Resume

Uday U. Rote
E-Mail : udayrote@somaiya.edu
Ph. No.:   9867339081(M)

Educational Qualification

- **M.E. (Computer Engg.) (First Class** with7.51cgpa)   from B.V.D.U.C.O.E., Pune. Bharati Vidyapeeth Deemed University

- **B.E. (Computer Sc. & Engg.)** from S.S.G.M.C.E., Shegaon, Amaravati University (**First Class** with 63.23%).

Total Work Experience (18Yrs.)

- Working as Assistant Professor and Head of the Department in Information Technology Dept. of K.J.Somaiya I.E.I.T Sion Mumbai since 2015.

- Working as Dean of Alumni and Corporate Relations Assistant Professor and Head of the Department in Information Technology Dept. of K.J.Somaiya I.E.I.T Sion Mumbai since 02/09/2015.

- Working as CSI counselor since 2009.

- Working as Assistant Professor in Computer Engg. Dept. of K.J.Somaiya I.E.I.T Sion Mumbai since 02/09/2002.

- Worked as Lecturer in Computer Engg. Dept. of Lokmanya Tilak College of Engg. Navi Mumbai (1 ½ years).

Area of Interest

Mobile computing , Wireless sensor networks, Computer Network.

Additional Responsibilities

- Working as a Head of Department of Information Technology.
- Dean of Alumni and Corporate Relations.
- Working as a MCA Coordinator for Mumbai University in college.
- Working as a counselor for (CSI) Computer Society of India.
- Worked as Chief Conductor and Senior Supervisor for various exams conducted by University of Mumbai.
- Appointed as a Member of IT infrastructure Squad by Mumbai University.

Actively participated in various capacities for different academic and technical activities conducted & organized by dept. and college.

Achievement : Best HOD Award by CSI Mumbai at IIT Bombay in 2018

Paper Published:

- International Conference on 'Multidisciplinary Aspects of Engineering' (IMAE-05) organized by IEEE WIE Affinity Group Bombay Section Pune Institute of Engineering & Technology Pune. 7-8, January 2005.
  Paper Title: "Flow Control Using RM Consolidation for multicast ABR Services in ATM Networks and Switches".
- National Conference on 'Distributed Computing' (NCDC-06) organized by P. Dr. D.Y. Patil Institute of Engg. & Tech., Pune on Sept. 1-2, 2006.
  Paper Title: 'Distributed Hierarchical Intrusion Detection System'

Paper Title	Conference /journal	Journal	Date
Anti-Theft Mobile Application	International Conference on Advances in Science and Technology (ICAST)	International journal on Advance in Wireless Communication (AWMC)	6,7,April 2018
Fuel level Calibration Using Wireless Senssor Network	**Journal**	Open Access International of Science and Engineering (OAIJSE)	March,2018
Linear Regression for Trends in Technical Skills	**Journal**	International Journal of Innovative Science and Research Technology, Volume 3, Issue 3, ISSN no 2456-2165	March,2018
Anti-Theft Mobile Tracking Application	**Journal**	Open Access International of Science and Engineering (OAIJSE)	March,2018
IoT Based Petrol Level Detection	International Conference on Advances in Science and Technology (ICAST)	International journal of Computational Intelligence Research (IJCIR)	6,7,April 2018

Minor Research :

Sr.No	Title	Agency	year	Grant Amt.	Duration	Status
01	Design and analysis of	Mumbai	2014	45000	08months	granted

	energy efficient routing protocol	University				
02	Improvement of the performance of routing protocol in wireless sensor network	Mumbai University	2017-2018	30,000/--	08 months	granted

Seminars, Workshops & Training Programs Attended :

Sr. No	Name of the course/Training program	Duration		Organization/Institute
		From	To	
1	Introduction to Design of Algorithms(Two week ISTE STTP)	27/04/2015	30/05/2015	IIT Kharagpur
2	IoT Application development(One-week FDP)	02/05/2016	07/05/2016	KJSIEIT, Sion,Mumbai
3	NAAC- process criteria and Audit(one week IQAC)	25/04/2016	29/04/2016	KJSIEIT, Sion,Mumbai
4	Cloud computing and Big Data Analysis(one week STTP)	10/11/2014	14/11/2014	KJSIEIT, Sion,Mumbai
5	Research Methodology and Current Trends(one week STTP)	16/12/2013	20/12/2013	Shah&Anchor Engg.college,Mumbai
6	Research Methodology for PhD Aspirants(two week FDP)	05/05/2014	16/05/2014	KJSIEIT, Sion,Mumbai
7	Wireless communication and Networking(one week STTP)	13/07/2009	17/05/2009	KJSIEIT, Sion,Mumbai
8	Opportunities and Trends in information system security(Two week STTP)	20/11/2006	01/12/2006	DBIT,Kurla,Mumbai
9	Wavelet Transform(one week STTP)	24/11/2008	28/11/2008	KJSIEIT, Sion,Mumbai
10	Component Technology(one week STTP)	17/12/2007	22/12/2007	FR.C.Agnel ,Vashi,Navi-Mumbai
11	Network and Internet Security(one week STTP)	23/11/2009	27/11/2009	KJSIEIT, Sion,Mumbai
12	Effective teaching and Learning Computer Programming(two week ISTE workshop)	14/12/2009	24/12/2009	IIT,Mumbai
13	The New Generation 4G and 5G Innovations, Research, Scope and Limitations(one week STTP)	17/11/2015	21/11/2015	KJSIEIT, Sion,Mumbai
14	Evangelizing Internet of Things(IoT)	05/10/2015	05/10/2015	KJSIEIT, Sion,Mumbai
15	One day orientation program on Information storage management and disaster recovery	22/01/2011	22/01/2011	KJSIEIT, Sion,Mumbai
16	One day orientation program on Data Warehousing and Business Intelligent	23/07/2010	23/07/2010	KJSIEIT, Sion,Mumbai
17	One day Workshop on GNU/LINUX	13/08/2004	13/08/2004	KJSIEIT, Sion,Mumbai

