



FACULTY PROFILE



NAME : **Ashwni Somnathe**
QUALIFICATION : **M.Sc (Computer Science),B.Ed**
Email ID :
ashwinisomnathe@kbpcollegevashi.edu.in
DEPARTMENT : **Information Technology**
DESIGNATION : **Assistant Professor**

EXPERIENCE(Yrs.) : **14 yr**

SPECIALIZATION : **Computer Science**

PUBLICATIONS :

Books Publications-

- Title of book: Operating System Publication: Sheth Publishers pvt. Ltd ISBN Number: 978-93-5149-700-4
- Title of book: Modern Operating System Publication: Sheth Publishers pvt. Ltd ISBN Number: 978-93-5149-351-8
- Title of book: Embedded System Publication: Sheth Publishers pvt. Ltd ISBN Number: 978-93-5149-456-0.
- Linux System Administration Publication:Tech-Neo 978-93-89251-81-4
- Software Testing & Quality Assurance Publication: Tech-Neo978-93-89251-67-8
- Linux Server Administration Publication:Tech-Neo 978-93-89366-54-9

Research Publications in Journals-

- Publish research title “Image Retrieval Using Genetic Algorithm” in International Journal of Innovative Research in Computer and Communication Engineering volume 1, Issue 1, January 2016. With Impact Factor 5.618
(ISSN:ONLINE:2320-9801 AND ISSN:PRINT:2320-9798)
- Publish research title “Consideration of Big Data: Performance of Hadoop in Modern Era” in International Journal of Innovative Research In Computer and Communication Engineering volume 4 ,Issue 4, April 2016. With Impact Factor



FACULTY PROFILE

5.618. .(ISSN:ONLINE:2320-9801 AND ISSN:PRINT:2320-9798)

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- “Human-machine interaction oriented image retrieval system based on interactive genetic algorithm “International Conference on “Emerging Trends in Technology” on 18th -19th March 2015.(ISSN:2349-4794)
- “Image retrieval using genetic algorithm based on multi-feature similarity score fusion” International Conference on “Emerging Trends in Technology and its Application” on 6th and 7th March 2013.(ISBN:978-81923777-7-3)
- “A Network Management Software Based on SSH Channel and JUNG” International Conference on “Emerging Trends in Technology and its Application” on 7th and 8th March 2014. .(ISBN:978-81923777-7-3)
- “Exploration of real time operating system with emphasis on QNX” International Conference on “Emerging Trends in Technology and its Application” on 6th and 7th March 2013.(ISBN:978-81923777-7-3)
- Two Week ISTE STTP on “**Introduction to Design of Algorithms**”
“conducted by Indian Institute of Technology Kharagpur from 27th april to 30th May,2015
- Coordinated Two days ‘**National Android Apps Championship Workshop**’ at Karmaveer Bhaurao Patil College of Science, Arts & Commerce, Vashi on 19-20th December 2014.
- Two day e-Seminar on “**Steps 2 Research**” in association with ISTE Kerla Section and CSI Cochin Chapter on 19-20th September 2014.
- One day regional level workshop on “**Research Paper Writing**” at Sheth NKTT College, Thane on 13th September 2014.
- Two week ISTE workshop on “**Computer Programming**” conducted by Indian Institute of Technology Bombay from May 20th , 2014 to June 21st , 2014.
- One Day Workshop on “**Advanced Computer Network** “ in association with Ad-Hoc Board of Studies in Information Technology, University of Mumbai on 25th January 2014.



FACULTY PROFILE

- One Day Workshop on “Linux Operating System” at Dnyanganga Degree College, Thane on 24th February 2010.

ACTIVITIES ORGANIZED:

- Coordinated Two days “National Android Apps Championship Workshop” at Karmaveer Bhaurao Patil College of Science, Arts & Commerce, Vashi on 19-20th December 2014.
- Conducted session on “IP Addressing and Subneting and Practical on Packet Tracer” at Sardar Patel Mahavidyalaya, Chandrapur on 23rd January 2015.
- Conducted session on “Embedded System” at Sardar Patel Mahavidyalaya, Chandrapur on 26th September 2015.

●

FDP/TRAINING COURSES COMPLETED:

- Two day FDP on "RDBMS postgresSQL" organized VIT Chennai.
- Two Weeks Faculty Development Programme on "MANAGING ONLINE CLASSES and CO-CREATING MOOCS".
- One Week FDP On "Moodle Learning and management System

RESEARCH PROJECTS:

- Minor research project on “Image Retrieval Using Genetic Algorithm Based on Multi Feature Similarity Score Fusion” funded by Karmaveer Bhaurao Patil College, Vashi Navi Mumbai, in academic year 2015.
- Final year project on E_Learning software (Base on Animation) using VB 6.0.