeX	Spoken Tutorial	7-04-2020 to 02-05-2020	PMMMNTT

**11. Major Research Project**

Sr. No.	Title	Agency	Period	Status
1	Modeling and Simulation of Hyperspectral Imager (HySI) Sensor Chandrayaan-1 Image for Lunar Mineral Mixing Analysis.	ISRO	3 Years (2016-2019)	Completed
2	Modelling and Assimilation of NISAR, L & S Airborne Synthetic Aperture Radar Land Images for Geophysical Parameter Retrieval	ISRO	3 Years (2017-2020)	Ongoing
3	Lunar Crust Evolution (Chandrayaan-2 Project)	ISRO	3 Years (From 2020)	Ongoing

**12. Expertise / Areas of Specialization**

Remote Sensing (Microwave and Hyperspectral), Embedded Systems, Liquid Dielectrics

**13. Conference/ Workshop Organized:**

Sr. No	Date	Topic	Role	Level
1.	23 <sup>rd</sup> -24 <sup>th</sup> Dec 2014.	Material Science and Technology (NCMST-2014),	Organizing Secretary	National
2.	30 <sup>th</sup> Nov 2016	AVISHKAR -2016	District Coordinator	University
3.	23 <sup>rd</sup> to 25 <sup>th</sup> Dec 2017	AVISHKAR-2017	Member of Organizing Committee	University
4.	August 11, 2017	National Workshop on Popularisation of Remote Sensing based Maps and Geospatial Information	Coordinator	National
5.	2 <sup>nd</sup> Jan 2020	Tutorial Session organized on Remote Sensing Application and Machine Learning at Dr. BAMU on RTIP2R-2020	Organizer	International
6.	3 <sup>rd</sup> to 4 <sup>th</sup> Jan 2020	3 <sup>rd</sup> Biennial International Conference on Recent Trends in Image Processing and Pattern Recognition (RTIP2R-2020) at Dr. BAMU, A'bad	Member of Organizing Committee	International
7.		AVISHKAR -2019	District Coordinator & Organizing Committee Member	University

**14. No. of Students Working Under Guidance Leading to Ph.D.**

Sr. No	Name of the Research student	Topic	Date of Registration	Ph.D. Award Date/ Progress
1	Mr. Anpat Sandip Maruti	Design and Development of A Dielectric Spectroscopy Sensor For Liquids Using Microcontroller Based System	July 2013	04-05-2018
2	Mr. Shaikh Mudassar Akhtar	Microwave SAR Image Analysis in Remote Sensing	July 2013	04-05-2018
3	Mr. Mohammed Zeeshan Raziuddin	Modeling and Simulation of Hyperspectral Imager (HySI) Sensor Chandrayaan-1 Image for Lunar Mineral Mixing Analysis	Dec-2016	10-09-2020
4	Mr. Ashok Kalyan Dongare	Dielectric Relaxation Study of The Psychopharmaceutical Substances with Polar Liquids Using Time Domain Reflectometry	Dec-2014	13-10-2020
5	Mr. Mangesh M. Kolapkar	Observation of Microclimatic Parameters in Greenhouse Using an Intelligent Microcontroller Based Embedded System	July 2013	15-10-2020
6	Mr. Patil Gopinath Gangadhar	Microwave Dielectric Characterization of Nanoscale Composites PN-Junction	July 2013	Thesis Submitted
7	Mrs. Shaikh Atiya Irfan	Study of Microwave Image Enhancement in The Spatial and Frequency Domain	July 2013	Ongoing
8	Mrs Jagtap Pornima Ramesh	Image Restoration in Microwave Active Remote Sensing Using Frequency Domain Technique	Dec-2014	Ongoing
9	Ajitkumar Chandramohan Yadav	Modelling and Assimilation of NISAR L & S Airborne Synthetic Aperature Radar Land Images for Geophysical Parameter Retrieval	Sep -2018	Co-Guide

**15. List of Conferences/Seminars/Workshops/Symposium attended:**

Sr. No	Event	Topic	Sponsored by	Place	Year& Date
1.	Webinar	<b>National Webinar</b> on Practicing Chemdraw, Origin and Mendeley tools in Research	LSM Govt. PG College, Pithoragarh	Online	8 <sup>th</sup> to 10 <sup>th</sup> Aug 2020
2.	Webinar	<b>National Webinar</b> on Recent Developments in Material Science and Nanotechnology	ACS College, Kille Dharur	Online	23 <sup>rd</sup> July 2020
3.	Webinar	<b>National Webinar</b> on Effective Ways to develop E-Content	Smt. DMC College, Mumbai	Online	9 <sup>th</sup> May 2020

