

PROFILE

Shilpa M. Kabra (Laddha)

Assistant Professor

Dept. of Information Technology
Government College of Engineering
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Mobile: +91 9422888879

Date of Birth: 22-09-1978

Nodal Officer: ICT and MOOC courses, TEQIP-III

Educational Qualifications:

- **Ph.D. Scholar - Computer Science & Engineering** from Sant Gadge Baba Amravati University, Maharashtra, India
Topic: Design and Implementation of Semantically Enhanced Information Retrieval using Ontology
- **M.E. in Computer Science & Engineering** from Government College of Engineering Aurangabad, Maharashtra (Dr. Babasaheb Ambedkar Marathwada University, Aurangabad) in 2007 with distinction.
- **B.E.in Computer Science & Engineering** from Babasaheb Naik College of Engineering Pusad, Maharashtra (Amravati University, Amravati Maharashtra) in 2000, University Rank 7th.
- **Higher Secondary** from R.A. College, Washim Maharashtra (Amravati Board, Amravati) in 1996 with distinction.
- **Secondary** from Mulibai Charkha English School, Washim Maharashtra (Amravati Board, Amravati) in 1994 with distinction.

Domain Expertise:

- Semantic Web Mining
- Information Retrieval
- Data Mining

Member of Professional Bodies:

- Life member of Indian Society for Technical Education, LM 80199

Reviewer of Conferences:

- International Conference on Computing, Communication, Control & Automation (ICCUBEA-2018)
- International Conference on Computing and Network Communications (CoCoNet'15)
- International Conference on Advances in Computing, Communications and Informatics (ICACCI'17)
- International Symposium on Women in Computing and Informatics (WCI-2016)
- International Conference on Advances in Computing, Communications and Informatics (ICACCI'16)
- International Symposium on Women in Computing and Informatics (WCI-2018)

Session Chair of Conferences:

- Moana National Conference on Recent Trends in Science & Engineering MNCRTSE-2017
- International Conference on Advances in Computing, Communications and Informatics (ICACCI'17)

Copyrights:

- [1] **“Design and Implementation of Semantically Enhanced Information Retrieval using Ontology”** Registration Number SW-9785/2017 Dated -13/12/2017.
- [2] **“Advanced Design and Implementation of Semantically Enhanced Information Retrieval using Ontology”** Registration Number SW-10336/2018 Dated -03/04/2018.

Publications:

- [1] **"Consumer Loan Credit Risk Analyzer using Artificial Neural Networks"**, National Conference on Innovative paradigms in Engineering & Technology (NCIPET-2013) Proceedings published by IJCA (Online), Number 1 (ISBN: 973-93-80879-18-3), pp 6-10
- [2] **"Book Related Information Retrieval using Ontology based semantic search & wordpress"** International Journal of Emerging Technology and Advanced Engineering Website: www.ijetae.com (ISSN 2250-2459, ISO 9001:2008 Certified Journal, Volume 4, Issue 12, December 2014),pp 589-596
- [3] **"New paradigm to keyword search: A survey."** Published in Green Computing and Internet of Things (ICGCIoT), 2015 PP. 920-923. IEEE Digital Explore, 2015 DOI: 10.1109/ICGCIoT.2015.7380594 ISBN: 978-1-4673-7910-6.
- [4] **"Semantic Search Engine."** Published in Indian Journal of Science and Technology Vol. 10, Issue 23 (2017) DOI: 10.17485/ijst/2017/v10i23/115568.
- [5] **"An Exploratory study of keyword based search results"** Published Indian Journal of Scientific Research 14(2), PP 39-45, ISSN: 2250-0138 (Online) 2017 (UGC Listed Journal Serial No. 20876)
- [6] **"Semantic Tourism Information Retrieval Interface"** Published in Advances in Computing, Communications and Informatics (ICACCI), 2017 IEEE Digital Explore DOI: 10.1109/ICACCI.2017.8125922, ISBN: 978-1-5090-6367-3.
- [7] **"Novel Concept of Query Prototype and Query Similarity for Semantic Search"** In: Deshpande A.V., Unal A., Passi K., Singh D., Nayak M., Patel B., Pathan S. (eds) Smart Trends in Information Technology and Computer Communications. SmartCom 2017. Communications in Computer and Information Science. Vol 876. Springer, Singapore. DOI: 10.1007/978-981-13-1423-0 ISBN: 978-981-13-1423-0 ISSN: 1865-0929
- [8] **"Novel Concept of Query Similarity and Meta-Processor for Semantic Search"** In: Bhatia S.K., Tiwari S.T., Mishra K.K., Trivedi M.C. (eds) Advances in Computer Communication and Computational Sciences. IC4S 2017. Advances in Intelligent Systems and computing. Vol 759. Springer, Singapore. DOI: 10.1007/978-981-13-0341-8, ISBN: 978-981-13-0341-8, ISSN: 2194-5357
- [9] **"Onto Semantic Tourism Information Retrieval"** accepted to be published in Journal of Information and Communication Technology (ISSN 2180-3862) Volume 20.

[10] **“Ontology Based Tourism Information Retrieval System: A Semantic Approach”** Elsevier Journal Procedia Computer Science (ISSN 1877-0509) volume 132, Pages 1363-1374 DOI: 10.1016/j.procs.2018.05.051, ScienceDirect

[11] **“Onto-Semantic Indian Tourism Information Retrieval System”** to be published in Inderscience Publishers International Journal of Computational Science and Engineering (ISSN 1742-7193), ScienceDirect

[12] **“Novel Concept of Spelling Correction for Semantic Tourism Search Interface”** Accepted to be published In: Mishra, Durgesh Kumar, Nayak, Malaya, Joshi, Amit (Eds.) Information and Communication Technology for Sustainable Development. ICT4SD 2018. Advances in Intelligent Systems and computing. Springer, Singapore. ISSN: 2194-5357

Courses & Workshops

| Sr. No. | Year | Name of Faculty | Organizing Institute with place | Title of Seminars/ Conference/ Workshop | Duration | |
|---------|------|-----------------|------------------------------------|---|------------|------------|
| | | | | | From | To |
| 1 | 2011 | Shilpa M. Kabra | GECA, Aurangabad | Skill Matrix enhancement & effective teaching learning for quality technical education(SMEETL-2011) | 28/11/2011 | 09/12/2011 |
| 2 | 2012 | Shilpa M. Kabra | GECA, Aurangabad | Engineering optimization techniques & its application in research(EOTAR-2012) | 2/01/2012 | 12/01/2012 |
| 3 | 2012 | Shilpa M. Kabra | Govt. Polytechnic Aurangabad | ReliaSofts Reliability Engineering Education | 05-03-2012 | 09-03-2012 |
| 4 | 2012 | Shilpa M. Kabra | Government College of Engineering, | Self Management & Team Management for Success-Breaking | 18/09/2012 | 18/09/2012 |

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| | | | Aurangabad | the Barriers | | |
| 5 | 2013 | Shilpa M. Kabra | VJTI, Mumbai | Workshop on Cloud computing under TEQIP | 05/04/2013 | 09/04/2013 |
| 6 | 2013 | Shilpa M. Kabra | Sinhgad college of Engg, Pune | FDP on Embedded Image Processing under TEQIP | 06/05/2013 | 10/05/2013 |
| 7 | 2015 | Shilpa M. Kabra | Sinhgad college of Engg, Pune | AICTE sponsored SDP on Soft Computing | 01/06/2015 | 13/06/2015 |
| 8 | 2015 | Shilpa M. Kabra | Yashada, Pune | STP:Foundation Training program for calss-I officers of Technical Education Department | 30/06/2015 | 20/07/2015 |
| 9 | 2015 | Shilpa M. Kabra | Government College of Engineering, Aurangabad | Workshop on Outcome Based Education (OBE) & NBA by Dr.S.BASKAR | 31/01/2015 | 01/02/2015 |
| 10 | 2014 | Shilpa M. Kabra | Government College of Engineering, Aurangabad | Big data Analysis- Foundation | 10/12/2014 | 11/12/2014 |
| 11 | 2015 | Shilpa M. Kabra | Shrihari Mundada, Enlighted Energy Systems Pvt Ltd,Pune | One day workshop conducted for IT students under Industry Institute Interaction on Current trends in application development | 28/09/2015 | 28/09/2015 |
| 12 | 2015 | Shilpa M. Kabra | Government College of Engineering, Aurangabad | Hydrological Modeling using open source geospatial techniques | 27/10/2015 | 31/10/2015 |

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|----|------|-----------------|--|---|------------|------------|
| 13 | 2015 | Shilpa M. Kabra | Government College of Engineering, Aurangabad | Pedagogy to Synergogy | 07/12/2015 | 11/12/2015 |
| 14 | 2016 | Shilpa M. Kabra | TCS, Sahayadri Park, Pune | Spandan-2016 | 31/03/2016 | 31/03/2016 |
| 15 | 2016 | Shilpa M. Kabra | Government College of Engineering, Aurangabad | Wavelet Theory | 12/04/2016 | 13/04/2016 |
| 16 | 2016 | Shilpa M. Kabra | DTE & IT-ITeS SSC NASSCOM, New Delhi at GECA, Aurangabad | Training the trainers Program, Foundation Skills in IT | 27/06/2016 | 2/07/2016 |
| 17 | 2017 | Shilpa M. Kabra | Government College of Engineering, Aurangabad | Soft Computing techniques in engineering applications | 15/02/2017 | 19/02/2017 |
| 18 | 2016 | Shilpa M. Kabra | Government College of Engineering, Aurangabad | Latex-A Document preparation Software | 14/11/2016 | 15/11/2016 |
| 19 | 2017 | Shilpa M. Kabra | Government Polytechnic, Amravati | Research Methodology & its applications | 9 /01/2017 | 13/01/2017 |
| 20 | 2017 | Shilpa M. Kabra | Government College of Engineering, Aurangabad | TEQIP II Sponsored FDP on “Optimization in Machine Learning” | 27/02/2017 | 03/03/2017 |
| 21 | 2017 | Shilpa M. Kabra | Government College of Engineering, Aurangabad | TEQIP II Sponsored three days STTP on “Data Analytics for Process Monitoring, Soft Sensing Controller Performance Assessment” | 25/03/2017 | 27/03/2017 |
| 22 | 2017 | Shilpa M. Kabra | IITBombayX (learning initiative of IIT Bombay) | Technical Communication for Scientists and Engineers | 27/01/2017 | 31/05/2017 |

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| 23 | 2018 | Shilpa M. Kabra | PES's Modern College of Engineering, Shivajinagar, Pune | AICTE - ISTE sponsored one week Induction / Refresher Programme on "Developing Multidimensional Competencies in Teachers" | 4/6/2018 | 9/6/2018 |
| 24 | 2018 | Shilpa M. Kabra | Government College of Engineering, Aurangabad | "Training the Trainers for the Course: Engineering Exploration" | 03/08/2018 | 07/08/2018 |
| 25 | 2018 | Shilpa M. Kabra | IIT, Madras | Introduction to Research | Aug 2018 | Sept 2018 |

National/International Conferences attended

| Sr. No. | Year | Name of Faculty | Organizing Institute with place | Title of Seminars/ Conference/ Workshop | Duration | |
|---------|------|-----------------|---|---|------------|------------|
| | | | | | From | To |
| 1 | 2013 | Shilpa M. Kabra | S.B.Jain Institute of Technology, Management & Research, Nagpur | 2nd National Conference on Innovative Paradigms in Engineering & Technology Consumer Loan Credit Risk Analyzer using Artificial Neural Network | 17/02/2013 | 17/02/2013 |
| 2 | 2015 | Shilpa M. Kabra | GCET, Greater Noida | IEEE sponsored 2015 International Conference on Green Computing and Internet of Things(ICGCIoT) PP:923-926 | 08/10/2015 | 10/10/2015 |
| 3 | 2016 | Shilpa M. Kabra | GIET, Gunupur | International Conference on Recent Innovations in Engineering & | 05/11/2016 | 06/11/2016 |

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|---|------|-----------------|--|--|------------|------------|
| | | | | Technology | | |
| 4 | 2017 | Shilpa M. Kabra | Manipal Institute of Technology, Manipal University, Manipal, Karnatak | International Conference on Advances in Computing, Communications and Informatics (ICACCI) | 13/09/2017 | 16/09/2017 |
| 5 | 2017 | Shilpa M. Kabra | An International Conference Supported by College of Engineering Pune(COEP) | Second International Conference on Smart Trends for Information Technology and Computer Communications | 18/08/2017 | 19/08/2017 |
| 6 | 2018 | Shilpa M. Kabra | NorthCap University, Gurugram | International Conference on Computational Intelligence and Data Science (ICCIDS 2018) | 7/04/2018 | 8/04/2018 |
| 7 | 2018 | Shilpa M. Kabra | Hotel Vivanta by Taj, GOA, INDIA. | Third International Conference on Information and Communication Technology for Sustainable Development (ICT4SD 2018) | 30/08/2018 | 31/08/2018 |

Other information

- Research guidance to more than 70 UG Students for BE Projects.
- Member of Local Governing Committee at Geetai Institute of management, Bidkin Dist. Aurangabad affiliated to Dr. BAM University Aurangabad
- Given expert lectures at Geetai Institute of management, Bidkin Dist. Aurangabad affiliated to Dr. BAM University Aurangabad