

Dr. Dipak Devachand Bage

Assistant Professor,
Computer Engineering Department,
SSBT's College of Engineering and Technology, Bambhori,
Jalgaon-425001(M.S.)



Address of Correspondence

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CAREER PROFILE

- **Doctor of Philosophy (Ph.D.)**
 - Branch- Computer Science & Engineering
 - University – Shri Satya Sai University of Technology and Medical Sciences, Sehore (M.P.)

- **Master of Engineering (M. E.) – Nov-2013**
 - Branch- Computer Science & Engineering
 - Class – **First Class with Distinction (70.80%)**
 - Research Topic – Character Geometry Feature Extraction Technique for Offline Handwritten Mathematical Symbols
 - College – SSBT's College of Engineering and Technology Bambhori, Jalgaon.
 - University – North Maharashtra University, Jalgaon

- **Bachelor of Engineering (B.E) – July 2008**
 - Branch - Computer Engineering
 - Class – **First Class with Distinction (66.28%)**
 - College – GF's Godavari College of Engineering Jalgaon.
 - University – North Maharashtra University, Jalgaon

- **Diploma in Computer Technology – June 2003**
 - Branch - Computer Technology
 - Class – **First Class (60.29%)**
 - College – J. T. Mahajan Polytechnic, Faizpur.
 - Board – MSBTE

PERSONAL DETAILS

Name	Dipak Devachand Bage
Father's Name	Devachand Rupchand Beldar
Sex	Male
Date of Birth	1 st February 1982
Age	39

Marital Status	Married
Linguistic Proficiencies	English, Hindi, Marathi.
Permanent Address	A/P: Kurha (Kakoda) Tal: Muktainagar Dist: Jalgaon Pin: 425306 (M.S.)

TEACHING EXPERIENCE

Employer	Designation	Date of Joining	Date of Leaving	Experience	Subjects Taught
SSBT's College of Engineering & Technology, Bambhori, Jalgaon	Assistant Professor	13/08/2008	Working	12.6 Years	Embedded System, Operating System, MPMC

AREAS OF INTEREST

- **Academic Interest**

Embedded System, Operating Systems, Artificial Intelligence, Image Processing.

- **Research Interest**

Machine Learning, Feature Extraction Technique, Support Vector Machine, Pattern Recognition, Image Processing.

PUBLICATIONS

Sr. No.	Publications	Number of Papers
1.	International Journals/Conferences	06
2.	National Conferences	07
3.	Books	02
	Total Publications	15

DETAILS OF PUBLICATIONS IN INTERNATIONAL JOURNALS

1. Dipak D. Bage, Dr. Anil Kumar, A Study of Image Retrieval Using Adaptive Tetrolet Transforms, Science Technology and Development Journal, Volume IX, Issue IX, ISSN No. 0950-0707, September-2020.
2. Dipak D. Bage, Dr. Anil Kumar, A Study of Natural Image and Texture Identification Retrieval System, Journal of Composition Theory, Volume XII, Issue XII, ISSN No. 0731-6755, December 2019.
3. Satpal D. Rajput, Dipak D. Bage, Sushant S. Bahekar, A New Approach to Enhancing Privacy and Performance in Opportunistic Wireless Snnsor Network,

International Journal of Management Technology and Engineering (IJMTE-2019), ISSN No. 2249-7455, Volume IX, Issue I, January-2019.

4. Sanjay S. Gharde, R. J. Ramteke, V. A. Kotkar, Dipak D. Bage, Handwritten Devnagari Numeral and Vowel Recognition Using Invariant Moments, International Conference on Global Trends in Signal Processing, Information Computing and Communication(ICSPICC- 2016), SSBT's College of Engineering and Technology Bambhori, Jalgaon, 22- 24 Dec 2016
5. BadgujarAsmita B, BharadPradip R., BaviskarSachin S., JawalePriya A. and D. D. Bage, *A Survey on Home Automation System Using Smart Phone*, International Journal of Computer, Information Technology and Bioinformatics, ISSN: 2278-7593, Vol.2 Issue 4, 30 Jan 2015, **Impact Factor 3.2.**
6. Dipak D. Bage, K. P. Adhiya and Sanjay S. Gharde, *A New Approach For Recognizing Offline Handwritten Mathematical Symbols Using Character Geometry*, International Journal of Innovative Research in Science, Engineering and Technology, ISSN: 2319 – 8753, Volume 2 Issue 7, pp. 2823-2830, July 2013. **Impact Factor: 1.672.**