4.	Webinar	<b>International Webinar</b> on Science, Engineering & Technology (IWCSET-2020)	Society for Technologically Advanced Materials of India (STAMI)	Online	15 <sup>th</sup> to 16 <sup>th</sup> May 2020
5.	Webinar	<b>Moodle: How to Use</b>	Dr. BAMU	Online	9 <sup>th</sup> May 2020
6.	Webinar	<b>International Webinar</b> on Antenna Design Through Simulation using TaraNG 19.1	IEEE MTT-S Kerala Section	Online	3 <sup>rd</sup> May 2020
7.	Webinar	<b>National Webinar</b> on CAS Promotion Issues & E-Content Development	Dnyandeo Mohekar College, Kalamb	Online	1 <sup>st</sup> to 2 <sup>nd</sup> May 2020
8.	Webinar	<b>International Webinar:</b> Empowering Teachers for Online Teaching & Learning	Dr. BAMU & BMS Solution Dubai	Online	1 <sup>st</sup> May 2020
9.	Webinar	<b>Effective Communication, Great Personality, and the New Smart You</b>	Wellspo Pvt. Ltd.	Online	25 <sup>th</sup> to 5 <sup>th</sup> May 2020
10.	Workshop	<b>One Day Workshop</b> on PABS-API for Teachers	Bharatiya Mahavidyalaya, Amravati	Online	23 <sup>rd</sup> July 2020
11.	FDP	<b>National Level FDP</b> on Virtual Physics Lab	Malla Reddy Institute of Engg & Tech, Hyderabad	Online	4 <sup>th</sup> to 5 <sup>th</sup> June 2020
12.	FDP	<b>Hands on FDP:</b> Data Science using Python	Jeppiaar Institute of Technology	Online	15 <sup>th</sup> to 22 <sup>nd</sup> May 2020
13.	Workshop	<b>International Workshop</b> on SPSS-Introductory Module	Research Foundation of India	Online	07 <sup>th</sup> to 9 <sup>th</sup> May 2020
14.	Workshop	<b>Four Day Course</b> on Use of Statistical Tools and Techniques for Social Science Research	Davangere University, Davangere	Online	20 <sup>th</sup> to 23 <sup>rd</sup> April 2020
15.	Conference	<b>National Conference</b> on Recent Advances in Science (NCRAS-2020)	Shivaji College, Kannad	Shivaji College, Kannad	13 <sup>th</sup> Feb 2020
16.	Conference	<b>National Conference</b> on Recent Advances in Physical Sciences (RAPS-2020)	Balbhim College, Beed	Balbhim College, Beed	8 <sup>th</sup> Feb 2020
17.	Conference	<b>3<sup>rd</sup> Biennial International Conference</b> on Recent Trends in Image Processing and Pattern Recognition (RTIP2R-2020)	DST	Dept of Compter Science & IT, Dr. BAMU	3 <sup>rd</sup> to 4 <sup>th</sup> Jan 2020
18.	Conference	<b>The Indian Science Congress Association</b>	ISCA	Banglore	3 <sup>rd</sup> to 7 <sup>th</sup> Jan 2020



