

Curriculum Vitae

Dr. Khobragade Kavita Anandrao

[M.Sc., Ph.D., UGC-NET in Computer Science]

- ✉ kavitanand@gmail.com
- ✉ kavita.khobragade@fergusson.edu
- ✉ kavitanand@rediffmail.com



Personal Information

- Name:** Dr. Khobragade Kavita Anandrao
- Designation:** Head and Associate Professor of Computer Science,
Chairman BoS Computer Science
- Mailing Address:** Dr. Khobragade Kavita Anandrao
Head and Associate Professor,
Department of Computer Science,
Fergusson College (Autonomous),
Pune (MS) India- 411004.
☎ 020-67656424(O) Ext-6435
- Residence Address :** "Giridhar Aangan", E5/3,
Near Mai Mangeshkar Hospital,
Warje Highway, Warje,
Pune (MS) India-411 058.
- Date of Birth** :19 October 1971.

Educational Qualifications (Starting from Graduation onwards)

- **Ph.D.(Iris Image Feature Extraction: A Multiwavelet Approach)** from Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, in 2015.
- **M.Sc.(Computer Science)** from Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, in 1994, with First Division, **3rd Rank**.
- **B.Sc.(Microbiology, Chemistry and Botany)** from Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, in 1992, with First Division.
- **Qualified UGC-NET (Computer Science and Applications)** from UGC New Delhi in 1998.

Refresher Courses

1. Third Refresher course on “Computer Applications” at UGC-Academic Staff College, Pune University, Pune (MS) India and conducted at Computer Science Department, Pune University during 9th March 2011 to 29th March 2011 with ‘O’ grade.
2. Second Refresher course at UGC-Academic Staff College, Pune University, Pune (MS) India and conducted at Center for Information and Network Security, Pune University during 11th January 2010 to 31st January 2010 with ‘A’ grade.
3. First Refresher course at UGC-Academic Staff College, Pune University, Pune (MS) India and conducted at Computer Science Department, Pune University during 29th May 2002 to 16th June 2002 with ‘A’ grade.

Orientation Courses

1. One Orientation Course at Academic Staff College, Pune University, Pune (MS) India with ‘O’ Grade during 3rd November 1999 to 30th November 1999.

Expert Talks Delivered (Resource Person)

1. Delivered an Expert talk at **Hislop College, Nagpur** on “**Sensors, Their Types and Applications in Industry**” on 19th September 2019.
2. Delivered a **Pre-PhD Course Work** talk “**Relevance of Research Methodology in Computer Science**” held on 1st July 2017 organized by Research Coordination Committee, at Fergusson College (Autonomous), Pune.
3. Delivered a talk “**Relevance of Research Methodology in Computer Science**” at National Conference on Relevance of Research Methodology in Computer Science organized by Department of Computer Science, at Christ College, Pune on 12th & 13th February 2016.
4. Delivered a talk on “**How to Prepare for NET-SET in Computer Networks**” for NET-SET appeared teachers at Dr. G. Y. Pathrikar College of Computer Science and Information Technology, Aurangabad, (MS), India on 16-18 June 2014.
5. Delivered a talk on “Digital Image Processing” in the M.Sc. Computer Science Syllabus implementation workshop at Fergusson College, Pune on 27-29 December 2011.
6. Delivered a talk on “NET/SET Preparation on Software Engineering” in Academy for Career Advancement & Research (Aakar) at Fergusson College, Pune.

Lectures Delivered (in Colleges & Conferences)

1. Guest Lecturer at National Conference on “Relevance of Research Methodology in Computer Science” at Christ College, Pune on 12th & 13th February 2016.
2. Guest Lecturer on “Java Programming Language (T.Y.B.Sc.(CS))” at Shivray Pratishtans Maharashtra College of Science and Commerce, Pune on 1 October 2015.
3. Guest Lecturer on “Reference Model & Line Encoding Scheme” at H. V. Desai College of Commerce, Arts and Science, Pune on 14th September 2015.

4. A series of 4 Lectures on “Computer Networks” for TYBSc students and Faculty at K.J. Somainya College of Arts, Commerce and Science, Kopergaon on 9 January 2012.
5. Guest Lecturer on “Core Java and Advanced Java” at H. V. Desai College of Commerce, Arts and Science, Pune on 10th September 2005.
6. Guest Lecturer on “File Structures and Database Concepts” at Rajmata College of Arts, Commerce, Science and Computer Science College, Pune on 6th February 2004.
7. Delivered series of Guest Lecturers at Padmashri Vikhe Patil College of Arts, Science and Commerce, Pravaranagar Loni from 17th to 21st November 1997.

