CIRRICULUM VITAE

Name   : Dr. Deepak Naganath Rewadkar

Designation   : Head of Department
Information Technology, Government
Polytechnic, Pune, Dist Pune.
Email:ithod@gppune.ac.in

1. **Education Qualification:**

   - Ph.D. (Computer Science & Engineering) from S.R. T. Marathwada University, Nanded. Topic of research is "Least-Congested Route Estimation Using GPS Equipped Vehicles in Urban Road Networks with Optimal Path".
   - M.E.(Computer Technology) from S.G.G. S. Institute of Engineering & Technology, Nanded under S.R. T. Marathwada University, Nanded in 2000.
   - B.E. (Computer Science & Engineering) from S.G.G. S. Institute of Engineering & Technology, Nanded under Dr. B.A. Marathwada University, Aurangabad in 1993.

2. **Details of Employment :**

   - Working as Head of Department, Information Technology , Government Polytechnic, Pune, Dist Pune since 7th June 2023 onwards.
   - Worked as Head of Department, Information Technology , Government Polytechnic, Awasari (Khurd), Dist Pune since 6th July' 2015 to 6th June 2023
   - Worked as Associate Professor and Head of Department of Computer Engineering RMD Sinhgad School of Engineering Warje , Pune from 02 July'2012 to 04th July 2015.
   - Worked as Associate Professor (Computer Engineering) Sinhgad Institute of Technology & Science, Narhe Pune from 14th September '2010 to 02nd July 2012.
   - Worked as Professor & Head of Department (Computer Science & Engineering) M.S. Bidve Engineering College, Latur from 1st October'2007 to 13th September' 2010.
   - Worked as Assistant Professor/System Analyst & Head of Department (Computer Science & Engineering) M.S. Bidve Engineering College, Latur from 1st November'2001 to 30th September' 2007.

- Worked as Senior Faculty in ESG group of Tech Mahindra formerly named as Mahindra British Telecom and its allied company for period of one year in year 2001.
- Worked as Lecturer, Sr. Lecturer & System Analyst (Computer Science & Engineering) M.S. Bidve Engineering College, Latur from 2nd September'1993 to 28th February 2001.
- Worked with additional charge as Director, for MCA course of Mahatma Basaweshwar Education Society, Latur from February' 2001 to Auguest'2010.
- Approved P.G. Teacher by Savitribai Phule Pune University, Pune since Dt. 17/03/2015.

  Total Teaching Experience: 03 Years (PG Level)

  21 Years (Graduate Level)

  08 Years (Diploma Level)

3. **Administrative Responsibilities:**
- Working as Head of Department of Information Technology, Government Polytechnic, Pune Since 07/06/2023 till date.
- Working as Head of Department of Information Technology, Government Polytechnic Awasari(Kh). Pune Since 06/07/2015 to 06/06/2023.
- Working as Vice President of Gymkhana Government Polytechnic Awasari(Kh). Pune Since 06/07/2016 till date.
- Worked as member for designing and implementation of " I" scheme curriculum of Computer Engineering and Information Technology of Maharashtra State Board of Technical Education,Mumbai.
- Worked as Head of Department of Computer Engineering at RMD Sinhgad School of Engineering Warje , Pune from 02 July'2012 to 04th July 2015.
- Worked as M.E. Coordinator for PG programme Computer Science and Engineering at RMD Sinhgad School of Engineering Warje , Pune from 02 July'2012 to 04th July 2015.
- Worked as Board of Studies member for Computer Science and Engineering in Swami Ramanand Teerth Marathwada University, Nanded.
- Worked as Head of Department of Computer Science and Engineering at M.S. Bidve Engineering College, Latur from 15st February'2001 to 13th September' 2010.
- Worked as Senior Faculty member in Tech Mahindra (Formerly Mahindra British Telecom)Pune in Education Service Group.

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4. **Recognition & Awards:**
   - Recognised PG teacher in Savitribai Phule Pune University, Pune(Computer Engineering).
   - Certified by IBM for Object Oriented Analysis and Design using UML with Essentials of Rational Software Architect(course code:DEV 396).
   - IBM Cetified Database Associate DB2.

   - **M.E. /M. Tech. Dissertation Guidance**: More than 14 Candidates have completed the dissertation in the areas of Wireless Networks, Vehicular Network(VANET),Cloud Computing and Network Security.

   - **B. E. /B. Tech. Project Guidance**: More than 107 Students have completed the Final Year Projects in the areas of Web Technology, Computer Network, Database Management, Network Security, Image Processing.
   - **Diploma Project Guidance:** More than 12 groups of students have completed the Final Year Projects in the areas of Network Security , Database Management ,Web Technology, Computer Network.

5. **Member of Professional Body:**
   Life Member of The Indian Society for Technical Education (ISTE LM30132).

6. **Paper Publication:**

Sr. No.	Title	Author	Publication	Volume,Issue	ISSN
1	Traffic-aware routing protocol in VANET using adaptive autoregressive crow search algorithm	Deepak Rewadkar, Dharmpal Doye	Journal of Networking and Communication Systems	Volume 1 Issue 1 Pages 36-42	ISSN **1229-2370**
2.	Traffic-aware routing protocol in VANET using adaptive autoregressive crow search algorithm	Deepak Rewadkar, Dharmpal Doye	Journal of Networking and Communication Systems	Volume 1 Issue 1 Pages 36-42	ISSN **1229-2370**
3	Multi-objective auto-regressive whale optimisation for traffic-aware routing in urban VANET	Deepak Rewadkar ; Dharmpal Doye	IET Information Security	Volume 12, Issue 4, p. 293 – 304, July 2018	Print ISSN 1751-8709, Online ISSN 1751-8717

4	FGWSO-TAR: Fractional glowworm swarm optimization for traffic aware routing in urban VANET	Deepak Rewadkar ; Dharmpal Doye	International Journal of Communication Systems Wiley Publication.	Volume31, Issue1 10 January 2018	ISSN:1099-1131
5	Adaptive-ARW: Adaptive Autoregressive Whale Optimization Algorithm for Traffic-Aware Routing in Urban VANET	Deepak Rewadkar ; Dharmpal Doye	International Journal of Computer Sciences and Engineering	Volume-6, Issue-3 30 March 2018	E-ISSN: 2347-2693
6	Multihop Privacy Aware Data Aggregation in Mobile Sensing	Asmita Abhyankar, Prof.D.N.Rewadkar	International Journal of Innovative Research in Computer and Communication Engineering	Vol. 3, Issue 7, July 2015	ISSN(Online): 2320-9801 ISSN (Print): 2320-9798
7	Flexible Deterministic Packet Market: An IP Traceback Scheme	Pooja G. Kukreja, D.N.Rewadkar	International Journal of Science and Research (IJSR)	Volume 4 Issue 1, January 2015	ISSN (Online): 2319-7064
8	Continuous User Identity Verification Using Biometric Traits for Secure Internet Services	Harshal A Kute, D.N. Rewadkar	International Journal of Innovative Research in Computer and Communication Engineering	Volume 3 Issue 12, December 2014	ISSN (Online): 2319-7064
9	Survey Paper on Load Rebalancing for Distributed File Systems in Clouds	Juhi Shah, D. N. Rewadkar	International Journal of Science and Research (IJSR)	Volume 3 Issue 11, November 2014	ISSN (Online): 2319-7064
10	A Review of Anti Phishing Framework based on Visual Cryptography	D. N. Rewadkar, Asmita D. Abhyankar	International Journal of Science and Research (IJSR)	Volume 3 Issue 9, September 2014	ISSN (Online): 2319-7064
11	A Defense Security Approach against Hacking Using Trusted Graphs	D. N. Rewadkar, Harshal A. Kute	International Journal of Science and Research (IJSR)	Volume 3 Issue 8, August 2014	ISSN (Online): 2319-7064
12	Review of Signature Generation for Private Information Leakage in Android Applications	Prof. D. N. Rewadkar Pavitra Mangesh Ratnaparkhi	International Journal of Advanced Research in Computer Science and Software Engineering	Volume 4, Issue 8, August 2014	ISSN: 2277 128X
13	Hierarchical CP-ABE Scheme Implementation on Amazon EC2 cloud	D. N. Rewadkar, V. S. Dhumal	International Journal of Science and Research (IJSR)	Volume 3 Issue 7, July 2014	ISSN (Online): 2319-7064

14	Review of Different Methods Used for Large-Scale Urban Road Networks Traffic State Estimation	D.N.Rewadkar, Tuhina Dixit	International Journal of Emerging Technology and Advanced Engineering(IJETAE)	Volume 3, Issue 10, October 2013 Pages 369-373	ISSN:2250-2459
15	LEAST-CONGESTED ROUTE ESTIMATION USING GPS EQUIPPED VEHICLES IN URBAN ROAD NETWORKS	Prof. D. N. Rewadkar Tuhina Dixit	International Journal of Computer Engineering and Technology (IJCET),	Volume 5, Issue 4, April (2014), pp. 86-9	ISSN 0976-6367(Print), ISSN 0976 - 6375(Online),
16	Different Approaches for Peer-to-Peer Based Decentralized Service Discovery	D.N.Rewadkar, Yogini Bhamare	International Journal of Advanced Research in Computer Science and Software Engineering. (IJARCSSE)	Volume 3, Issue 11, November 2013 Page:24-28	ISSN: 2277 128X
17	An efficient Routing Approach for in-network aggregation in wireless sensor networks	D.N.Rewadkar, Priti Mithari	International Journal Of Science and research(IJSR)	Volume 2 Issue 11, November 2013 285-288	ISSN:2319 - 7064
18	A Survey on Vehicle Classification and Detection Methods	D.N.Rewadkar, Nilima Chokhar	International Journal of Advance Research(IJOAR)	Volume 1, Issue 10, October2013, 1-8	ISSN 2320-9194
19	Spontaneous Wireless Ad Hoc Networking: A Review	D.N.Rewadkar, Smita Karve	International Journal of Advanced Research in Computer Science and Software Engineering. (IJARCSSE)	Volume 3, Issue 11, November 2013 Page:378-382	ISSN: 2277 128X
20	Secure Cloud Storage System Incorporating Privacy-Preserving Third Party Audit	Suchita Ghatage D.N.Rewadkar,	International Journal of Advanced Research in Computer Science and Software Engineering. (IJARCSSE)	Volume 3, Issue 11 November 2013 Page:126-129	ISSN: 2277 128X
21	Hierarchical CP- ASBE Scheme in Cloud Computing for fine-Grained Access Control with Scalability and Flexibility	Vishakha Dhumal D.N.Rewadkar,	International Journal of Advanced Research in Computer Science and Software Engineering. (IJARCSSE)	Volume 3, Issue 11 Page:121-125	ISSN: 2277 128X

7. Conference Paper :

Sr.No	Title	Author	Conference	Details
1	An adaptive routing algorithm using dynamic TTL for data aggregation in Wireless Sensor Network	D. N. Rewadkar ; Mithari Priti Madhukar	Second International Conference on Current Trends In Engineering and Technology - ICCTET 2014 Coimbatore	8-8 July 2014 | Conference Paper | Publisher: IEEE
2	Vehicle tracking and positioning in GSM network using optimized SVM model	D. N. Rewadkar ; Chetan Nimba Aher	Second International Conference on Current Trends In Engineering and Technology - ICCTET 2014 Coimbatore	8-8 July 2014 | Conference Paper | Publisher: IEEE
3	Cloud storage system enabling secure privacy preserving third party audit	D. N. Rewadkar ; Suchita Y. Ghatage	2014 International Conference on Control, Instrumentation, Communication and Computational Technologies (ICCICCT)Kanyakumari	10-11 July 2014 | Conference Paper | Publisher: IEEE
4	Energy efficient self configured secure protocol (EESCSP) for wireless spontaneous ad-hoc network	D. N. Rewadkar ; Smita B. Karve	2014 International Conference on Control, Instrumentation, Communication and Computational Technologies (ICCICCT)Kanyakumari	10-11 July 2014 | Conference Paper | Publisher: IEEE