18	One day Workshop on VLSI Design and VHDL	14/09/2002	14/09/2002	TSEC,Bandra
19	Two days workshop on "Mobile Cellular System and Wireless Lan.	30/07/2004	31/07/2004	KJSIEIT, Sion,Mumbai
20	Two days workshop on" Recent Trends in Object Oriented Software Engineering (OOSE)	18/09/2009	19/09/2009	PVPPCE, Sion,Mumbai
21	One day Workshop on NPTEL Awareness	08/01/2016	08/01/2016	KJSIEIT, Sion,Mumbai IIT Bombay
22	One day workshop on Academic Leadership Meet	04/08/2017	04/08/2017	TCET kandivali Mumbai
23	ISTE approved One week STTP on python, R- programming and Perl programming	02/01/2018	07/01/2018	KJSIEIT, Sion,Mumbai
24	ISTE approved One week STTP Cyber Security in IoT Applications	02/07/2018	7/07/2018	KJSIEIT, Sion,Mumbai

- Attended one week AICTE-ISTE Sponsored STTP on "Emerging Trends in Wireless Communication & Networks" organized by Umrer College of Engineering, Umrer.(Nagpur) 23- 28,March 2009.
- Attended a Faculty Development Program "Enabling the Guru" by L&T Infotech Ltd. At Navi Mumbai. 17-18 Jan 2008.
- Attended one week AICTE-ISTE Sponsored STTP on "Component Technology" organized by Fr.C. Rodrigues Institute of Technology Agnel Technical Education Complex Vashi.17- 22, Dec 2007.
- Attended three day workshop on "Bioinformatics – Application in Life Sciences" by Mumbai University at Mumbai 9-11 Feb 2007.
- Attended one day Seminar on "Introduction to Modern Data Communication" by Logtel Computer Communication Ltd. 4 Feb 2005.
- Attended One day seminar on "GNU/LINUX" organized by K.J.Somaiya I.E.I.T.Sion, Mumbai on 13th August, 2004.
- Attended Two day seminar on "MOBILE CELLULAR SYSTEM AND WIRELEESS LAN" organized by K.J.Somaiya I.E.I.T.Sion, Mumbai on 30-31 July, 2004.
- Attended Two days faculty training program held by ACCENTURE Mumbai on 21-22 August 2006.
- Attended course and fulfilled all the requirements for the CERTIFICATE -IV in Assessment and Workplace Training BSZ40198 TAFE Challenger Australia.

Other responsibilities :

1. HOD of Comp Engg from 2009 to 2015.
2. Overall In charge of Admission Committee (FE and DSE)
3. NAAC/NBA related work.
4. Laboratory In charge.
5. Coordinator of FDP which was held on 2014 (PhD, Aspirant).
6. Project guide of B.E student in Comp and IT department (2004-Till date).
7. Project guide of M.E. students in Tasgaokar college of Engg. Karjat
8. Training and Placement Coordinator - 2005

9. Proctor .

10. Discipline Committee member.
11. NAAC related work.
12. Unfair Means Inquiry committee member.
13. Syllabus revise committee member.
14. Paper Setter in Mumbai University.
15. External examiner for other university for Oral of ME and BE.

Professional Membership

- Indian Engineering Technology (IET) Member.
- Indian Society for Technical Education (ISTE) Member.
- Computer Society of India (CSI) Member

Extra Curricular activities

- Coordinating a Jivan Vidya workshop and Seminars.
- Participated in Cricket and volleyball in Staff Tournaments organized by Somaiya Trust Mumbai.

Personal Details

- Date of Birth: 25th Feb, 1973

- Permanent Address: C-104, D.K. Tower,
                              Near water tank
                              Sector – 20, Airoli,
                              Navi Mumbai – 400708.