Positions

1. Judge for “National Level Innovative Project Competition” at Kaveri College of Arts, Science and Commerce, Pune on 8th February 2020.
2. Member of Research Coordination Committee of Fergusson College (Autonomous) from June 2016 to December 2019.
3. Subject Expert for B.C.A. Science at Haribhau V. Desai College of Commerce, Arts & Science, Pune on 28 December 2017.
4. Subject Expert for Assistant Professor in Computer Science at Haribhau V. Desai College of Commerce, Arts & Science, Pune on 30 August 2017.
5. Subject Expert for Technical Positions (Project Engineers) at C-DAC (Center for Development of Advanced Computing) , Pune on 26th May 2017.
6. Subject Expert for Technical Positions (Project Engineers) at C-DAC (Center for Development of Advanced Computing) , Pune on 25th May 2017.
7. Subject Expert for Technical Positions (Project Engineers) at C-DAC (Center for Development of Advanced Computing) , Pune on 23rd May 2017.
8. Subject Expert for Technical Positions (Project Engineers) at C-DAC (Center for Development of Advanced Computing) , Pune on 27th and 28th April 2017.
9. Member of IQAC of Fergusson College, Pune from 2008 to 2016.
10. Member of Research Coordination Committee of Fergusson College from 2010 to till date.
11. Judge for Inter College Competitions on “Web Designing & Power Point Presentation” at Kaveri College of Arts, Science and Commerce, Pune on 28th January 2017.
12. Judge for “Dr. A.P.J. Abdul Kalam Science Exhibition-2016” at Zeal Polytechnic, Narhe, Pune, India on 19th January 2016.
13. Chief Guest at Valedictory Function for National Conference in Computer Science And Application” at MIT Arts, Science and Commerce College, Alandi on 15th – 16th January 2016.
14. Editorial Member for a Blind-peer reviewed Journal named “**International Journal of Biometrics**“, listed in UGC Journal list.
15. Member of Organizing Committee of “Innovation 2015 Regional Research Conference” at Fergusson College with BCUD, Pune University.
16. Subject Expert for Selection of Assistant Professor in Computer Science at Haribhau V. Desai College of Commerce, Arts & Science, Pune on 22 August 2015.
17. Subject Expert for Computer Science, Mathematics, Statistics and Electronics for the Interviews for the Post of Assistant Professors at Fergusson College, Pune on 27 June 2011.

18. Subject Expert for Selection of Assistant Professor at Someshwar Science College, Baramati on 18 October 2010.
19. Member of Local Enquiry Committee (LIC Member) for the Academic year 2010-2011 for new B.Sc. Computer Science course starting at College of Commerce and Information Technology, Chinchwad, Pune on 9th August 2010.
20. Member of Local Enquiry Committee (LIC Member) for the Academic year 2010-2011 for new B.Sc. Computer Science course starting at Suryadatta College, Karvenagar, Pune on 16th September 2010.
21. Subject Expert of Computer Science for the Post of Lecturer at Appasaheb Jedhe College, Pune on 22nd July 2010.
22. Subject Expert for the Post of Lecturer – MCS at MIT Arts, Commerce & Science College, Alandi, Pune on 11th July 2010.
23. Member of Local Enquiry Committee (LIC Member) for the Academic year 2009-2010 for new MCA (First to Third year) course starting at H.P.T. Arts R.Y.K. Science College, Nashik on 31st March 2010.
24. Member of Local Program Committee for the 2nd International Conference on “Advances in Computer Vision and Information Technology (ACVIT-2009)” at Department of Computer Science And Information Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, held on 16th to 19th December 2009.
25. Chairman of Session Management Committee for the 2nd International Conference on “Advances in Computer Vision and Information Technology (ACVIT-2009)” at Department of Computer Science And Information Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, held on 16th to 19th December 2009.
26. Member of Local Enquiry Committee (LIC Member) for the Academic year 2009-2010 for new B.Sc. Computer Science course starting at Bhartiya Jain Sanghatana College, Wagholi, Pune on 26 August 2009.
27. Subject Expert for Computer Science for the Interviews for the Post of Lecturer at Sinhgad College of Science, Pune on 15th January 2009.

Member

1. Member of Bioinfo Publications : Advances in Computational Research (Id- A6BDCE24E)

Area of Specialization

Digital Image Processing	Pattern Analysis	Bio Medical Image Processing	
Computer Networks	Cryptography	Computer Vision	
Data Science	Machine Learning	Software Engineering	Computer
Graphics	Object Oriented Software Engineering	

Editorial Board Member & Technical Committee Member

1. Program Committee Member of International Conference Series- Recent Trends in Image Processing and Pattern Recognition [rtip2r], at Department of Computer Science and IT Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, January 3-4, 2020.
2. Editorial Board Member of “American Journal of Computer Science and Technology” from July 22, 2019.
3. Advisory & Technical Committee member at International Conference on “Digital Image Processing and Biomedical Informatics” on 13th & 15th February 2018 (Springer), [SAPIENCE-18], 2018.
4. Advisory & Technical Committee member at International Conference on “Data Mining and Advanced Computing (IEEE)”, [SAPIENCE-16], 2016.
5. Editorial Board Member of Blind-peer reviewed “International Journal of Biometrics”.

Session Coordinator and Session Chair

1. Session Chair for the 3rd Biennial International Conference on “Recent Trends in Image Processing And Pattern Recognition (RTIP2R), at Department of Computer Science and Information Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS), India on 3rd to 4th January 2020.
2. Session Chair for the National Conference on “Innovation & development in Computational & Applied Science” at MIT College, Alandi, Pune held on 15th & 16th December 2017.
3. Session Coordinator for the International Conference on “Recent Trends in Computer Science Engineering and Technology (ICRACSET-2017) at G.Y. Pathrikar College of Computer Science And Information Technology, Aurangabad held on 2nd to 4th February 2017.
4. Session Chair for the National Conference on Recent Advances in Information Technology (NCRAIT-2014), Dept. of Computer Science and Computer Applications, School of Computational Sciences, Solapur University, Solapur, (MS), India, 15-16 February 2014.
5. Session Coordinator for the National Conference on “Emerging Trends in Computer Science and Computer Applications (NCETCSA-2013))” at Computer Science Department, Fergusson College, Pune on 7 8 December 2013.
6. Session Coordinator for the 2nd International Conference on “Advances in Computer Vision and Information Technology (ACVIT-2009)” at Department of Computer Science And Information Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, held on 16th to 19th December 2009.

Awards

1. Received “**Best Paper Award**” at National Conference in on “Relevance of Research Methodology in Computer Science” at Christ College, Pune (MS), India for the research paper on “Cipher Text Conversion with Encrypted Polynomial Equation”, 12th & 13th February 2016.
2. Received “**Best Paper Award**” at National Conference in “Recent Trends in Computer Science and Mathematics Applications” at Indira College, Pune (MS), India for the research paper on “Monitoring Tigers in Their Natural Habitat with Camera Trap Images and Image Processing” on 2013.
3. Felicitation as Meritorious Student by Backward Class Bank & Insurance Employee Association Aurangabad for **3rd Merit Award at M.Sc.** in 1994.
4. M. Sc. Computer Science Exam Rank **3rd Merit Award** by Marathwada University, Aurangabad, March 1994.

Board of Studies Member

1. Chairman of Board of Studies (Data Science) and member of Academic Council at Fergusson College (Autonomous), Pune from November 2018 till date.
2. Chairman of Board of Studies (Computer Science) and member of Academic Council at Fergusson College (Autonomous), Pune from November 2018 till date.
3. Chairman of Board of Studies (Computer Application) and member of Academic Council at Fergusson College (Autonomous), Pune from November 2018 till date.
4. BOS member of M.Sc. (Computer Application) at Fergusson College (Autonomous), Pune from December 2017 to October 2018.
5. BOS member of B.Sc. (Computer Science) at Fergusson College (Autonomous) from June 2016 to to October 2018.
6. BOS member of M.Sc. (Computer Science) at Fergusson College (Autonomous) from June 2016 to October 2018.

Details of Employment (Past & Present)

1. Head of Computer Science Department from 1st November 2018 till date.
2. Coordinator of Computer Science Department from 1st May 2018 to 28th November 2018.
3. Associate Professor from 16th June 2016 to till date at Department of Computer Science, Fergusson College (Autonomous), Pune (MS), India.
4. Lecturer (Selection Grade) i.e. Associate Professor from 18th December 2007 to 16th June 2016 at Department of Computer Science, Fergusson College, Pune (MS), India.
5. Lecturer (Senior Scale) i.e. Assistant Professor from 18th December 2002 to 18th December 2007 at Department of Computer Science, Fergusson College, Pune (MS), India.
6. Lecturer from 18th December 1996 to 1st January 2002 at Department of Computer Science, Fergusson College, Pune (MS), India.
7. Lecturer from 14th April 1995 to 16th April 1996 at Department of Computer Science, Dhyanopasak College, Parbhani, (MS), India.
8. Lecturer/Instructor at Shri Sai Computers, Aurangabad 27 January 1995 to 30 March 1995.

9. Lecturer/Instructor at Innovative Computer Services, Aurangabad from 10 August 1994 to 25 January 1995.

List of Publications (International Journals[13] & Conferences[15])

Journals:

1. Siddharth B. Dabhade, Nagsen Bansod, Naveena M., Kavita Khobragade, Y.S. Rode, M.M. Kazi, K. V. Kale, "Double Layer PCA based Hyper Spectral Face Recognition using KNN Classifier", IEEE Transaction Journal, 2017 [978-1-5386-3243-7/17/\$31.00 ©2017 IEEE].
2. Anupriya K. Kamble, Ramesh R. Manza, Yogesh M. Rajput, Kavita K. Khobragade, "Classification of Insulin Dependent Diabetes Mellitus Blood Glucose Level Using Support Vector Machine", IOSR Journal of Computer Engineering (IOSR-JCE), PP 36-42, Impact factor **3.875**, February 2017 [e-ISSN: 2278-0661, p-ISSN: 2278-8727].
3. Kavita Khobragade, Dr. K.V. Kale, "Feature Level Fusion using Multi-wavelet Based Iris Feature Extraction", International Journal of Current Engineering and Technology (IJCET), Inpressco International Press Corporation, Vol. 4, No. 5, Impact factor **4.550**, October 2014. [E-ISSN: 2217-4106; P-ISSN: 2347-516]
4. Kavita Khobragade, Dr. K.V. Kale, "Multi-wavelet Based Feature Extraction Algorithm For Iris Recognition", International Journal of Engineering And Innovative Technology (IJEIT), Vol. 3, Issue 12, pp-368-373, Impact factor **1.985**, June 2014.
5. Kavita Khobragade, Dr. K.V. Kale, "A New Technique for Fast and Accurate Iris Localization", Online Peer Review International Journal of Innovations in Engineering and Technology, (IJJET), Volume 3, Issue 3, pp-25-32, Impact factor **0.672**, February 2014. [ISSN: 2319-1058] link: www.ijjet.com.
6. Kavita Khobragade, "Pattern Matching to Monitor the Tigers in Their Natural Habitat", Bi-annual Interdisciplinary Research Journal named "The Knowledge & Research Journal", Gondia, Vol II, Issue I, pp-18-23, January 2014 [ISSN: 2320-1487].
7. Kavita Khobragade, Dr. K.V. Kale, "Iris Edge Detection with Bit-plane Slicing Technique", International Journal of Computer Applications (IJCA), Impact factor **0.821**, 2014 [ISSN : 0975-8887].
8. Kavita Khobragade, "Study and Comparison of Iris Edge Detection Technique", Online Peer Review International Journal of Computer Architecture and Mobility (IJCAM-2013), Volume 1, Issue 5, March 2013. [ISSN: 2319-9229]
9. Kavita Khobragade, "Sensor based Biometric Authenticated Multi-Model for Automatic Attendance System", International Journal of Computer Applications (IJCA), 2012 [ISSN : 0975-8887].

10. Kavita Khobragade, "Sensor based Biometric Authenticated Model for University Examination", International Journal of Advances in Management, Technology & Engineering Sciences (IJAMTES), Vol. 1, Issue 7 (IV), pp- 91-94, April 2012, [ISSN : 2249-7455]
11. Kavita Khobragade, "Biometric Characteristics and Their Applications: A Review", International Journal of Computer Science and Application, (IJCSA), Issue III, pp-06-12, 2012. [ISSN: 0974-0767].
12. Kavita Khobragade, Dr. K.V. Kale, "An Iris Localization Algorithm : A Review", International Journal of Advances in Management, Technology & Engineering Sciences (IJAMTES), Vol. 1, Issue 6 (IX), March 2012, pp- 194-197, [ISSN : 2249-7455]
13. Kavita Khobragade, "Knowledge Management in Image Processing Applications", Online Peer Review International Research Journal of Signal Processing (IRJSP), Volume 03, Issue 1, January-April 2012, [ISSN: 2249-6505] link: <http://technicaljournals.org/TJ>.

Conferences [National & International]:

1. Kavita Khobragade, Margaret Salve, "Internet of Things for Vehicular Pollution Monitoring and Controlling System", FICR International Conference on Rising Threats in Expert Applications and Solutions", at IIS University, Jaipur, India on 17th to 19th January 2020 (**Springer**).
2. Pawan Kamble, Annupriya Kamble, Ramesh Manza, Bharati Gawali, Kavita Waghmare, Bharatratna P. Gaikwad, **Kavita Khobragade**, "Automatic Speech Processing of Marathi Speaker Identification for Isolated Words System", 3rd Biennial International Conference on "Recent Trends in Image Processing And Pattern Recognition (RTIP2R), at Department of Computer Science and Information Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS), India on 3rd to 4th January 2020 (**Springer**).
3. Annupriya Kamble, Chetan Pattebahadur, Yogesh Rajput, Pawan Kamble, Ramesh Manza, **Kavita Khobragade**, Mangesh Patil, "Comparison of Results of Association Detection of Regular Insulin and NPH Insulin Using Statistical Features", 3rd Biennial International Conference on "Recent Trends in Image Processing And Pattern Recognition (RTIP2R), at Department of Computer Science and Information Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS), India on 3rd to 4th January 2020 (**Springer**).
4. Siddharth B. Dabhade, Nagsen Bansod, Naveena M., **Kavita Khobragade**, Y.S. Rode, M.M. Kazi, K. V. Kale, "Double Layer PCA based Hyper Spectral Face Recognition using KNN Classifier", International Conference on Current Trends in Computer, Electrical, Electronics, and Communication, Mysore, 8th and 9th September 2017 [978-1-5386-3243-7/17/\$31.00 ©2017 IEEE].
5. Dr. Kavita Khobragade, Shouk Joshi, "Cipher Text Conversion with Encrypted Polynomial Equation", Proceeding of National Conference on "Relevance of Research Methodology in