19.	Conference	<b>2<sup>nd</sup> International Conference</b> on Soft Computing and Signal Processing (ICSCSP)	Springer	Malla Reddy College of Engineering & Technology (ICSCSP-2019)	21 <sup>st</sup> to 22 <sup>nd</sup> June 2019
20.	Conference	<b>National Conference</b> on Recent Trends in Material Science and Nanotechnology (RTMSN-2019)	ADABM College, Kada	ADABM College, Kada	17 <sup>th</sup> March 2019
21.	Conference	<b>National Conference</b> on Nanomaterials and Their Applications Critical (NCNA-2018/19)	Dr. BAMU, Aurangabad	ACS College, Kille Dharur	14 <sup>th</sup> Feb 2019
22.	Conference	<b>International Conference</b> on Emerging Trends in Microbiological Sciences & IPR (ETMS-IPR-2019)	Dr. BAMU & Microbiologist Society, India	Milliya College, Beed	7 <sup>th</sup> Feb 2019
23.	Conference	<b>International Conference</b> on Internet of Things (IoT) and its Applications	SPPU	New ACS College Ahmednagar	23 <sup>rd</sup> -24 <sup>th</sup> Jan 2019
24.	Conference	<b>1<sup>st</sup> International Conference</b> on Materials and Environmental Science (ICMES-2018)	Shivaji University, Kolhapur	Shivaji University, Kolhapur	07 <sup>th</sup> to 8 <sup>th</sup> Dec 2018
25.	Conference	<b>National Conference</b> on Nanostructured Materials and Nanotechnology	Shri Muktannd College, Gangapur	Shri Muktannd College, Gangapur	1 <sup>st</sup> Dec 2018
26.	Workshop	<b>NISAR Science Workshop</b>	SAC-ISRO, Ahmedabad	SAC-ISRO, Ahmedabad	15 <sup>th</sup> to 17 <sup>th</sup> Nov 2018
27.	Conference	<b>The 39<sup>th</sup> Asian Conference on Remote Sensing (ACRS-2018)</b>	AARS/MRSA/ MESTECC	Malaysia	15 <sup>th</sup> to 19 <sup>th</sup> Oct 2018
28.	Workshop	<b>State Level Workshop</b> on Quality Culture Development	IQAC Milliya College, Beed	IQAC Milliya College, Beed	24 <sup>th</sup> Aug 2018
29.	Workshop	<b>State Level Workshop</b> on Sexual Harassment of Women at Workplace	ICC Milliya College, Beed	ICC Milliya College, Beed	14 <sup>th</sup> Aug 2018
30.	Workshop	<b>One Day State Level Workshop</b> On Intellectual Property Right: Indian Perspective	RUSA-CAST & Milliya College, Beed	Milliya College, Beed	14 <sup>th</sup> Feb 2018
31.	Workshop	<b>Training Program</b> on Soil Moisture and Agricultural Monitoring using Microwave Remote Sensing	SAC-ISRO & IEEE-GRSS	SAC ISRO, Ahmadabad	7 <sup>th</sup> to 9 <sup>th</sup> Feb 2018
32.	Conference	<b>International Interdisciplinary Conference</b> on Curriculum Reforms in Higher Education Global Scenario (IICCRHE-2018)	Shivaji University, Kolhapur	Shivaji University, Kolhapur	4 <sup>th</sup> – 6 <sup>th</sup> Feb 2018
33.	Workshop	<b>One Day State Level Workshop</b> on Revised Accreditation Framework of NAAC	Kalikadevi College, Shirur Kasar	Kalikadevi College, Shirur Kasar	31 <sup>st</sup> Jan 2018

34.	Conference	<b>International Conference</b> on Advances in Functional Materials (ICAFM-2018)	Pune University	KTHM College, Nashik	12 <sup>th</sup> -13 <sup>th</sup> Jan 2018
35.	Workshop	<b>One Day Workshop</b> on Electronic Science Project Selection, Designing, Building, Report Writing and Presentation	BCUD Pune University	New Arts, Commerce and Science College, Ahmadnagar	6 <sup>th</sup> Jan 2018
36.	Conference	<b>International Conference</b> on Applied Science (ICAS-17)	Shri Kumarswami Mahavidyalaya, AUSA	Shri Kumarswami Mahavidyalaya, AUSA	26 <sup>th</sup> -27 <sup>th</sup> Dec 2017
37.	Conference	<b>National Conference</b> on Dielectric Relaxation and Spectroscopic Techniques (NCDRAST-2017)	SRT University, Nanded	SRT University, Nanded	14 <sup>th</sup> -15 <sup>th</sup> Dec 2017
38.	Conference	<b>The 38<sup>th</sup> Asian Conference on Remote Sensing (ACRS-2017)</b>	ISRO, ISRS, AARS, ISG	The Ashok Hotel, New Delhi	23 <sup>rd</sup> -27 <sup>th</sup> Oct 2017
39.	Workshop	<b>National Workshop</b> on Popularisation of Remote Sensing Based Maps & Geospatial Information	ISRS & ISRO	Online	11 <sup>th</sup> Aug 2017
40.	Workshop	<b>Workshop on</b> Research Opportunities at RUSA Centre for Advanced Sensor Technology and Drafting of Research Proposal	RUSA- CAST, Dr. B. A. M. U. Aurangabad & IQAC, Milliya College, Beed	Milliya College, Beed	25 <sup>th</sup> April 2017
41.	Conference	<b>1<sup>st</sup> International Conference</b> on Digital Signal and Image Processing (ICoDISP-2017)	MIT, Aurangabad	MIT, Aurangabad	7 <sup>th</sup> – 8 <sup>th</sup> March 2017
42.	Conference	<b>National Conference</b> on Innovation in Nanomaterials and Nanotechnology- 2017 (NCINMNT-2017)	Dr. B. A. M. U. Aurangabad	Raj. Shahu College, Pathri, Tq. Phulabri, Dist: Aurangabad	21 <sup>st</sup> Jan 2017
43.	Conference	<b>2<sup>nd</sup> International Conference</b> on Cognitive Knowledge Engineering (ICKE-2016)	UGC, ISRO, DST	Dept. of Comp. Sci. Dr. B. A. M. U. Aurangabad	21 <sup>st</sup> to 23 <sup>rd</sup> Dec 2016
44.	Conference	<b>National Conference</b> on Recent Trends in Physical, Chemical and Biosciences (RTPCB-2016)	BCUD, SP Pune University, Pune	Vidya Pratishthan's ASC, College, Baramati	16 <sup>th</sup> to 17 <sup>th</sup> Dec 2016
45.	Seminar	<b>National Seminar</b> on Role of ICT in Higher Education for Quality Improvement	NAAC, Bangalore	KSK College, Beed	29 <sup>th</sup> to 30 <sup>th</sup> Sep 2016
46.	Conference	<b>National Conference</b> on Digital Image & Signal Processing (NCDISP-2016)	SP Pune University, Pune	MAEER's ACS College, Pune	19 <sup>th</sup> to 20 <sup>th</sup> Feb 2016