DETAILS OF PUBLICATIONS IN NATIONAL CONFERENCES

1. Dipak D. Bage and Vijay A. Kotkar, *Ontology: Effective Web Searching on Smart Phone*, National Level Technical Paper Presentation Competition (Techcellence 2013), SSGB, College of Engineering and Technology, Bhusawal, 9th March 2013.
2. Dipak D. Bage and Vijay A. Kotkar, *Analysis of Features Extraction Methods for Offline Handwritten Devnagari Script*, National Level Student Paper Presentation (Milestone 2k13), SSBT's College of Engineering and Technology Bambhori, Jalgaon, 2nd March 2013.
3. Vijay A. Kotkar, Sanjay S. Gharde, Dipak D. Bage, *Evaluation of Different Feature Extraction Techniques for Devnagari Script*, National Conference on Recent Trends in Soft Computing and Security (RTSCS-2012), Technocrats Institute of Technology, Bhopal, 24-25 Aug 2012.
4. Vijay A. Kotkar and Dipak D. Bage, *Analysis of Communication Middleware for Car-Networks*, National Level Student Paper Presentation (Milestone 2k12), SSBT's College of Engineering and Technology Bambhori, Jalgaon, 30th March 2012.
5. Dipak D. Bage and Vijay A. Kotkar, *Web Search on Smart Phone using*

Ontology, National Conference on Computer, Communication and Information Technology, SPSPM Sinhgad Institute of Computer Sciences (MCA), Pandharpur, 18th – 19th Feb. 2012.

6. Vijay A. Kotkar and Dipak D. Bage, *Network Security using TCP/IP Steganography*, National Level Conference and Technical Paper Presentation, Tech-Kinesis, Saraswati College of Engineering, Kharghar, Mumbai, 23rd February 2011.
7. Priti R. Sharma and Dipak D. Bage, *Ethical Hacking A way of Internet Security*, National Conference on Emerging Trends in Engineering, Technology and Management (Milestone 2K10), SSBT's College of Engg. and Technology Bambhori, Jalgaon, 29th March 2010.

DETAILS OF BOOK PUBLISHED

Sr. No	Title of Book	Publication	ISBN No.	Publication Date	No. of Co-author/s
1.	Embedded Systems	Prakash Publication	978-81-909164-14-9	Oct, 2012	02
2.	Microprocessor III	Prakash Publication	978-81-909164-0.0	Feb, 2011	03

TRAININGS/WORKSHOPS/SEMINARS ATTENDED

Sr. No.	Trainings/Workshops/Seminars	Total Number
1.	Workshops/FDP/STTP/Seminar	30
	Total	30

TRAINING PROGRAM AND WORKSHOP DETAILS

1. **Two weeks International Faculty Development Program** on “*Emerging Trends in Industry 4.0*” Technically sponsored by ACM Student Chapter and organized by Computer Engineering Department, JSPM's Rajarshi Shahu College of Engineering, Pune, Maharashtra, India.during 18th May 2020 to 29th May 2020.
2. Five days **online FDP** on “*Introduction to Data Science*”, Presented by Codgen IT Solution in Association with Department of CSE Guntur during 18 May 2020 to 22 May 2020.
3. Certificate of Participation for Online Workshop on “LaTeX” jointly organized by MIT College of Railway Engineering and Research Barshi & Spoken Tutorial Project, IIT Bombay, from 14th -17th May 2020.

