



# GOVERNMENT POLYTECHNIC BRAMHAPURI

## FACULTY PROFILE

### DEPARTMENT: INFORMATION TECHNOLOGY

<b>Name</b>	Dr. Kemal Umrao Koche
<b>Designation</b>	Lecturer in Information Technology
<b>Date of Birth</b>	25/06/1981
<b>Date of joining Tech. Ed. Dept.</b>	06/08/2016
<b>Date of joining G. P. Bramhapuri</b>	06/08/2016
<b>Address for Correspondence</b>	G. P. Bramhapuri, Chandrapur
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<b>Email ID</b>	kemal.koche@gov.in, kemalkoche@gmail.com
<b>Area of Interest</b>	Image Processing, Computer Security, Artificial Intelligence, Data Science
<b>Subjects Taught</b>	Programming Language C, OOP using C++, Software Engineering, Software Testing, Network and Information Security, Operating System, Algorithm and Data Structure, Theory of Computation, Computer network, Data Base Administration, Advance Computer Architecture.

**Qualification** Ph.D. (Comp. Sci. Engg.), ME(Comp. Sci. Engg.), BE(Comp. Tech.)

**Experience** In Years: 18 years

Organizations	Designation	From Date	To Date	Years
Govt. Poly. Bramhapuri	Lecturer	06/08/2016	Till date	06 yrs. 06 months
J.D. College of Engg, Nagpur	Sr. Lecturer	07/06/2010	05/08/2016	6 yrs. 2 months
IBM	Associate System Engg	24/07/2008	02/06/2010	02 yrs.
Maharashtra Academy of Engineering, Pune	Sr. Lecturer	20/07/2007	23/07/2008	01 yrs.
Anjuman College of Engineering, Nagpur	Lecturer	01/07/2005	31/05/2006	01 yrs.
Rainibai Agnihotri Institute of Computer Science and Technology, Wardha	Lecturer	01/08/2003	31/06/2005	01 yrs. 10 months

**Paper Published**

National Journals:

International Journals:

1. A Review on Identity and Access Management for Multitier Cloud Infrastructure by using Kerberos, 2<sup>nd</sup> International Conference on Advances in Engineering and Technology, 2015.
2. An Analysis on Various E- Learning System Architecture Model using Cloud Computing, International Journal of Information Technology and Management, vol-7, issue-10 Aug-2014
3. Overview of SinkTrail Protocol for Energy Efficient Data Gathering in Wireless Sensor Network, International Journal of Recent and Innovation Trends, Volume-2, Issue-5, May 2014.
4. A Cluster Approach for Dataplacement for reducing energy consumption of node in WSN, International Journal of Computer, Information Technology and Bioinformatics, Volume-2, Issue -1, April 2014.
5. A Cellular Data Placement model for Wireless Scensor Network based on Distributed Clustering Approach, International Journal of Computer Science and Information Technologies, Volume-5(3),2014
6. Energy Efficient Data Gathering using Shortest Trajectory in WSN, International Conference on Systemics, Cybernetics and Informatics-2014.
7. Advance Robust Watermarking of Compressed and Encrypted Digital Media, International Conference on Systemics, Cybernetics and Informatics- 2014.
8. A Comparative Study About Ecosystem In E- Learning Based On Cloud Computing: A Theoretical Approach , International Journal of Information Technology and Management, vol-5, issue-1 Aug-2013
9. Study of probabilistic Neural Network and Feed Forward Back Propagation Neural Network for Identification of Characters in License Plate, Springer Link, Advances in Power Electronics and Instrumentation Engg. Communication in Computer and Information Science, Volume 148, 2011
10. Comparision of Neural Network and template Matching Technique for Identification of Characters in License Plate, Internation conference on Information Science and Application 2010.

**Training  
Attended**

1. NPTEL online Course on Software Testing (4 Week Jan-Feb 2021)
2. Overcoming the challenges in adapting online Technology in Teaching Learning (06/05/2020 to 11/05/2020)
3. Machine Learning and Deep Learning Application in Engineering & Science. (16/05/2020 to 20/05/2020)
4. Signal, Image and video Processing: A Practical Approach (26/05/2020 to 30/05/2020)
5. Application of Finite Element Analysis and Computational Dynamics using AnSYS (13/06/2020 to 17/06/2020)
6. 3D Printing for industrial & biomedical Applications.( 03/06/2019 to 15/06/2019).
7. Induction Training Program Phase-1 (26/02/2018 to 09/03/2018)
8. Induction Training Program Phase-2 (22/10/2018 to 02/11/2018)
9. Big Data Analytics, Cyber Security and IoT (27/05/2017 to 01/06/2017)
10. Interpersonal Interactions, Work Place Ethics and Behaviour (24/07/2017 to 28/07/2017)
11. VHDL Simulation & Synthesis (27/03/2006 to 08/04/2006)
12. Two Week Industial Training Program on IIOT (16/03/2021 to 30/03/2021)

13. Two Week Industrial Training on Artificial Intelligence & Machine Learning (07/03/2022 to 21/03/2022)
14. Industrial Training in Additive Manufacturing & Its Applications (11/05/2022 to 24/05/2022)