BIO-DATA

Name : Prachi H Bhagat

Designation: Assistant Professor

Experience: 9.5 years

Educational Qualifications: ME(EC)

Ph.D. topic: Gesture Analysis Using Image Processing

Recognized Ph.D. guide at: NA

Research Areas: Image Processing, 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).

6. Swati Ashokrao Atone ,A. S. Bhalchandra ,P. H. Bhagat , "Moving Object Detection with an IP camera", Proceedings of the Second International Conference on Intelligent Computing and Control Systems (ICICCS 2018)IEEE Xplore Compliant Part Number: CFP18K74-ART; ISBN:978-1-5386-2842-3

7. Sujit Thakare and P.H. Bhagat "Arduino-Based Smart Irrigation Using Sensors and ESP8266 WiFi Module" ICSCAN 2018-International Conference on Systems, Computation, Automation, Networking -Manakula Vinayagar Institute of Technology, Puducherry, ISBN:978-1-5386-2842-3

8. Prachi Bhagat and Nikita Ghode, "Motion detection using continous frame difference and contour tracking", 3rd IEEE International Conference on Trends in Electronics and Informatics (ICOEI 019) 23-24 April 2019

9. Prachi Bhagat and Varsha Pogul, "Design of Automatic Electro-mechanical Jacquard model for fabric weaving", 3rd IEEE International Conference on Intelligent Computing and Control systems (ICICCS-2019), 15-17 May 2019

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/-
2.	2018-19	Prof P.H.Bhagat	Intigrated Child Development Servces(ICDS) , Zilha Parishad, Kolhapur, Maharashtra	Child Growth Monitoring System (CGMS)	5900/-

Conferences / Workshop Organized: Yes

Lists of Workshop Organized for Students:

Sr.No	Details of Workshop	Date & Year
1	Plc Programming	27th NOV - 08th DEC 2016
2	Soft Skill Development Programme	20th FEB – 04th 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	2013

	Engineering Aurangabad	
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
14	TEQIP "Engineering Exploration" organized by ETC Engg Dept GECA from 3/8/18 to 7/8/18	2018
15	NPTEL-AICTE FDP "Digital Image Processing", Organized by IIT madras from July-October 2018	2018
16	TEQIP "Python Programming for Image Processing" organized by CSE Department GECA from 19th to 23rd September 2018	2018
17	TEQIP "Recent Trends in Electromagnetics, RF and Radar Signal Processing" scheduled during 11th to 15th June 2018 by ETC Dept, Government College of Engineering, Aurangabad	2018
18	TEQIP "Remote Sensing & Geographic Information System(RSGIS-2020)" organized by IT Department GECA from 29th Jan to 2nd Feb 2020	2020
19	NPTEL-AICTE FDP "Developing Soft Skills and Personality", Organized by IIT Kanpur from Aug-Oct 2019	2019

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	10th &11th March 2011	AISSMS's IOIT Pune
2	National Techxelleance 2011	30th Sept 2011	Sandip Foundation of Technology and Research Center Nashik
3	"Microcontroller based thyristorised power controller with multimode operations", International Conference on ICCTCMECAT 2012	23rd, 24th & 25th 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	2nd 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	30th & 31st 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,Aurangabad, Maharashtra- INDIA 431010

8	3rd Biennial International Conference on Recent trends in Image Processing and Pattern Recognition(RTIP2R 2020)	3rd to 4th Jan 2020	Dr.B.A.M, University Aurangabad

Any other information: