


SRES', Sanjivani College of Engineering, Kopargaon
(An Autonomous Institute affiliated to SPPU, Pune)

Staff Profile

Personal Information			
Name of Teaching Staff: BalasahebShrirangraoAgarkar			
Designation: Professor and Head			
Department : Electronics and Telecommunication Engineering			
Date of joining : 01-10-1990			
E Mail ID :	hodetccoe@sanjivani.org.in		
Contact No:	9423386132		
Education Details			
Qualification	Specialization with Class or Grade	University	Year
UG	BE Electronics Engineering, First Class With Distinction	Marathwada University, Aurangabad	1990
PG	M. Tech. Electronics Design Technology, First Class	Dr. B. A. Marathwada University, Aurangabad.	1999
Ph.D	Electronics Engineering	S R T M U, Nanded.	2016
Total experience in years:			
Teaching:	31 Years		
Industry:	01 Year		
Research and Publications			
<ol style="list-style-type: none"> 1. B. S. Agarkar, Akash M. Sonawane, Kartikeya R. Shinde, Parth R. Rane and Ajay S. Dive, "Water Level Monitoring and Control System," International Journal of Radio Frequency Design, Journals Pub, Noida, Volume 6 Issue No.1, pp. 18-26. 2. B. S. Agarkar and U. V. Kulkarni, "Hyper Space Point Location: A Memory Efficient High-Speed Multifield Packet Classification algorithm," Accepted for publication by International Journal of Communication Networks and Distributed Systems, Inderscience 			

Publishers, Dec. 2017.

3. BhagyashreeArunAher and B. S. Agarkar, "Digital Audio Implant in an Image for Information Protection," International Journal of Engineering Science and Computing (ISSN 2321 3361), Volume 7 Issue No. 6, pp. 13623-13626, June 2017.
4. Kiran S. Kale and B. S. Agarkar, "Statistical Analysis and Control of Atmospheric Parameters Using Wireless Sensor Network for Human Comfort," International Research Journal of Engineering and Technology (IRJET) (2395-0072), Vol. 2, no. 4, pp. 1-6, July 2015.
5. Miss Battise Priyanka Y. and B. S. Agarkar, "A Fast and Efficient Vision Based Approach for Detection of Fire in Real Time Scenario," International Journal of Engineering Sciences & Research Technology (2277-9655), Vol. 4, no. 6, pp. 644-651, June 2015.
6. B. S. Agarkar and U. V. Kulkarni, "A Novel Technique for Fast Parallel Packet Classification," International Journal of computer Applications (0975-8887), Vol. 76, pp. 18-25, August 2013.
7. Y. R. Khandekar and B. S. Agarkar, "De-noising and De-blurring Techniques to Restore Degraded Images," International Conference on Recent Trends in Engineering & Technology-2013(ICRTET'2013), SNJB's Late Sau. K. B. Jain College of Engineering, Chandwad Dist. Nasik M. S., India, pp 1280-1284, 22-24 Feb 2013.

Papers presented in conferences:

1. B. S. Agarkar, R. G. Zope, and D. G. Lokhande, "PC TO PC Communication using Fiber Optic Channel (RS485 Standard)," National Conference on Modern Trends in Information and Communication Technology (NCMTICT 2005), held during 20th to 22nd Oct. 2005, J. D. I. E. T., Yavatmal.
2. B. S. Agarkar, R. G. Zope, and D. N. Kyatanavar, "Remote Weather Monitoring System," Second Control Instrumentation System Conference (CISCON 2005) held at MIT, Manipal during 11th and 12th November, 2005.
3. M. S. Patil, D. N. Kyatanavar and B. S. Agarkar, "A Novel Low Cost Digital Refractometer," Second Control Instrumentation System Conference (CISCON 2005) held at MIT, Manipal.
4. R. G. Zope, B. S. Agarkar and T. E. Rao, "PC Based Robotic Arm," National conference on Signal Processing, Communication and Control-01, held at VIT, Pune during 2nd –3rd July, 2005.
5. R. P. Sood, R. G. Zope, M. S. Patil, D. N. Kyatanavar and B. S. Agarkar, "Online Remote Weather Monitoring System," 37th Mid Term Symposium and Exhibition on Information Communication Technology Initiative for Rural Developments (ICTIRD-06) held during 7th to 9th Apr. 2006, at IETE Kolkata Centre.
6. B. S. Agarkar, D. N. Kyatanavar and B. K. Shirgapur, "PC TO PC Communication using Fiber Optic Channel," National Conference on Recent Trends in Computer and Communication Networking (RTCCN-04), 2nd and 3rd July 2004, at J. D. I. E. T., Yavatmal.
7. R. G. Zope, B. S. Agarkar and D. N. Kyatanavar, "Industry Institute Interaction: Need of the Hour," National Seminar on Achieving World Class Excellence: Education and Industry, held during 26th to 28th NOV.2004 at YCCE Nagpur.
8. M. B. Mali and B. S. Agarkar, "Micro controller based Photo-Voltaic Station with battery life extender," National Renewable Energy Convention-99, 20th to 22nd Dec 1999