47.	Conference	<b>International Conference</b> on Emerging Trends and Issues in Research & Development (ETIRD-2016)	SP Pune University, Pune	MSG College, Malegaon	17 <sup>th</sup> to 18 <sup>th</sup> Feb 2016
48.	Conference	<b>International Conference</b> on Materials Science and Ionizing Radiation Safety & Awareness ICMSIRSA-2016)	UGC, ASIST, DST	Dept. of Physics, Shivaji University Kolhapur	28 <sup>th</sup> to 30 <sup>th</sup> Jan 2016
49.	Conference	<b>103<sup>rd</sup> Indian Science Congress</b>	ISCA, Govt. of India	University of Mysore, Mysuru	3 <sup>rd</sup> to 7 <sup>th</sup> Jan 2016
50.	Conference	<b>International Conference</b> on Functional Materials & Microwaves (ICFMM-2015)	Dr. B. A. M. U. Aurangabad	Dept. of Physics Dr. B. A. M. U. Aurangabad	28 <sup>th</sup> to 30 <sup>th</sup> Dec 2015
51.	Conference	<b>International Conference</b> on Innovative Minds (ICITDCEME-2015)	IJIERT	Vishwabharati Academy's COE, Ahmadnagar	28 <sup>th</sup> to 29 <sup>th</sup> Dec 2015
52.	Training Program	Development of Minority Community <b>Training Program</b>	YASHDA, Pune	Yashda, Pune	31 <sup>st</sup> October to 2 <sup>nd</sup> November 2015
53.	Conference	<b>National Conference</b> on Emerging Trends in Electronics and Computer Science (ETECS-2015)	UGC, DST, IEEE, SSCS & CAS	Shivaji University, Kolhapur	13 <sup>th</sup> to 14 <sup>th</sup> Feb 2015
54.	Conference	<b>National Conference</b> on Digital Image & Signal Processing (NCDISP-2015)	SP Pune University, Pune	MAEER's ACS College, Pune	12 <sup>th</sup> to 13 <sup>th</sup> Feb 2015
55.	Conference	<b>National Conference</b> on Material Science & Technology (NCMST-2014)	UGC, DST & BRNS	Milliya College, Beed	23 <sup>th</sup> to 23 <sup>th</sup> Dec 2014
56.	Conference	<b>National Conference</b> on Material Science - 2014	UGC	KSK College, Beed	12 <sup>th</sup> to 13 <sup>th</sup> Dec 2014
57.	Workshop	<b>National Workshop</b> on Emerging Trends in Geospatial Technology for smart city	S. R. Geospatial Chair Dr. B. A. M. U. Aurangabad	S. R. GeoSpatial Chair Dr. B. A. M. U. Aurangabad	19 <sup>th</sup> -20 <sup>th</sup> Sep 2014
58.	Conference	<b>National Conference</b> on non-Conventional Energy Sources for Rural Development of India	UGC	Mahatma Gandhi Mahavidyala, Ahmedpur, Dist. Latur	5 <sup>th</sup> – 6 <sup>th</sup> Sep 2014
59.	Seminar	<b>National Seminar</b> on Research Methodology in Physical Science	UGC	Balbhim College, Beed	15 <sup>th</sup> – 16 <sup>th</sup> Feb 2014
60.	Workshop	<b>National Workshop</b> on Microwave Remote Sensing	S. R. Geospatial Chair Dr. B. A. M. U. Aurangabad	S. R. GeoSpatial Chair Dr. B. A. M. U. Aurangabad	22 <sup>nd</sup> – 24 <sup>th</sup> Jan 2014
61.	Conference	<b>National Conference</b> Microwave Techniques and Applications (NCMTA-2013)	UGC	Dept. Of Physics Maulana Azad	29 <sup>th</sup> – 30 <sup>th</sup> November 2013