- Computer Science” at Christ College, Pune (MS), India, pp-48-50, 12th & 13th February 2016 [ISBN :978-93-84659-10-3].
6. Dr. Kavita Khobragade, Shunhankar G. Keskar, “Transposition Technique with Modified Ceaser Cipher”, Proceeding of National Conference on “Relevance of Research Methodology in Computer Science” at Christ College, Pune (MS), India, pp-106-109, 12th & 13th February 2016 [ISBN :978-93-84659-10-3].
 7. Kavita Khobragade, “Iridodialysis: Open Challenges and Issues in Iris Recognition”, Elsevier Science and Technology Publication and Proceeding of International Conference on Recent Trends in Engineering Sciences (ICRTES-2014), pp- 142-145, Organized by Spvryan International, Nashik, (MS), India, 15-16 March 2014 [ISBN : 978-93-5107-223-2].
 8. Kavita Khobragade, Sonali Kulkarni, “A Method to Generate Audio in Car Through GPS”, Proceeding of National Conference on Turnaround Strategies in Business at Bhopal, on 22nd & 23rd February 2014.
 9. Kavita Khobragade, “Iris Edge Detection with Bit-plane Slicing Technique”, Proceeding of National Conference on Recent Advances in Information Technology (NCRAIT-2014), pp-1065-1075, Organized by Dept. of Computer Science and Computer Applications, School of Computational Sciences, Solapur University, Solapur, (MS), 413255 India, 15-16 February 2014.
 10. Kavita Khobragade, Heemali Adhav, “Monitoring Tigers in Their Natural Habitat with Camera Trap Images and Image Processing”, 2nd International Conference on Recent Trends in Computer Science & Applications and Computational Mathematics, at Indira College, Pune, pp-73-78, on 20th & 21st December 2013 [ISBN: 978-93-83414-29-1].
 11. Kavita Khobragade, “Sensor based Biometric Authenticated Multi-Model for Automatic Attendance System”, International Conference on Recent Trends in Information Technology and Computer Science at Thakur College, Mumbai, Proceeding published in IJCA, pp-93, 17th to 18th December 2012 [ISBN: 978-81-922978-2-8].
 12. Kavita Khobragade, Jeevan Limaye, “An Electronic Control Panel for Solving Line Encoding Problems for Visual & Visually Challenged Students”, Proceeding of National Conference on Recent trends in Computer Science & Applicatios and Computational Mathematics at Indira College of Commerce and Science, pp-49-54, December 2012 [ISBN : 978-93-5097-319-6].
 13. Kavita Khobragade, Dr. K. V. Kale, “An Iris Localization Algorithm : A Review”, International Conference on Current Trends and Challenges in Management, Engineering, Computer Applications and Technology, (ICCTCMECAT-2012), Organized by Deogiri College of Engineering and Management Sciences, Aurangabad, (MS), India, 23-25 March 2012.
 14. Kavita Khobragade, “A Comparative Study of Converting Coloured Image to Gray-scale Image using Different Technologies”, CD Proceeding of National Conference on Recent Trends in Information

Technology (RTIT-2012), at JSPM, Narhe Technical Campus, Pune on 15-17 March 2012 [ISBN: 978-93-5067-454-3].

15. Kavita Khobragade, "Knowledge Management in Image Processing Applications", 3rd National Conference on Futuristic And Advanced Computing Technologies (cFACT-2), Department of Computer Applications, Loyala College, Chennai, Tamilnadu, India, 1-2 March 2012.

Books Published (National [33] and International [1])

1. "***Iris Image Feature Extraction Using Multiwavelet Approach***", LAP LAMBERT Academic Publishing, Germany, ISBN-13 : 978-3-659-74230-9, ISBN-10 : 36597423, April 2017. [Link :- <https://www.lap-publishing.com/catalog/details/store/gb/book/978-3-659-74230-9/iris-image-feature-extraction-using-multiwavelet-approach?search=Khobragade>]
2. "***Object Oriented Software Engineering***", for BBA (Computer Science), Semester V, Nirali Prakashan, ISBN : 978-93-5164-645-7, June 2015.
3. "***Java Programming***", for BBA (Computer Science), Semester V, Nirali Prakashan, ISBN : 978-93-5164-642-6, June 2015.
4. "***Database Management Systems***", for BBA (Computer Science), Semester II, Nirali Prakashan, ISBN : 978-93-8352-595-9, January 2015.
5. "***Computer Networks - II***", for T.Y.B. Sc. (Computer Science), Semester IV, Nirali Prakashan, ISBN : 978-93-5164-911-3, January 2015, Link : <https://www.bringmybook.com/>.
6. "***Object Oriented Software Engineering***", for T.Y.B. Sc. (Computer Science), Semester I, Nirali Prakashan, ISBN : 978-93-5164-561-0, January 2015.
7. "***Programming in Java -II***", for T.Y.B. Sc. (Computer Science), Semester II, Nirali Prakashan, ISBN : 978-93-5164-914-4, January 2015.
8. "***Programming in Java -I***", for T.Y.B. Sc. (Computer Science), Semester I, Nirali Prakashan, ISBN : 978-93-5164-565-8, June 2015.
9. "***Software Engineering***", for S.Y.B. Sc. (Computer Science), Semester II, Nirali Prakashan, ISBN : 978-93-5164-292-3, January 2015.
10. "***Relational Database Management System***", for F.Y.B. Sc. (Computer Science), Semester II, Nirali Prakashan, ISBN : 978-93-5164-026-4, January 2015.
11. "***File Organization and Fundamentals of Databases***", for F.Y.B. Sc. (Computer Science), Semester II, Nirali Prakashan, ISBN : 978-93-8307-337-5, January 2015.
12. "***Problem Solving Using Computers and 'C' Programming***", for F.Y.B. Sc. (Computer Science), Semester II, Nirali Prakashan, ISBN : 978-93-8307-338-2, January 2015.
13. "***Software Engineering***", for S.Y.B. Sc. (Computer Science), Semester II, Paper II, Nirali Prakashan, ISBN : 978-93-5164-292-3, November 2014.
14. "***Object Oriented Concepts using C++***", for S.Y.B. Sc. (Computer Science), Semester I, Paper I, Nirali Prakashan, ISBN : 978-93-5164-291-6, November 2014.
15. "***Relational Database Management System***", for S.Y.B. Sc. (Computer Science), Semester I, Paper II, Nirali Prakashan, ISBN : 978-93-5164-026-4, June 2014.
16. "***Data Structure using 'C'***", for S.Y.B. Sc. (Computer Science), Semester I, Paper I, Nirali Prakashan, ISBN : 978-93-5164-025-7, June 2014.

