Curriculum Vitae

Name: Daivashala R. Deshmukh

Address: B-4/1, Kasliwal Tarangan,

MITMITA Aurangabad

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Academic Credentials

Class/ Degree	Specialization	Institution	University	Year	%/CGPA	Class
M. Tech.	Computer Science & Engineering	SMEC, Hyderabad	Jawaharlal Nehru Technological University, Hyderabad	2014	76	Distinction
B.E.	Computer Science & Engineering	C.O.E Osmanabad	Dr. B. A. M. Aurangabad	2003	64.24	First Division

M. Tech. Project:

Packet Loss Control using tokens at the Network Edge

Key Research Areas:
- Big Data Analytics
- Cloud Computing
- Deep Learning
- Data Base

Experience

Sr. No.	Organization	Post	From To	No. of Years
1	MIT Cidco Aurangabad	Lecturer	26/011/2009 to 30/04/2014	5
2.	MIT B.Tech Aurangabad	Assistant Professor	17/05/2014 to till date	6

List of Courses Taught/Teaching at UG level

- Data Communication and Network
- Data Structure
- Advanced Java
- Computer Network
- Operating System
- Software Engineering
- Artificial Neural Network and Fuzzy Logic
- Soft Computing
- Big Data Analytics
- Python Programming

List of Courses Taught/Teaching at PG level

- Cloud Computing
- Advanced Image Processing

    Advanced Database Management System

Additional Assignments/Duties

- MIT BIG DATA Academy Resource Person and Coordinator
- Lab In charge (Advanced Computing Lab-502-C)
- Member Coordinator of PG Admission Committee in A.Y. 2020-21 and 2021-22
- Student Feedback Coordinator
- Member Coordinator of MIT Outreach Program 2020-21
- Teacher Guardian System Coordinator
- Paper Setter for B.Tech CSE of Big Data Analytics Subject Under Dr. B. A. M. U Examination Academic Year 2019-20
    Departmental Store Incharge
- Paper Setter for B.Tech CSE of Soft Computing Subject Under Dr. B. A. M. U Examination Academic Year 2018-19
- Worked as an "Under Study" for Dr. B. A. M. U Examination 2016-17 Part I

- Paper Setter for SY Electrical Engg. Of Data Structure Subject Under Dr. B. A. M. U Examination
- Paper Setter for SY ETC Of Data Structure Subject Under Dr. B. A. M. U Examination
- Class Teacher for SYCSE-2015-16, TY CSE-2016-17, B.TechCSE2017-18
- Class Teacher for TY CSE-2017-18, B.TechCSE2018-19
- Techno- MIT Faculty Coordinator 2017-18
- Seminar Coordinator
- Member of DSY Admission committee
- Member of Discipline Committee in Kalavihangam

Membership of Professional Bodies

Member of Computer Society of India

Research Projects/Projects Guided

M.Tech.CST Projects

- An Efficient and Fine-grained Data Access Control Scheme with Privacy-preserving Policy on Cloud. (Domain-Big Data)
- Vibe:- A Universal Background subtraction Algorithm for data extraction (Domain-Image Processing)
- Improved Intrusion Detection system using cascading of c4.5 Decision Tree and Support vector machine (Domain-Network Security)
- Identifying Features in Opinion Mining via Intrinsic and Extrinsic Domain Relevance using Natural Language Processing (Domain-NLP)

Computer/Software Proficiency

- Programming Languages: C, C++, Java, Python, SQL
- Databases:- Mysql,MongoDB,MariaDB,HBASE
- Technologies:- Linux,Apache Hadoop,Sqoop,Hive,Pig,Impala

Seminar/Workshop/Industrial Training/STTP//FDP/CEP/Conference Attended

Industrial Training Program

STTP Attended

1. Six days National Online STTP on "MULTI TECHNOLOGY"

organized by Department of Computer Science & Engineering, Anantha Lakshmi Institute of Technology & Sciences, Anantapur, in Collaboration with Brain O Vision Solutions India Pvt. Ltd. & National Youth Council of India held during 28/06/2021 to 03/07/2021.

2. Machine Learning Using Python one week Online STTP organized by S. B. Jain Dept of ETC, Nagpur on dated 22/02/2021 to 26/02/2021

3. Use of modern tools and computing skills for engineers and researchers one week STTP organized by Priyardashini College of Engineering, Nagpur on 22/02/21 to 27/02/2021.