				College Aurangabad	
62.	Training Camp	<b>One day Training Camp</b> for Secondary School Teachers (Urdu Medium)	FAME & AIT, Beed	Milliya Boys High School, Beed	5 <sup>th</sup> Oct 2013
63.	Conference	<b>56<sup>th</sup> Annual Technical Convention &amp; National Conference</b> on Growth of Technologies in Electronics, Computers and Telecom- Indian Perception ( <b>GTECT-2013</b> )	IETE	IETE Mumbai	28 <sup>th</sup> – 29 <sup>th</sup> September 2013
64.	Seminar	<b>National Seminar</b> on Innovative Teaching Methods in Physics	UGC	Deogiri College, Aurangabad	30 <sup>th</sup> – 31 <sup>st</sup> August 2013
65.	Workshop	<b>Two Day Workshop</b> on "Microcontrollers and Its Applications"	IETE	Maulana Azad College, Aurangabad	05 <sup>th</sup> – 06 <sup>th</sup> July 2013
66.	Conference	<b>2<sup>nd</sup> International Conference</b> on Current Trends and Challenges in Management, Engineering, Computer Applications and Technology	Choice Institute of Management Studies and Research, Pune	Deogiri Institute of Engineering and Management Studies, Aurangabad	23 <sup>rd</sup> – 24 <sup>th</sup> March 2013
67.	Seminar	<b>17<sup>th</sup> National Seminar</b> on : Ferroelectrics & Dielectrics” (XVII NSFD-2012)	Depart. of Physics, ITER, SOA University, Bhubaneshwar	Department of Physics, ITER,SOA University, Bhubaneshwar	17 <sup>th</sup> to 19 <sup>th</sup> December 2012
68.	Conference	<b>International Conference</b> on Nanocon 012-IIInd International Conference, Nanotechnology- Innovative Materials, Processes, Products and Applications	JSSN, TUSKEGE University, CMET, DST	Bharati Vidyapeeth University, Pune	18 <sup>th</sup> & 19 <sup>th</sup> Oct 2012
69.	Conference	<b>National conference</b> on “Advances in Computing“	UGC	Department of CS, NMU, Jalgaon	16 <sup>th</sup> – 17 <sup>th</sup> March 2012
70.	Conference	<b>National conference</b> on “Research in Chemical Sciences“	UGC, CSIR, ACTRA	Milliya College BEED	1 <sup>st</sup> & 2 <sup>nd</sup> Feb 2011
71.	Workshop	<b>One Day Workshop</b> on “ <b>Physics Practical’s</b> ”	BAMU	Deogiri College, Aurangabad	22 <sup>nd</sup> Jan 2011
72.	Conference	<b>National conference</b> on “ Recent trends in Environmental Toxicology “	UGC,IAAB	Milliya College BEED	4 <sup>th</sup> – 5 <sup>th</sup> August 2010
73.	Seminar	<b>Regional level Seminar</b> on “Modern Trends in Physics”	UGC and BAMU	Swa Sawarkar college, BEED	9 <sup>th</sup> Feb 2010
74.	Short Term Training	<b>Short Term Training Program (STTP)</b> on Diverse Aspects of Nano Science and Technology"	UGC	Department of Chemical Technology, NMU Jalgaon	1 <sup>st</sup> - 2 <sup>th</sup> April 2010

