



## FACULTY PROFILE



**NAME** : Dr. Manisha S Abhyankar  
**QUALIFICATION** : PhD in computer science  
**Email ID** : manishaabhyankar@kbpcollegevashi.edu.in  
**DEPARTMENT** : Computer Science  
**DESIGNATION** : Head of department  
**EXPERIENCE** : 22 years  
**SPECIALIZATION** : Python,TOC,JAVA,Compiler,  
Big Data,Robotics.

### **PUBLICATIONS :**

#### **Books Publications-**

- **Data Science for Tech-Knowledge Publication Pune, 2019**
- **Theory of Computation, Tech-Knowledge Publication Pune, 2017**
- **Programming with Python-I ,Tech-Knowledge Publication Pune, 2017**
- **Programming with Python-II, Tech-Knowledge Publication Pune, 2017**
- **Python Programming for Information technology, Tech-Knowledge Publication Pune, 2017**

#### **Research Publications in Journals-**

- **“M2M Communication”(Nov 2016), ICSDETMSSS-2016, November.**
- **“The Advancement In Wireless Communication From First Generation To Fifth Generation wireless Technology”(Dec2017), Paradigm Shift in Global Economic Scenario: Role of Technology & Management “,December**
- **“Internet of everything and internet of things supported by 5G wireless technology” (2017-18) Scholarly Research Journal For Interdisciplinary studies, Jan-Mar 2018,Vol.7, Issue-37,pp. 74-80, ISSN-2278-8808**
- **“LTE downlink data performance in 5G compared to 4G through LTE link level simulator” Commerce, Management, Technology, Engineering and Environmental Sciences Galaxy-Link –An international For multidisciplinary half yearly research journal, NOV-APRIL ,2017-18, Vol- VI Issue-I Part-IV**



## **FACULTY PROFILE**

**ISSN: 2319-8508, Impact Factor-4.361**

- **“Extract Text from Scanned Copy to Excel Sheet by using OCR”;**  
**AADYA:Journal of Dr.D.G.Pol foundation YMT College of Management; April 2015,Vol.-4(2), pp: 190-194, ISSN: 2319-264X**
- **“Machine-to-Machine Technology & its application”, International Conference on Electrical, Electronics & Computer Science(ICEECS) & Recent Trends in Engineering & Management Science(RTEM) & Civil,Mechanical , Biological & Medical Engineering(ICMBME),Vol. 1,pp- 55-59,ISBN-978-3-642-24819-9**
- **“LTE downlink data performance in 5G compared to 4G through LTE link level simulator” Commerce, Management, Technology, Engineering and Environmental Sciences Galaxy-Link –An international For multidisciplinary half yearly research journal, NOV-APRIL ,2017-18, Vol- VI Issue-I Part-IV ISSN: 2319-8508, Impact Factor-4.361**
- **“M2M Communication”(Nov 2016), ICSDETMSSS-2016, November.**
- **“Internet of everything and internet of things supported by 5G wireless technology” (2017-18) Scholarly Research Journal For Interdisciplinary studies, Jan-Mar 2018,Vol.7, Issue-37,pp. 74-80, ISSN-2278-8808**

**Papers Published in conference proceedings-NIL**

### **PAPERS PRESENTED:**

**Research Papers presented in international conferences-**

- **“Machine-to-Machine Technology & its application”, International Conference on Electrical, Electronics & Computer Science(ICEECS) & Recent Trends in Engineering & Management Science(RTEM) & Civil,Mechanical , Biological & Medical Engineering(ICMBME),Vol. 1,pp- 55-59,ISBN-978-3-642-24819-9**

**Research Papers presented in national conferences-NIL**

### **CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:**

#### **Workshop:**

- **Cyber Security” by Pristine InfoSolutions**
- **“Raspberry Pi IoT” by Embedded Technosolutions**



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- Revised Practical of Revised Syllabus of M.Sc-II by University of Mumbai Kalina, Mumbai
- Revised Syllabus of F.Y.Bsc Computer Science by University of Mumbai Kalina, Mumbai
- Revised Syllabus of M.Sc-I Computer Science SEM-II by University of Mumbai Kalina, Mumbai
- M.Sc CS Sem- I Revised Syllabus Practical for P-II & IV by University of Mumbai Kalina, Mumbai
- “Cyber Security & Ethical Hacking” by Pristine InfoSolutions
- “R Programming” by the Department of Computer Science, K.B.P. College, Vashi
- “Big Data Analytics and Data Science using Python” by Department of Computer Science, K.B.P. College, Vashi
- “Advanced Python” by Department of Computer Science and Data Science with collaboration Spectrum i-Tech.

### **Conferences:**

- Two days National Level Conference on “IPR and Research Methodology” by Department of Information Technology, K.B.P. College, Vashi
- International Conference on “Bhavishya of India after COVID-19” by Thakur College

### **ACTIVITIES ORGANIZED:**

- Online Poster Making Competition on “Use of Digital Technology during Lockdown.
- Two days FDP program on “ Big Data Analytics and Data Science using Python”
- Online Poster Making Competition on “Use of Digital Technology. .
- Inter Collegiate and Departmental Fest “Algo-rythm ”. Every year

### **FDP/TRAINING COURSES COMPLETED:**

- Two days FDP on “Linux-Ubuntu Operating System” by Spoken Tutorial IIT Bombay.
- Three days FDP on “Online College Management and content creation tools” by BMM & BAMMC Dept of Lala Lajpatrai College of Commerce & Economics with North Storm Academy.
- Two days FDP on “Linux-Ubuntu Operating System” by Spoken Tutorial IIT Bombay.



## **FACULTY PROFILE**

### **RESEARCH PROJECTS:**

- Extract text from scanned copy and convert that scan copy to excel sheets by using OCR in 2016-17
- Food Nation: Saving the environment by preventing food wastage through ICT in 2016-17
- Smart Doctor & Smart Patient in 2017-18
- Develop simulator for Data flow in 5G Wireless Technology in 2018-19

### **MEMBERSHIPS/AFFILIATIONS:NIL**

### **AWARDS AND ACHIEVEMENTS:**

- Book publication award in year 2017 and 2019
- Best teacher award in year 2018
- Best department award in year 2018 and 2019

### **ANY OTHER DETAILS:**

- Work as Lead trainer for “Rayat Artificial Intelligence Course-Train the Trainer Program” Organized by: Raigad Region, Rayat Shikshan Sanstha, Satara.
- Chairman of the Integrated Infrastructure Committee of College.
- Member of the Examination Committee of College.
- Member of the Research and promotion Committee of College.