17. "**File Structure and Database Concepts**", for S.Y.B. Sc. (Computer Science), Semester I, Paper I, Nirali Prakashan, ISBN : 978-93-8307-337-5, August 2013.
18. "**Programming in Java**", for T.Y.B. Sc. (Computer Science), Semester V, Nirali Prakashan, June 2010.
19. "**File Structure and Database Concepts**", for BCA, Semester II, Nirali Prakashan, January 2009.
20. "**File Organization & Fundamentals of Database**", for F.Y.B. Sc. (Computer Science), Yearly Pattern, Nirali Prakashan, June 2008.
21. "**Introduction to Programming & C Programming**", for F.Y.B. Sc. (Computer Science), Yearly pattern, Nirali Prakashan, June 2008.
22. "**Advanced Java Programming**", for T.Y.B. Sc. (Computer Science), Semester IV, Nirali Prakashan, January 2006.
23. "**Software Engineering**", for T.Y.B. Sc. (Computer Science), Semester IV, Nirali Prakashan, January 2005.
24. "**Computer Networks and Network Administration**", for T.Y.B. Sc. (Computer Science), Semester IV, Nirali Prakashan, January 2005.
25. "**Java Programming**", for T.Y.B. Sc. (Computer Science), Semester IV, Nirali Prakashan, January 2005.
26. "**Software Engineering**", for T.Y.B. Sc. (Computer Science), Semester III, Nirali Prakashan, June 2004.
27. "**Object Oriented Concepts and Programming in C++**", for T.Y.B. Sc. (Computer Science), Semester III, Nirali Prakashan, June 2004.
28. "**Server Database and Application Development**", for T.Y.B. Sc. (Computer Science), Semester III, Nirali Prakashan, June 2004.
29. "**Computer Networks and Network Administration**", for T.Y.B. Sc. (Computer Science), Semester III, Nirali Prakashan, June 2004.
30. "**Theoretical Computer Science and Compiler Construction**", for T.Y.B. Sc. (Computer Science), Semester III, Nirali Publication, June 2004.
31. "**System Programming**", for T.Y.B. Sc. (Computer Science), Semester III, Nirali Prakashan, June 2004.
32. "**Object Oriented Concepts and Programming in C++**", for S.Y.B. Sc. (Computer Science), Semester II, Nirali Prakashan, November 2004.
33. "**File Structure and Database Concepts**", for S.Y.B. Sc. (Computer Science), Semester II, Nirali Prakashan, November 2003.
34. "**File Structure and Database Concepts**", for S.Y.B. Sc. (Computer Science), Semester I, Nirali Prakashan, July 2003.

Reviewer (Books, National and International Research Papers)

1. Reviewer of Research Papers at FICR International Conference on Rising Threats in Expert Applications and Solutions", at IIS University, Jaipur, India on 17th to 19th January 2020 (Springer).
2. Reviewer of Research Papers at International Conference on Digital Image Processing and Biomedical Informatics on 13th & 15th February 2018 (Springer), [SAPIENCE-18], 2018.

3. Reviewer of Research Papers at National Conference on “Recent Trends in Computer Science Engineering and Technology (ICRACSET-2017) at G.Y. Patrikar College of Computer Science And Information Technology, Aurangabad held on 2nd to 4th February 2017.
4. Reviewer of Research Papers at International Conference on Data Mining and Advanced Computing, (**IEEE**), [SAPIENCE-16], 2016.
5. Reviewer of Research Papers at National Conference on “Relevance of Research Methodology in Computer Science” at Christ College, Pune on 12th & 13th February 2016.
6. Reviewer of the Research Papers at National Conference on Recent Advances in Information Technology (NCRAIT-2014), Organized by Dept. of Computer Science and Computer Applications, School of Computational Sciences, Solapur University, Solapur, (MS), India, 15-16 February 2014.
7. Reviewer of Research Papers at blind-peer reviewed journal named “International Journal of Biometrics“ listed in UGC Journal list.