Indore.	
9.	B. S. Agarkar, “Strategic Planning of Technical Education in the next Millennium,” 30th Annual Conference on Education and Educational Technology-2000, Coimbatore; Organized by all India Association for Educational Technology, New Delhi.
10.	B. S. Agarkar, N. Y. Siddiqui D. N. Kyatanavar, “RFID Based Railway Tracking System,” National Conference on “Emerging Trends in Information Technology” (NCETIT’08)-2008, Aurangabad.
Research Profile URL	
Google Scholar	https://scholar.google.com/citations?hl=en&view_op=list_works&gmla=AJsn-F5UdQkkCAcGQEItkd6gwps8wBt7y91XJD4Q1b4Adgvs_3hgJr9C51ZNcdtja85pQbsndYKJLbSbKk6TjQegYGhEWClpjg&user=uUtXhr0AAAAJ
Scopus	https://id.elsevier.com/settings/redirect?code=5MP5_R7AvzkLauEPFf20TkJ8e0NeJIHmFmBbC_w2
Orcid	https://orcid.org/my-orcid?orcid=0000-0002-2775-8095
Other Research Details	
Ph D Guide ?Give field & University:	Yes. Field: Electronics and Telecommunication Engineering University: Savitribai Phule Pune University, Pune
Ph Ds/ Projects Guided:	Ph. D. 06 / PG Projects: UG Projects:
Books Published	---
IPRs/Patents	---
Professional Memberships:	<ul style="list-style-type: none"> • Institute of Electrical and Electronics Engineers (IEEE): Member (92217728) • Institute of Electronics and Telecommunication Engineers (IETE): Fellow (F174514) • The Institution of Engineers (India): Fellow (Division ET) (F-1238465) • Solar Energy Society of India (SESI): Life Member (0915/LM/2000) • Indian Society for Technical Education (ISTE): Life Member (LM10949)
Interaction with professional institutions	<ul style="list-style-type: none"> • As a Session Chair at International Conference on Advances in Communication and Computing Technology (ICACCT) 2018 at Amrutvahini College of Engineering, Sangamner.

Consultancy Activities			
Duration	Title of Activity	Issued Organization	Amount
2017-18	Manufacturing of Solar Power e-Tricycle	Energy Marketers, Pune	32914.00
Grants fetched			
Duration	Title	Issued Organization	Amount
2019-2021	MODROBS Proposal for Microwave & Fiber Optic Communication Lab	AICTE, New Delhi	1000000
2019-2020	Two week FDP Grant	AICTE, New Delhi	522000
Awards			
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FACULTY DEVELOPMENT PROGRAMMES ATTENDED			
Name of the FDP / Workshop	Organization	Duration	Month-Year
FDP on “ Outcome Based Education”	Sanjivani college of Engineering, Kopargaon	1 Day	14 th July 2019
Workshop organized for university management council and senate members	Savitribai Phule Pune University, Pune	2 Days	20 th & 21 st Oct 2018
TEQIP approved faculty development program on “Security challenges in computer science”	Shri Guru GobindSinghji Institute of Engineering and Technology, Nanded.	1 week	24 th to 28 th June, 2013
International workshop on “Problem & Project Based Learning”	Sandip Institute of Engineering & Management, Nashik- 422 213 [M. S.] India	1 Day	16 th March, 2013
Advanced Communication Systems (STTP-ACS 2008)” approved by ISTE and organized by during	Dept. of Electronics and Telecom. Engineering, VIIT, Pune	1 week	23 rd to 28 th June, 2008.

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED				
Name of the FDP / Workshop	Organization	Duration	Month-Year	Capacity
Emerging Trends in Speech, Image and Video Processing Techniques	Sanjivani College of Engineering, Kopergaon.	Two Weeks	25 th Nov-7 th Dec 2019	Coordinator
INVITED LECTURES IN CONFERENCE/SEMINAR				
Title of Lecture/ Academic Session	Title of Conference/ Seminar etc.	Organized By		
Expert Lecture on “Computer Networks” 2015	Faculty Orientation Workshop on BE (E&Tc/ELEX) Revised Syllabus 2012 Course	AISSMS' Institute of Information Technology , Pune		

OTHER Professional URLs	
Personal Website	NIL
Linked In Profile	https://www.linkedin.com/in/balasahebtagarkar977/
GitHub URL	NIL
You tube channel	https://studio.youtube.com/channel/UCHGPB2glEhKy1SGdr8ccclgg