75.	Conference	<b>International Conference</b> on "Lasers and Advanced Materials" (ICLAM-2010)	UGC, DST BCUD University of Pune	Department of Physics Abasaheb Gaarware College, Pune	6 <sup>th</sup> - 8 <sup>th</sup> March 2010
76.	Conference	<b>National Conference</b> on "Recent Trends in Computer Application (NCRTCA-2010)	UGC	Department of Management Science Dr. B. A. M. University, Aurangabad	17 <sup>th</sup> - 18 <sup>th</sup> February 2010
77.	Conference	<b>International Conference</b> on "Recent Advances in Microwave Theory and Applications"	UGC, IEEE, IETE	Department of Physics, University of Rajasthan Jaipur	21 <sup>st</sup> - 24 <sup>th</sup> November 2008
78.	Workshop	<b>National Workshop 67<sup>th</sup> BRNS-IANCAS</b> "Radiochemistry and Applications of Radioisotopes"	BARC	Department of Physics Dr. B. A. M. University, Aurangabad	11 <sup>th</sup> - 18 <sup>th</sup> August 2008
79.	Seminar	<b>State level Seminar</b> on "Advanced Study in solid state Physics and Crystallography"	UGC	Balbhim college, BEED	15 – 16 <sup>th</sup> March 2008
80.	Conference	<b>International Conference</b> on "Microwaves and optoelectronics" (ICMO 2007)	UGC, IEE, ISRO & DST	Dr. BAMU, Aurangabad	17 <sup>th</sup> -20 <sup>th</sup> December 2007
81.	Conference	<b>International Conference</b> on "Advances in Computer Vision and Information Technology" (ACVIT-07)	UGC, IEEE	Dept. of CS & IT , Dr. BAMU Aurangabad	28 <sup>th</sup> - 30 <sup>th</sup> Nov 2007
82.	Conference	<b>International Conference</b> on "Advanced Materials and Applications – 2007"	UGC, DST	Dept of Physics Shivaji University , Kolhapur	15 <sup>th</sup> -17 November 2007
83.	Workshop	<b>Regional Level workshop</b> on "Effective Teaching Methods in Physics and Scope Of UGC Curricula"	UGC & Dr. BAMU Aurangabad	Dept of physics, Barwale College Jalna	12 <sup>th</sup> -13 <sup>th</sup> Feb,2007
84.	Conference	<b>National Conference</b> on "Current Trends in Material Research for Advanced Technology" (NCMART-2007)	UGC, DST	Department of Physics Dr. B. A. M. University, Aurangabad	29 <sup>th</sup> - 31 <sup>th</sup> January 2007
85.	Conference	<b>National Conference</b> on "Recent Advances in Microwave Technique and Applications"	UGC, IEEE, IETE	Department of Physics, University of Rajasthan Jaipur	6 <sup>th</sup> - 8 <sup>th</sup> October 2006

86.	seminar	<b>Regional level seminar</b> on “ Design of Curriculum of B.Sc., Physics Course	UGC	Shrikrishna Mahavidyalaya Gunjoti	9 <sup>th</sup> Sept 2006
87.	Workshop	<b>State level workshop</b> on “B.Sc. physics Practical’s”	UGC	Dept. Of Physics Maulana Azad College Aurangabad	16 <sup>th</sup> September 2005
88.	Workshop	<b>Workshop</b> on "Satellite Data Processing (Remote Sensing Applications)	UGC	J E S College Jalna	14 <sup>th</sup> -15 <sup>th</sup> March, 2005
89.	Workshop	<b>Workshop</b> on e-Learning	MKCL	Cyber Infotech, Beed	29 <sup>th</sup> Nov -4 <sup>th</sup> Dec, 2004
90.	Workshop	<b>State level workshop</b> on “B.Sc. physics Practical’s’	UGC	Deogiri College Aurangabad	20 <sup>th</sup> August 2004
91.	Conference	<b>National conference</b> on “Micro waves and Optoelectronics”	UGC and DST	Dept. Of Physics, Dr. BAMU Aurangabad	29 <sup>th</sup> -30 <sup>th</sup> June, 2004
92.	Workshop	<b>State level workshop</b> on “Physics experiments in new curriculum”	UGC	J E S College Jalna	12-13 <sup>th</sup> September 2003
93.	Workshop	<b>Regional level workshop</b> on new syllabus of B.Sc. I Year Physic paper IV “Programming in C++”	UGC and Dr. BAMU Aurangabad	Swa. Sawarkar college BEED	22 <sup>nd</sup> & 23 <sup>rd</sup> April 2003
94.	Workshop	<b>Workshop</b> on " Effective & Efficient Preparation of SET Examination"	Dr. BAMU Aurangabad	Dept. of CS & IT , Dr. BAMU Aurangabad	17 <sup>th</sup> - 19 <sup>th</sup> January 2003
95.	Seminar	<b>Regional Level Seminar</b> on "Raman Effect on Spectroscopy"	Dr. BAMU Aurangabad	Balbhim College, Beed	6 <sup>th</sup> & 7 <sup>th</sup> February 1999
96.	Seminar	<b>Regional Level Seminar</b> on "Spectroscopy"	Dr. BAMU Aurangabad	Balbhim College, Beed	8 <sup>th</sup> & 9 <sup>th</sup> January 1998