4. Certificate for Completion of “Moodle”, training is offered by the Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India. On 9 May 2020.
5. Certificate of Completion of “Python 3.4.3” test organized at JSPM's Rajarshi Shahu College of Engineering by VAISHALI BARKADE with course material provided by the Spoken Tutorial Project, IIT Bombay on 5 May 2020
6. **One Week Online Course** on “*Android Apps Development*” conducted by Aptronix Technologies in collaboration with Sandip Institute of Engineering & Management - Nashik – Maharashtra from 4th May 2020 to 10th May 2020.
7. Participated in “*Faculty Awareness Program on NBA and Outcome Based Education (OBE)*”, organized by Department of Computer Engineering, JSPM’s Rajarshi Shahu College of Engineering, Tathawade, on 4th May 2020.
8. **Online Faculty Development Program** on “*Python Programming*” organized by JSPM’s Rajarshi Shahu College of Engineering, Tathawade, Pune, **Spoken Tutorial** by IIT Bombay during during 28th April - 03rd May 2020.
9. **One Week online Faculty Development Program** on “*Joomla*” Organised by Sinhgad Institute of Technology Lonavala Pune, under **Spoken Tutorial Project** by IIT Bombay during 04 May – 09 May 2020.
10. **Certificates of Completion of R Training Program** organized by JSPM’s Rajarshi Shahu College of Engineering, Tathawade, Pune, under **Spoken Tutorial Project** by IIT Bombay on 30th April 2020.
11. **Online Faculty Development Program** on “*R Programming*” organized by JSPM’s Rajarshi Shahu College of Engineering, Tathawade, Pune, under **Spoken Tutorial Project** by IIT Bombay during 23rd April - 28th April 2020.
12. **One Day workshop** on *Syllabus Framing of Second Year and Third Year (Computer/ Information Technology)* of Kavayitri Bahinabai Chaudhari North Maharashtra University Jalgaon, organized by SSBT’s College of Engineering and Technology, Bambhori, Jalgaon on 28th January 2019.
13. **One Day Seminar** on *Adoption and Promotion of e-learning in Higher Education Institutes* organized by Internal Quality Assurance Cell of SSBT’s College of Engineering and Technology, Bambhori, Jalgaon on 5th January 2019.
14. **One Day workshop** on *Syllabus Framing for Second Year Engineering (Computer/ Information Technology)* of North Maharashtra University Jalgaon, organized by Department of Computer Engineering, SSBT’s College of Engineering and Technology, Bambhori, Jalgaon on 3rd July 2018.

15. **One Week TEQIP-III** sponsored **STTP** on *Machine Learning & Its Application* organized by S.A.T.I. Vidisha (M.P.) from 12th– 16th May 2018.
16. **Three Days Workshop** on *Self Awareness & Team work* organized by Department of Computer Engineering, SSBT's College of Engineering and Technology, Bambhori, Jalgaon during 2nd – 5th May 2016.
17. **Second International Workshop** on *Computer Vision & Machine Learning (IWCVML - 2014)* at Sri Sathya Sai Institute of Higher Learning, Prashanti Nilayam (Andhra Pradesh) from 10/12/2014 to 13/12/2014.
18. **One Week ISTE** Sponsored **STTP** on *Data Mining and Research approaches* at P.E.S. College of Engineering, Aurangabad during 18-22 Nov 2013.
19. **Two Week ISTE workshop** on *Database management Systems* conducted by Indian Institute of Technology, Bombay during 21st – 31st May, 2013.
20. **One Day workshop** on *Syllabus Framing of Second Year Computer Engineering and IT*, conducted by R. C. Patel Institute of Technology, Shirpur during 5th March 2013.
21. **One Week Faculty Development Programme** on *Cloud Computing and its application Domain* conducted organized by department of Computer Engineering, SSBT's College of Engineering and Technology, Bambhori, Jalgaon in association with Computer Society of India during 21st – 25th January, 2013.
22. **Two Week ISTE workshop** on *Introduction to Research Methodologies*, conducted by Indian Institute of Technology, Bombay during 25th June to 4th July 2012.
23. **Two Day ISTE workshop** on *Aakash for Education* conducted by Indian Institute of Technology, Bombay on 10th and 11th November, 2012.
24. **Three Days National Level workshop** on *Research Methodology*, conducted by SSBT's College of Engg. & Tech. Bambhori, Jalgaon during 17th to 19th October 2011.
25. **Two Days National workshop** on *MATLAB Applications*, at SSBT's College of Engg. & Tech. Bambhori, Jalgaon during 5th and 6th March, 2011.
26. **Two day Workshop** on *Embedded Systems* by LARE, Mumbai at SSBT's College of Engineering & Technology, Bambhori, Jalgaon on 6th and 7th August, 2010.
27. **One Week workshop** of *Mission 10X*, conducted at SSBT's College of Engineering & Technology, Bambhori, Jalgaon, during 5th to 9th July 2010.
28. **One Week STTP** on *Embedded System Design*, conducted by Maharashtra Academy of Engineering (MAE), Alandi, Pune, during 8th to 13th June 2009.