Organized Lecture/Workshops/Seminars/Conferences

1. Organized three days **faculty development program on “Data Science using Python and Machine Learning”** by Mr. Sanjay Sane on 13th, 14th and 16th December 2019 at Fergusson College (Autonomous), Pune.
2. Organized three days “**Hands on Training program on Website hosting using Word-press and Mobile application using Android**” for Undergraduate students between 28th August 2019 and 30th August 2019 at Fergusson College (Autonomous), Pune.
3. Organized a Lecture on “**Artificial Intelligence and machine Learning**” by Mr. Chandrakumar on 29th August 2019 for M.Sc. Data Science Students and Faculty members of Computer Science at Computer Science Department, Fergusson College, Pune.
4. Organized a one day “**Curriculum Development Workshop**” for B.Sc. Computer Science, M.Sc. Computer Science, M.Sc. Computer Application and M.Sc. Data Science on 12th January 2019 at Fergusson College (Autonomous), Pune.
5. Organized a “**One Day Zonal Level Workshop on Avishkar 2017**” on 22nd December 2017 at Fergusson College (Autonomous), Pune.
6. Organized a Lecture on “**Software Engineering Quality Assurance and Quality Control**” on 19th August 2017 for T.Y.B.Sc. Students and Faculty members of Computer Science at Computer Science Department, Fergusson College, Pune.
7. Organized a National level conference on “**Emerging Trends in Computer Science and Computer Applications**” (**NCETCSA 2013**) on 7th and 8th December 2013 in Computer Science Department, Fergusson College, Pune.
8. Organized a Zonal Level Project Competition on “**Avishkar 2010**” at Fergusson College , Pune on 6-7 December 2010.

Attended Lecture/Workshops/Seminars/Conferences

1. Participated and Attended **three days Virtual Hands-on Training program on “Python For Data Analysis”**, organized by Reva University, Bengaluru, India, from 17st June 2020 to 19th June 2020.
2. Attended and actively participated **online International web conference on “Impact of COVID-19 on Educational System”** organized by Dr. Babasaheb Ambedkar Marathwada University Aurangabad, MS, India in association with Computer Society of India, Wikimedia India and IETE.
3. Participated and Attended one day workshop on **Intellectual Property Rights for teachers** on 4th February 2020 at Fergusson College (Autonomous), Pune.
4. Participated and attended **pre-conference workshop** for the 3rd Biennial International Conference on “Recent Trends in Image Processing And Pattern Recognition (RTIP2R), at Department of Computer Science and Information Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS), India on 2nd January 2020.
5. Participated and Attended **three days faculty development program on “Data Science using Python and Machine Learning”** by Mr. Sanjay Sane on 13th, 14th and 16th December 2019 at Fergusson College (Autonomous), Pune.
6. Participated and Attended a National Level Seminar on “Bit-Bytes in Computing, Communication & Informatics”, at Pratibha College of Commerce And Computer Studies, Pune on 20-21 January 2017.
7. Participated and Attended one day workshop on “Computer Graphics: T.Y.B.Sc. (Computer Science)”, at Department of Computer Science, Savitribai Phule Pune University, Pune on 17 October 2015.
8. Participated and Attended the complimentary Seminar on “MATLAB and Simulink for Engineering Education”, at MathWorks India Pvt. Ltd., Pune on 13 March 2014.
9. Participated and Attended one day workshop on “Image Processing Techniques Using MATLAB 2012”, at Maulana Azad College of Arts, Science & Commerce, Aurangabad on 24th February 2013.
10. Participated and Attended two days workshop on “Fuzzy Logic And Related Topics”, at Department of Computer Science, Modern College of Arts, Science & Commerce, Shivajinagar, Pune on 29 30 March 2012.
11. Participated and Attended one day workshop on “Restructuring of T.Y.B.Sc. Computer Science Syllabus”, at H.V. Desai College, Pune on 27 February 2015.
12. Participated and Attended two days National Level workshop on “Big Data Analytics”, at Kaveri College of Science & Commerce, Pune on 23 24 January 2015.

13. Participated in the workshop on “Digital Image Processing (Camera, Camera Interface, C, MATLAB)”, conducted by School of Interdisciplinary Science and Technology at I2IT, Pune on 13-17 February 2012.
14. Participated and Attended Lecture series on “Digital Image Processing”, at Garware College, Pune on 1-6 August 2011.
15. Participated and Attended three day National Level Seminar “Biometric Based Identification”, at Baburaoji Gholap College, Pune on 7-9 February 2011.
16. Participated and Attended a meeting on “TY Paper VI Syllabus Discussion”, at Nawrosjee Wadia College, Pune on 22 January 2011.
17. Participated and Attended two days pre-conference workshop on “Soft Computing”, organized by Computer Science Department, Nowrosjee Wadia, Pune on 5-6 September 2010.
18. Participated and Attended one day workshop on “Syllabus Restructuring of T.Y.B.Sc. (Computer Science)”, at Garware College, Pune on 23 February 2010.
19. Participated and Attended CSI 2009 – 44th Annual Convention of Computer Society of India at Pune, on 8 -10 October 2009.
20. Participated and Attended a State Level Seminar on “The Evolution of Cyber Treats and Need for Increased Security”, at Modern College of Arts, Science & Commerce, Gneskhind, Pune on 19-20 December 2008.
21. Participated and Attended a one day workshop on “Revised Syllabus of F.Y.B.Sc. Computer Science”, at Modern College of Arts, Science & Commerce, Gneskhind, Pune on 23 August 2008.
22. Participated and Attended five days “Teachers Training Workshop” at Fergusson College Pune on 29th November to 5th December 2007.
23. Participated and Attended a two day workshop on “Restructuring the Syllabii of B.Sc./M.Sc. (Computer Science)”, at Abasaheb Garware College, Pune on 2-3 August 2007.
24. Participated and Attended two days Workshop on “Software Architecture” conducted by Department of Computer Science, Pune University, Pune on 31st March & 1st April 2007.
25. Participated and Attended two days Workshop on “Setting Up the Linux Laboratory for B.Sc. (Computer Science) at Fergusson College Pune on 23rd & 24th June 2006
26. Participated and Attended three days Workshop on “Preparation of Practical Slips (F.Y to T.Y.B.Sc. (Computer Science) & Java Training” organized by Department of Computer Science, Modern College, Ganeshkhind, Pune on 3rd to 5th January 2005.
27. Participated and Attended two days Workshop on “T.Y.B.Sc. (CS) Syllabus Implementation (PHP)” conducted by Department of Computer Science, Nawrosjee Wadia College, Pune on 17th and 18th July 2004.
28. Participated and Attended two days Workshop on “T.Y.B.Sc. (Old)/ T.Y.B.Sc. (Computer Science) Syllabus Restructuring” held Modern College, Ganeshkhind, Pune on 30th & 31st March 2004.

29. Participated and Attended two days Workshop on “Implementation of Syllabus of Computer Science Subject of S. Y. B. Sc. (Computer Science)” conducted by Department of Computer Science, Nawrosjee Wadia College, Pune on 9th and 10th August 2003.
30. Participated and Attended one day Workshop on “S. Y. B. Sc. (Computer Science) Syllabus Revision Workshop” organized by Department of Computer Science, Fergusson College, Pune on 23rd February 2003.
31. Participated and Attended one day Workshop on “Restructuring of B.C.S. Syllabus” conducted by Department of Computer Science, Nawrosjee Wadia College, Pune on 3rd October 2001.

Attended Faculty Development Programs (10)

1. Participated and Attended Five days Faculty development program on “Foundation and Insights of Deep Learning”, organized by Training and Development Committee, Deccan Education Society, Pune in association with Society for Data Science, from 6th July 2020 to 10th July 2020.
2. Participated and Attended Faculty development program on “Artificial Intelligence using Deep and Machine Learning”, organized by Jawaharlal Nehru Engineering College at Information Technology Department, Aurangabad from 1st January 2019 to 5th January 2019.
3. Participated and Attended Faculty development program on “Android Development Fundamentals”, organized by Google Developers at Computer Science Department, Savitribai Phule Pune University, Pune on 26th to -31st December 2017.
4. Participated and Attended two days Faculty Development Program on “Basics of Machine Learning with R” under DBT Star College Scheme, organized by Fergusson College (Autonomous), Pune on 29th and 30th March 2017.
5. Participated and Attended one day Faculty Development Program on “Basics of Data Analytics with R” under DBT Star College Scheme, organized by Fergusson College (Autonomous), Pune on 7th March 2017.
6. Participated and Attended two days Knowledge Enhancement Program on “Network Security, Internet of Things and Digital Image Processing” organized by IQAC, Fergusson College (Autonomous), Pune on 16th & 17th February 2017.
7. Participated and Attended one day Faculty Development Program on “Research Avenues in Incremental Learning” under IQAC, organized by Fergusson College (Autonomous), Pune on 7th January 2017.
8. Participated and Attended 2nd Winter School on “Digital Image Processing (WISDIP-2012)”, organized by Computer Science and Engineering Department, National Institute of Technology (NIT), Rourkela on 10th to 16th December 2012.

9. Participated and Attended Winter School on “Digital Image Processing (WISDIP-2011)”, organized by Computer Science and Engineering Department, National Institute of Technology (NIT), Rourkela on 13th to 18th December 2011.
10. Participated and Attended Faculty training program in “Software Engineering” at Persistent Systems Ltd. Pune on 22nd to 28th December 2007.
11. Participated and Attended six days training program in “Advanced Modeling Technique (ATM) and Unified Modeling Language (UML)” conducted for the Faculty in Computer Science at TCS (Tata Research Development & Design Center) on 7th , 8th ,21st ,22nd ,28th & 29th August 1999.

Conducted Workshops (02)

1. Conducted M.Sc. Computer Science Syllabus implementation workshop as Team Leader of “Digital Image Processing” at Fergusson College, Pune on 27-29 December 2011.
2. Conducted a one day workshop on “Software Engineering for T.Y.B.Sc. Students” at Indira College of Commerce and Science, Pune on 30 August 2008.

Place: Pune

Dr. Kavita A. Khobragade

Date: 08/04/2020