4. One Week State level online AICTE Sponsored Short Term Training Program (STTP) on "Data Science: Unfolding Layers of Knowledge" Phase III organized by AITR Indore, under AICTE Quality Improvement Schemes (AQIS) on 07/12/2020 to 14/12/2020

5. One Week online AICTE Sponsored State Level Short Term Training Program (STTP) on "Data Science: Unfolding Layers of Knowledge" Phase IV organized by AITR Indore, under AICTE Quality Improvement Schemes (AQIS) on 14/12/2020 to 19/12/2020

6. One Week STTP on "Use of Modern Tools and Computing Skills for Engineers and Researchers" organized by   Department of Mechanical Engineering, Priyadarshini College of Engineering, Nagpur (All India Council for Technical Education (AICTE) AQIS Sponsored) 21/12/2020 to 26/12/2020.

FDP/Webinar Attended

1. Webinar on Recent Advancement in Information & Communication Technology" by CSI Aurangabad Chapter on 29/12/2020.

2. Two Days National Webinar on "Quality Enhancement in Higher Education Institutions" organized by IQAC MBITS, Kerla(NAAC Sponsored) on 10/12/2020 to 11/12/2020.

3. One Day National level Webinar on "Design Thinking, Critical Thinking and Innovation Design" Department of Mechanical Engineering in association with Institution's Innovation Council, organized by Maharashtra Institute of Technology, Aurangabad on 06/01/2021

4. One Day International Webinar on Pathway To Preparation For Studying Abroad organized by McGraw Hill and ETS TOFEL Chennai on 22/01/2021

5. One week FDP on Innovative Teaching Pedagogy in the Technical Institutions Karmaveer Adv Baburao Ganpatrao Thakare COE Nashik on 01/06/2020 to 05/06/2020.

6. One week FDP on Advanced Research Methodology and InnovativeTeaching Pedogogy organized by Tulsiramji Gaikwad-Patil COE, Nagpur on 08/06/2020 to 13/06/2020.

7. One Week FDP on E-Learning Tools, Methodologies and Content Management organized by College of Engineering and Technology, Akola on 08/06/2020 to 13/06/2020.

8. FEP One week on Python Programming Through Infytq Platformorhanized by Infosys Limited on 22/06/2020 to 26/06/2020.

9. One Week Effective Proposal Writing for Research and funding on 13- 18 May 2020.(One Week) at Dept. Of ETC, Sandip Institute of Technology, &Research Centre Nashik

10. One Week FDP Big Data Tools on 18-23 May 2020.(One Week) at Dept. Of CSE, St. Martins Engineering College Dhulapally, Secundarabad.

11. One Week FDP Artificial Intelligence on 22 – 26 May 2020(One Week) at Dept. Of IT Universal College of Engineering, Mumbai.

12. Attended One Week FDP on " Data Science" on 24 th June 2019 to 29 th June 2019 at Dept. of ETC ,Maharashtra Institute of technology, Aurangabad

13. Attended One Week Refresher Course on Use of ICT for Effective Teaching Learning on 8th January, - 12 January 2019 at Maharashtra Institute of technology, Aurangabad
14. Attended STTP on Deep Learning on 02/07/2018 to 7/7/2018 at MIT B. Tech Aurangabad
15. Attended Workshop on MongoDB on 08/09/2018 to 10/9/2018 at Dept. of CSE ,Maharashtra Institute of technology, Aurangabad
16. Attended FEP on Big data Analytics on 18 Dec – 22 Dec 2017at Infosys Pune
17. Attended FEP on Internet Of Things on 11th -13th July 2017 at Ramdeobaba College of Engineering Kolapur
18. Attended five days training on "HDP Administration I" on 8 May- 12 May 2017 at
19. Marathwada Institute of technology, Aurangabad
20. Attended STTP on 'Software Development for Engineering Application and Research' on 24 April-04 May 2017 at College of Engg. & Technology Akola.
21. Two days workshop on Cyber Warriors on 9th and 10th October 2016 at MIT B.Tech Aurangabad.
22. Attended FDP on "Cyber Security" on at 28 Jan, 4 Feb, 11 Feb 2017 at MIT B.Tech Aurangabad.
23. Attended FEP on Big Data on 4 August to 5 August 2016 at Infosys Pune.
24. Attended STTP on Big Data Analytics on 4 July to 9 July 2016 at Marathwada Institute of technology , Aurangabad
25. Attended FDP on "Empowering faculty in English communication skill and Soft skill" on 11 Jan to 16 Jan 2016 at Maharashtra Institute of technology, Aurangabad
26. Attended STTP on Open source technologies for engg. Applications and research on 7 Dec. to 15 Dec 2015 at College of Engg. & Technology Akola
27. Attended Faculty Development workshop on 10 Feb to 12 Feb 2015 at Maharashtra Institute of technology, Aurangabad