8. List of ISTE/QIP/Short term courses attended:

- "Training Programme on e-Governance for Institutional Development" held from 28/03/2019 to 30/03/2019 at Yashwantrao Chavan Academy of Development Administration Pune(M.S.).
- "MCSR and Workplace Culture" held from 26/02/2019 to 02/03/2019 Approved and Sponsored by DTE Maharashtra and organised by Department of Computer Enginnering, Government Polytechnic Pune.
- "Workshop for in-plant training course Detaining and Other remaining course" held from 10/09/2018 to 12/09/2018 and organised by NITTTR, Regional Centre Pune.
- "Training on Information Security" held from 03/05/2018 to 05/05/2018 at Yashwantrao Chavan Academy of Development Administration Pune(M.S.).
- "Training on Online Serivices of Government" held from 18/12/2017 to 20/12/2017 at Yashwantrao Chavan Academy of Development Administration Pune(M.S.).
- Workshop on "Editing and Validation of Lab Instruction and Question Paper for Semester II" held from 04/09/2017 to 08/09/2017 organised by NITTTR, Regional Centre Pune.
- Workshop on "Design and Development of Lab Instruction and Question Paper for Semester II" held from 03/07/2017 to 07/07/2017 organised by NITTTR, Regional Centre Pune.

- "Orientation Training on e-Governanc Project Life Cycle" held from 17/10/2016 to 19/10/2016 at Yashwantrao Chavan Academy of Development Administration Pune(M.S.).
- "Final Course Detailing Workshop for 1 Group Programmes for 2nd Semester" held from 03/08/2016 to 05/08/2016 organised by NITTTR, Regional Centre Pune.
- "First Course Detailing Workshop fof 1 Group Programme ,2nd Semester" held from 30/08/2016 to 01/09/2016 organised by NITTTR, Regional Centre Pune.
- "STP: Foundation Training programme for Class-I Officers of Higher & Technical Education Department" held from 01/06/2016 to 12/07/2016 at Yashwantrao Chavan Academy of Development Administration Pune(M.S.).
- "Programme Structure Finalization : Second Workshop for 1st & 2nd Group" held from 30/05/2016 to 31/05/2016 and organised by NITTTR, Regional Centre Pune.
- "MSBTE CRP Draft-I Programme Structuring Workshop"" held from 28/03/2016 to 30/03/2016 and organised by NITTTR, Regional Centre Pune.
- "Institutional Preparation for Accreditation & Academic Audit" held from 01/02/2016 to 05/02/2016 and organised by NITTTR, Regional Centre Pune.
- Workshop on "Management of Change and Innovation" held from 18/01/2016 to 22/01/2016 and organised by NITTTR, Regional Centre Pune.

- "People Management and Team Building" held from 21/09/2016 to 25/09/2016 and organised by NITTTR, Regional Centre Pune.
- "Leadership Development" held from 07/09/2016 to 11/09/2016 and organised by NITTTR, Regional Centre Pune.
- Two week refresher course on "Advance Database Systems" sponsored by MHRD, Govt. of India and organised by the Department of Computer Science and Engineering, National Institute of Technology,Warangal during 15-27 June,2009.
- Four weeks short term course on Java and Internet Programming organised by Department of Computer Science and Engineering, Indian Institute of Technology, Kanpur during 15th May-10th June,2000.

9. **List of ISTE/QIP/Short term courses Co-ordinated:**
   - One Week Faculty development Program on"Cloud Computing" organised for Computer Engineering faculty members of Savitribai Phule Pune University, Pune from 16/11/2011 to 20/11/2011at Sinhgad Institute of Technology & Science, Pune.
   - One Week Faculty development Program on"Oracle & Advance .net" organised for Computer Engineering faculty members of Savitribai Phule Pune University, Pune from 15/01/2011 to 19/01/2011at Sinhgad Institute of Technology & Science, Pune.

10. Subjects Taught at Diploma, Undergraduate and Post Graduate level:

- Computer Networks
- Network Security
- System Programming
- Operating System
- Data structures
- Unix Operating system
- Computer Organisation
- Advance Computer Networks
- Management
- Enterprise resource planning (ERP)
- Java Programming
- C++ Programming
- C Programming
- Object Oriented Analysis and Design