### 16. Citations Index:

Sr. No	Indexing/Citation database Agency	Citations	H - Index	i10 Index
1.	Google Scholar Status	78	5	1
2.	Scopus Status	20	3	2

## 17. PUBLICATIONS

**Peer-reviewed International / National Journals - (86)**

- [1] Mohammed Zeeshan R., **Sayyad Shafiyoddin B.** (2020) "Modeling the Chandrayaan-1 Hyperspectral (HySI) Data for Mineral Mixing Analysis". In: Reddy V., Prasad V., Wang J., Reddy K. (eds) Soft Computing and Signal Processing. ICSCSP 2019. Advances in Intelligent Systems and Computing, vol 1118. Springer, Singapore. [https://doi.org/10.1007/978-981-15-2475-2\\_44](https://doi.org/10.1007/978-981-15-2475-2_44)
- [2] Mohammed Zeeshan R., **Sayyad Shafiyoddin B.** (2020) "Implementation of the Bidirectional Reflectance Function for Modeling the Spectra Derived from Hyperspectral Images". In: Reddy V., Prasad V., Wang J., Reddy K. (eds) Soft Computing and Signal Processing. ICSCSP 2019. Advances in Intelligent Systems and Computing, vol 1118. Springer, Singapore. [https://doi.org/10.1007/978-981-15-2475-2\\_45](https://doi.org/10.1007/978-981-15-2475-2_45)
- [3] **S. B. Sayyad**, R. Mohammed Zeeshan, "Mineralogical Mapping Using Chandrayaan-1 Hyperspectral (HySI) Data from the South Pole Region", NASA-Lunar Surface Science Workshop (2020), Abstract #5039, NASA, <https://www.hou.usra.edu/meetings/lunarsurface2020/pdf/5039.pdf>
- [4] Dongare A. K., Kumbharkahane A. C., **Sayyad S. B.**, "Study Of Effect On Bruggeman Factors As A Dielectric Parameters Of Ethanol With Atarax, Diazepam And Lorazepam Using Time Domain Reflectometry", Our Heritage, ISSN: 22-29, V 68 (38) , pp. 600-610, Feb 2020.
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- [6] Pradnya R Maheshmalkar, Shivanand V Kshirsagar, **Shafiyoddin B Sayyad**, Rupesh R Kokate, "Advances in Science and remote sensing", Our Heritage, ISSN: 474-9030, V 68 (38), pp. 137-143, Feb 2020.
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- [9] Sanjay K. Tupe, A. K. Dongare, **Sayyad S. B.**, "Study of RC Coupled Amplifier using PSPICE", Our Heritage, ISSN: 474-9030, V 68 (38), pp. 259-263, Feb 2020.
- [10] **S. B. Sayyad** and Mohammed Zeeshan R, "Modeling and Simulation of the Chandrayaan-1 HYSI Data for Mineral Mixing Analysis" In 4<sup>th</sup> Planetary Data Workshop 2019, Lunar and Planetary Institute, NASA Contribution No. 2151, pp. 7074, June 2019
- [11] **Sayyad S. B.**, Shaikh M. A., Ajit Kumar, Khirade P. W., "Vegetation Area Estimation Using Microwave C-Band SIR-C Image", Pune Research Times, ISSN: 2456-0960, Special Issue Feb 2019, pp.1-6
- [12] **Sayyad S. B.**, G. G. Patil, Khirade P. W., "Comparative Study of Dielectric Properties of CuO/ ZnO Nanocomposite in 1:1, 1:2 and 2:1 Weight Ratio", Pune Research Times, ISSN: 2456-0960, Special Issue Feb 2019, pp.1-4

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