28. Attended National Workshop on "Cyber Security & Cyber Crimes" on 14th-15 Feb 2015 at MIT Cidco Aurangabad.

29. Attended five days Foundation Program 4.0 on 5th - 9th Jan, 2015 at SSDG Trust's Sanjay Ghodawat Group of Institutions, Atigre, Near

30. Attended Two Week ISTE STTP on Computer Network on 30 –5 July 2014 at Marathwada Institute of technology, Aurangabad
31. Attended Two Week ISTE STTP on Design of Algorithm on 25-30th May, 2015 at Marathwada Institute of technology, Aurangabad

32. *Attended one day workshop on Hadoop on 26 April 2014 at D Y. PATIL TECHNICAL CAMPUS SOET Computer Engineering Department*

33. Attended FDP On "Academic Excellence" on 29 Dec – 31 Dec 2012 at MIT Polytechnic Rotegaon

34. Attended Natural Language Processing and Image Processing(NLPIP) on 16 Jan 2012 at Dept. of computer science North Maharashtra University Jalgaon.

35. Attended Automatic Speech Recognition (WoASR) on 12 Jan 2011at Department of Computer Science and I.T Dr. B.A.M.U Aurangabad.

Seminar/Workshop/Industrial Training/STTP//FDP/CEP/Conference organized

- One Day International Symposium on "Recent Advancement in Information & Communication Technology" organized by CSI Aurangabad Chapter on 29 /12/2020.
- Online Webinar on "Opportunities with Japanese Language" on 13 July, 2020.
- Two Day International Web Conference on Impact of COVID-19 on Library Resource Sharing on 12th & 13th June, 2020
- Presentation Competition on Impact of Covid-19 on educational system for Third Year CSE student on 14/09/20
- Workshop on "Cyber security and Ethical hacking" by Diginex Tech Pvt. Ltd on 17, 18 Sept 2016 at MIT(T) CSE Aurangabad.

Invited talks delivered

- MIT-Polytechnic Expert lecture on Big Data
- Two Days State level workshop by Machine Learning and Big Data invited as Guest Speaker at Dr. Vithalrao Vikhe Patil college of engineering Dept of IT (2017-18)
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CopyRights

- CopyRight- Apache Pig example with sample dataset by Govt. of India copyright office.
- Copyright – Techniques of Data Insertion by Govt. of India copyright office.

List of Research Publications

Papers in International Journal

1. A Study: COVID 19 Pandemic and Role of Big Data", International Journal of Emerging Technologies and Innovative Research (www.jetir.org | UGC and issn Approved), ISSN:2349-5162, Vol.7, Issue 8, page no. pp106-108, August-2020, Published Paper ID: JETIREF06016, Registration ID: 236068, Page No: 106-108, ISSN Number: 2349-5162.
2. Research paper on Data Ingestion from Traditional Database RDBMS to HDFS using SQOOP in (IJARSCT), Volume 5, Issue 5, and May 2020.
3. Survey Paper on Techniques of Email Fraud Detection System ." International Journal for Scientific Research and Development 8.1 (2020): 1194-1196 (IJSRD), Volume 8, issue 1, March 2020, ISSN (online): 2321-0613 with impact factor.4. January 2019,

4. Ms. Sushma Hiwrale , Ms. Deshmukh D. R., 2018, "An Efficient and Fine-grained Data Access Control Scheme with Privacy-preserving Policy on Cloud", JETIR, Volume 6, Issue 1.

5.Ms. Sushma Hiwrale , Ms. Deshmukh D. R., Dec 2018, "An Efficient and Fine-grained Big Data Access Control Scheme with Privacy-preserving Policy", IJSRD Vol 6, Issue 10

6.Shalini Khokad, Gauri Bhaerao, Ms. Daivashala Deshmukh, August 2017,A study based on Cloudera s distribution of Hadoop technologies for big data", IJAERD) e-ISSN : 2348 - 4470, p-ISSN : 2348-6406, UGC Approved Volume 04 Issue 08.