29. **Two Days Faculty Development Program** on *SPSS 17.0*, conducted by North Maharashtra University, Jalgaon, during 10th and 11th February 2009.
30. **Two Days workshop** on *Assembly Language Programming*, conducted by G. H. Rasoni Institute of Engineering and Management, Jalgaon, during 19th and 20th September 2008.

MEMBER OF TECHNICAL ORGANIZATIONS/INSTITUTIONAL BODIES

Sr. No.	Technical Organization/ Institutional Bodies	Place	Year of Joining	Membership No.
1.	Internet Society (ISOC)	USA	06/12/2013	94830
2.	ACM's Computer Science Teachers Association (CSTA)	New York, USA	11/01/2013	5351106
3.	International Association of Engineers (IAENG)	Hong Kong	12/11/2012	125354
4.	Universal Association of Computer & Electronics Engineers (UACEE)	USA	16/12/2013	AM1005044
5.	Institute of Doctors Engineers and Scientists (IDES)	Kerala, India	27/12/2013	1897
6.	Institute for Computer Sciences, Social Informatics and Telecommunications Engineering (ICST)	Belgium	1/11/2012	--

AWARDS

1. Certificate of **appreciation by AVISHKAR-2018**, Kavayitri Bahinabai Chaudhari North Maharashtra University Jalgaon, for *Campus and University Level AVISHKAR-2018*(Phase-II) as College Team Leader on 2nd – 3rd January 2019.
2. Certificate of **appreciation by AVISHKAR-2018**, Kavayitri Bahinabai Chaudhari North Maharashtra University Jalgaon, for *Jalgaon District Level Research Convention AVISHKAR-2018*(Phase-I) as College Team Manager on 27th Dec, 2018.
3. Certificate of Recognition for achieving outstanding result in **Oct 2015** examination of North Maharashtra University, Jalgaon in subject **Embedded Systems**.
4. Certificate of Recognition for achieving outstanding result (90% & above) in **May 2013** examination of North Maharashtra University, Jalgaon in subject **Microprocessor III**.

5. Certificate of Recognition for achieving outstanding result (90% & above) in **May 2012** examination of North Maharashtra University, Jalgaon in subject **Microprocessor III**.
6. Certificate of Recognition for achieving outstanding result (90% & above) in **Oct 2012** examination of North Maharashtra University, Jalgaon in subject **Embedded Systems**.
7. Certificate of Recognition for achieving outstanding result (90% & above) in **Oct 2011** examination of North Maharashtra University, Jalgaon in subject **Embedded Systems**.
8. Certificate of Recognition for achieving outstanding result (90% & above) in **May 2010** examination of North Maharashtra University, Jalgaon in subject **Embedded Systems**.
9. Certificate of **appreciation by Dipex 2013, Pune organized by ABVP Maharashtra** State for the Project entitled “ Implementation of High Technology in Railway Automation Using Embedded System” in Project Exhibition.
10. Certificate of **appreciation by Dipex 2013, Pune organized by ABVP Maharashtra** State for the Project entitled “Internet Based Wireless Home Automation System for Multifunctional Device” in Project Exhibition.
11. **First Prize** in National Level Student Paper Presentation (PG Student) at SSBT’s COET Bambhori Jalgaon on 2nd March 2013.
12. **First Prize** in National Level Student Paper Presentation (PG Student) at SSBT’s COET Bambhori Jalgaon on 30th March 2012.

I hereby certify that the information given above is true, complete and correct to the best of my knowledge and belief.

Date : 08/05/2021.

Place: Jalgaon (M.S.)

Dr. Dipak Devachand Bage