

BIO-DATA

Name : Prachi H Bhagat

Designation: Assistant Professor

Experience: 7.5 years

Educational Qualifications: ME(EC)

Ph.D. topic: NA

Recognized Ph.D. guide at: NA

Research Areas: Optical Communication, WSN, Embedded Systems

Research Project Completed: NO

PATENTS:

- **Patents (Design) Obtained: NA**
- **Patents filed and published in patent journal: NA**
- **Copyright filed: NA**
- **Trade Mark registration filed: NA**

Book Chapter: NA

Member of Professional Bodies: ISTE

Reviewer of Journals: NA

Countries Visited: NA

Publications:

- **International Journal Papers: 03**
- **National Journal Papers: 00**
- **International Conference: 02**
- **National Conference: 00**

Publications:

1. Prachi.H. Bhagat and Nutun Shape “Implementation of hamming code using VLSI”, *International Journal of Engineering Trends and Technology*- Volume 4, Issue2- 2013.
2. Prachi. H. Bhagat and Satvashil Gaikwad “A Review of Face Recognition System Using Wavelet Transform on Beagleboard-XM”, *IJIRD Journal*, Volume2, Issue 2, Feb 2013.



3. Prachi H. Bhagat and D. Jakkan “Coal Mine Monitoring System Based on Wireless Technology and ARM” *International Journal of Engineering 2013, Vol.2 - Issue 8 (August - 2013), ISSN: 2278-0181.*

4. Prachi H. Bhagat and Vijaya Nagargoje “Virtual Laboratory of Control System” *IEEE International conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud)(I-SMAC 2017).*

5. Prachi H. Bhagat and Komal S. Shinde “Industrial Process Monitoring System Using IOT” *IEEE International conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud)(I-SMAC 2017).*

Consultancy/ Testing: Yes

S.No.	Financial Year	Name of faculty (Chief Consultant)	Client Organization	Title of Consultancy of project	Amount received (in Rupees)
1	2015-16	Prof.P.H.Bhagat	Samajik Vanikarn Department	LED Video Wall Tile Specification	3435/-

Conferences / Workshop Organized: Yes

Lists of Workshop Organized for Students:

Sr.No	Details of Workshop	Date & Year
1	Plc Programming	27 th NOV - 08 th DEC 2016
2	Soft Skill Development Programme	20 th FEB – 04 th MARCH 2017

Short Term Training Programme Organized: NA

Edited Books Published: NA

Expert Lectures Presented: NA

Short Term Training Programmes Participated: Yes

Lists of short term training Programme

Sr.No	Details of FDP attended (including title of training, name of department and institute where training is attended ,)	Year
1	ISTE STTP on SOCTAPE-2011 20 Jun 2011 to 1st July 2011, Government College of Engineering, Aurangabad	2011
2	ISTE Skill Matrix Enhancement and effective Teaching Learning for quality technical education 28.11.2011 to 09.12.2011, Government College of Engineering, Aurangabad	2011
3	ISTE Engineering Optimization Techniques and its applications in Research 02.01.2012 to 12.01.2012 , Government College of Engineering, Aurangabad	2012
4	AICTE Embedded System Development using DSP's 20/5/2013 to 31/05/2013, College of Engineering Pune	2013
5	AICTE Advanced Power Electronics and Drives 09/12/2013 to 20/12/2013, Walchand College of Engineering Sangali	2013
6	AICTE FPGA prototyping using Verilog 25/06/2012 to 30/06/2012 , Indian Institute of Technology Kharagpur	2012
7	Cep Advanced DSP design Techniques 02/07/2012 to 06/07/2012 , Indian Institute of Technology Kharagpur	2012
8	Tarinig Program on OrCad Software 15/01/2013 to 19/01/2013 WINSpect Info-system Pvt. Ltd. ,Navi Mumbai and Government College of Engineering Aurangabad	2013
9	TEQIP Soft computing Tools and its Applications in Engineering 03/06/13 to 07/06/2013, Government College of Engineering, Aurangabad	2013
10	TEQIP System Design using FPGA 24/06/2013 to 28/06/2013, Government College of Engineering, Aurangabad	2013
11	TEQIP "Signal & Image Processing" (SIP- 2017), scheduled during Feb 6 th ,2017 to Feb 10 th , 2017, by ETC Dept, Government College of Engineering, Aurangabad	2017
12	ISTE "CMOS, MIXED SIGNAL AND RADIO FREQUENCY VLSI DESIGN " under MHRD NMEICT which is being organized in Marathwada Institute of Technology, Aurangabad, by IIT Kharagpur during Jan 30 , 2017 to Feb 04, 2017	2017

13	TEQIP “Optimization in Machine Learning” organized by IT Department GECA from 27th Feb to 3rd March 2017	2017
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Conference / Seminar / Workshop Participated: Yes

S. No	Conference (including :authors, Title of paper, topic of conference, page nos., Vol. No., Year, ISSN No., DOI)	Duration	Place
1	“Coal mine monitoring system based on wireless technology and arm”, National Conference on Futuristics Applications in Electronics Engg.NCFAEE 2011	10 th & 11 th March 2011	AISSMS’s IOIT Pune
2	National Techxelleance 2011	30 th Sept 2011	Sandip Foundation of Technology and Research Center Nashik
3	“Microcontroller based thyristorised power controller with multimode operations”, International Conference on ICCTCMECAT 2012	23 rd , 24 th & 25 th March 2012	Deogiri College of Engg Aurangabad
4	I“A review of face recognition system using wavelet transform on beagleboard-Xm”, IJIRD, Volume2, issue 2, ISSN: 2278-0211, Feb 2013	2 nd Feb 2013	International Journal of Innovative Research & Development
5	“Implementation of Hamming code using VLSI”, IJETT, Volume 4, ISSN:2231-5381, 2-2013 , International Journal of Engg Trends and Technology vol.4, issue 2-2013		International Journal of Engg Trends and Technology
6	“Underwater embedded Bluetooth data acquisition robot based on arm processor, ETRET-2013,” International Conference on Emerging Trends & Research in Engg & Technology 2013	30 th & 31 st March 2013	IBSS College of Engg, Amaravati

7	“Counterfiet currency verification using lab view”, Proceeding of National Conference on Recent Trends in Engineering and Technology ,volume1, ISBN:978-1-365-09025-7, May 9th, 2016	May 9th, 2016	Shreeyash College of Engineering & Technology,Aurangabada, Maharashtra- INDIA 431010
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Any other information: