Kiran Joshi   **kkjoshi@it.vjti.ac.in**

| **Educational Qualification** |
- Pursuing Ph.D. in computer Engg. at VJTI,Mumbai
- Completed M.Tech. in Computer Engineering at Government College of Engineering, PUNE
- Completed B.E. in Computer Science & Engineering from Government COE Aurangabad
- Completed Diploma in Computer Engineering

| **Experience** |

Total teaching experience :14years +

| **Workshop /Training** |

Sr. No.	Name of Programme / Training participated	Name of Organizing Institute / University / Other where Attended the lecture	Year *(dd/mm/yyyy to dd/mm/yyyy)*
1	Cyber Security	IIT Roorkee	24/2/2020-6/3/2020
1	Big Data Analytics	IIT Roorkee	1/4/2016 To 10/04/2016
2	Introduction to Design of algorithms	IIT Kharagpur	27th April 2015 to 30th May 2015
3	Network Security	Govt. engg college Aurangabad	07/10/2013 TO 11/10/2013
4	Cloud Computing	VJTI	5th April 2013-9th April 2013
5	Introduction to Research Methodologies	VJTI	June 25th, 2012 to July 4th, 2012

- One week workshop attended on "Pedagogical skills" TEQIP Cell, VJTI with NITTR Bhopal 15/12/2014 to 19/12/2014
- International workshop attended on "Development Environment & Processes - 06" guided by Prof. Claude Petitpierre
- Workshop attended on   "Gateway To networks research " at Kanwal Rekhi School of Information Technology (IITB), Mumbai
- Workshop attended on "Basics of ethical hacking"

| **Product   development** |

1.Mobile App

OFF PLAY STORE
1.MHT-CET 2017(not on playstore)

Recommended by DR. Chandrashekhar Oak(former collector of Mumbai) DTE Director Maharashtra and used by DTE Officers ,Mumbai Collector Office ,Collector Mumbai and Higher Authorities of DTE Maharashtra.

2 .MAHANEWS App (Not on playstore):-
Mobile app for displaying trustworthy news of Government of Maharashtra & proposed Monetisation model

In this app we are showing official Mantralya news , All district news of Maharashtra, New delhi (MIC) News ,Vidhansabha news ,Vidhanparishad news , Job news and important links are also included. Demo of app has been given to Honorable Cabinet Ministers & following Honorable Authorities:

1) **Shri. Brijesh Singh: IG Cybercell and Directorate of General (DGIPR, Maharashtra State)**
2) **Shri.Balsing Rajput :SP Cyber cell Maharashtra State**
3) **Shri. Kaustubh Dhavse:P.A. and O.S.D.to Chief minister of Maharashtra**
4)**DGIPR Director in Mantralaya ,Mumbai**
5) **Shri. Sanjay Deshmukh:Principal Secretary ,Medical Education**

https://drive.google.com/file/d/1bnmP_nVgbD26CPKIV1Yq0xDqG_nV0aH4/view?usp=sharing or shorturl.at/rJV37

SNAPSHOTS OF MAHANEWS

3)ON PLAYSTORE
VJTI MTECH COMPUTER GUIDE
Link Playstore:

https://play.google.com/store/apps/details?id=com.gcreatorz.mtechcomputervjtiguide&hl=en_IN

4.SMARTHELMET :Showcased in Technovanza Feb -2012

Responsibilities Handled
- Worked as VJTI Institute web Incharge
- Worked for AMBIS Data Center acceptance test of Maharashtra Cyber on 10th july 2019
- Mentored successfully VJTI Teams at IBM Think Great Mind Challenge
- Class Teacher for M.Tech(Computer Engineering)
- Organized TEQIP Sponsored workshop   "Information security & Forensic analysis" at VJTI from 21st Oct 2013 - 25th Oct. 2013
- Worked in the First Year and second year admission process of B.Tech .
- Worked as Sub-liaison officer Mumbai district of MHT-CET 2013,2017,2018
  Examination conducted by Directorate of Technical Education, Govt. Of Maharashtra.
- Worked as member in scrutiny committee of document verification at D.T.E. regional office Mumbai
- Worked as Department admission coordinator of department for

M.TECH (Software Engineering) first year admission process. Aug. 2012

- Organized Industry Institute Interaction workshops.
- Developed & Compiled Syllabus of first year M.TECH (COMP, NIMS, SE) specialization PG Course.
- Dept. M.Tech Admission co-ordinator on 12th July 2014-13th July 2014.
- Worked as faculty member for department procurement process of TEQIP- II.
- Guided student for patented product Smarthelmet which was showcased in TECHNOVANZA -2012
- University paper checking of Mumbai and SRTMU Nanded
- Coordinator for Technical Lecture series (Big data & Mobility) by L&T at VJTI on 21st, 22nd & 27th Feb.2015
- Departmental NBA Coordinator for M.TECH(NIMS)-2017,B.TECH(IT)-2016
- Organized MHRD sponsored workshop on "Advanced Data Analysis and Decision Making" 30th December 2019 - 03rd January 2020.

Expert Lecture

- Delivered a expert lecture in TEQIP -II Workshop on "Information security & Forensic analysis" at VJTI on 25th Oct. 2013

Reviewer

- Reviewer for International Conference on Computing Communication and Automation by IEEE at Galgotia University, Noida from 2014, 2015, 2016

Best Paper Award

1. Best Paper award for "Improved Authentication protocol for GSM Security" in National Conference ETCS-07.

Paper published

1. "User Privacy and Database Security using Context based Access Control in Android Devices: A Survey "International Research Journal of Engineering and Technology (IRJET), Volume: 07 ,Issue: 07, July 2020
2. "Android Vulnerability Analysis and Approach of Malware Detection" in International Research Journal of Engineering and Technology (IRJET) Volume: 07 ,Issue: 07, July 2020
3. "An efficient hardware–oriented runtime approach for stack –based software buffer overflow attacks on system compiler " in International Research Journal of Engineering and Technology, Vol-6 ,Issue -7,July 2019
4. "Forensic Investigation Procedure for Data Acquisition and Analysis of Firefox OS based Mobile devices" in CAST 2016.
5. "Security Sandbox model for modern web environment" in ICNTE 2017.
6. "Weight Based Data Center Selection Algorithm in Cloud Computing Environment" in Springer 2016.
7. "A Survey of VM Allocation and Migration Algorithms for Energy-Efficient Data Center" in IJIRT 2016.
8. "Recommendation System using Keyword Base Approach" in the International Advanced Research Journal in Science, Engineering and Technology 2015.
9. Survey of Energy-Efficient Load-Balancing Scheduling Algorithms in Data Center" in International Journal of Innovative Research in Science, Engineering and Technology 2015.
10. "Data acquisition Methodology for Forensic Investigation of Firefox OS" in International Journal of Computer Science and Information Technology Research

2015.
11. "Extended ECDSR Protocol for Energy Efficient MANET" in the International Conference on Advanced Computing & Communication System 2015.
12. "Survey on the Security Aspects of Mobile Operating Systems" in International Journal of Innovative Research in Science, Engineering and Technology 2015.
13. "Simulation and Analysis of Cloud Environment" in International Journal of Advanced Research in Computer Science and Technology 2014.

Paper presented in Technical Symposiums

4 Papers Presented in National level technical symposium at NSIT New Delhi , VNIT NAGPUR, PVGCOE PUNE, MIT'S MAE PUNE.

Industrial Training

1. Done In plant at CTR Manufacturing Industries Pvt. Ltd. Aurangabad to study "ERP" and software developed for research and development department.
2. **Done In plant at VIDEOCON INTERNATIONAL Pvt. Ltd. Aurangabad.**

Prize

1. Won First prize in National Conference on "Improved Authentication protocol for GSM Security" in National Conference ETCS-07.
2. Won Second Prize at National Level Paper Presentation contest held at VNIT Nagpur organized by IEEE Student chapter.
3. Won Third Prize at State Level Paper Presentation contest held at MAE Organized by IEEE Student chapter.

Extra-Curricular Achievements

1. Organized COMPFEST-2003 The Technical Paper Presentation contest
2. Represented College in events organized by Rotary Club of Aurangabad & Yuva Sakal Newspaper as a part of youth festival 2002.
3. Meritorious Performance in Maharashtra Talent Search (M.T.S.) examination.

Recommendations

1. Provided SOP & Recommended Nidhi Shah at MIT SLOAN SCHOOL OF MANAGEMENT ,USA (TOP 3RD in world)
https://drive.google.com/file/d/1Wkt0YbDY2p0J9PBoY0IhNb06bjDOQE Nf/view?usp=sharing