7.Ms. Daivashala Daivashala, Shubham Jadhav, Pranav Joshi, Dnyaneshwari Pawar, 19 August 2018, "Big Data Analytics using Hadoop Technologies: A study based on CDH for Big Data", IJIRCCE,Vol 6, Issue 8, .

8.Prasad Mitkari, Rutuja Banswal, Akshata Mitkari, Ms. Daivashala Deshmukh, July 2017, "A Comparative Analysis of Apache hive based on MapReduce and Impala based on distributed query engine" IJIRCCE,Vol. 5, Issue 7.

9. Ms. Mandakini Ganeshwade, Ms. Daivashala Deshmukh, March 2017,"Segmentation for video sequences", International Journal of Innovation and Scientific Research ISSN 2351-8014 Vol. 30 No. pp. 377-384 © 2017

9.Arti Dike, Daivashala Deshmukh, July 2017, "Vibe: A Universal Background subtraction Algorithm for data extraction" IJEARD Vol 04, Issue 07.

10. Daivashala Deshmukh, 04 April 2017, "Survey paper on 'Technique to estimate background in video sequences", IJEARD Volume 04 Issue 04.

11. Ms. Daivashala Deshmukh, Mr. Prashant Khosre, January 2017,"Open Source: The Fabric of the Future" ARD-IJEET, ISSN- 2320-8821, Volume 5, Issue 1

12. Ms. Daivashala Deshmukh, Mr. Prashant Khosre, January 2017,"Big Data: An Introduction", ARD-IJEET, ISSN- 2320-8821, Volume 5, Issue 1

13.Ms. Snehal Somawanshi, Ms. Deshmukh D. R., August 2016, "Improved Intrusion Detection system using cascading of c4.5 Decision Tree and Support vector machine" IJETAE(ISSN2250-2459,Volume 6, Issue 8.

14.Ms. Vaishali Dange, Ms. Deshmukh D. R., 2015, Identifying Features in Opinion Mining via Intrinsic and Extrinsic Domain Relevance using Natural Language Processing, IJETAE (ISSN 2250-2459, ISO 9001:2008 Certified Journal, Volume 5, Issue 9)

16. Daivashala Deshmukh, March 2015, "Cloud Computing: Computing as a Service", (JGRCST) Vol.-III, Issue-IV, ISSN: 2349 – 5170

17.Ms. Daivashala Deshmukh, Ms. Manjusha Chaudhary,2014, "E-Security Authentication using Advanced Cryptomathic Techniques" (JGRCST) Vol.-II, Issue-III, ISSN: 2349 - 5170

18. Daivashala Deshmukh, Dec 2013,"Packet loss control using Tokens at the Network Edge", IJIT Vol 01, Issue 07, ISSN 2321-8665

Papers in International Conference Proceedings

1. Ms. Daivashala Deshmukh, Ms. Mandakini Ganeshwade, Mr. Sudhir Singh "Data Insertion methods in hive and visualization through Tableau" in International Conference on Innovations and Trends in Computing ICITC 2021 dated on 26 – 27 February 2021.

2. Daivashala Deshmukh, Mr. Prashant Khosre "A Study: Covid 19 Pandemic and role of Big Data" two days online international conference on(IICCTCMS 2020) on July 10 and 11, 2020 organized by P.G. Department of Computer Science, SNDT Women's University, Mumbai In association with Aakar Bahuudeshiya Gramin Vikas Sanstha's Aakar College of Management for Women, Nagpur.

3. Ms. Daivashala Deshmukh, Apoorva Kunde, Surashri Videkar "Hive and Impala Performance based comparison" Online International Conference ICRCSIT-20 on 17 and 18 June 2020 organized by SMEC Hyderabad.

4. Ms. Daivashala Deshmukh, Ms. Manjusha Choudhary Next Generation Packet Scheduling using Multiterabit Network", IJAMTES, Deogiri Engineering College Aurangabad on March 2012, Vol-1, Issue-6, ISSN-2249-7455

Papers in National Conference Proceedings

Feb 2011, Information and Communication Technology for Women Empowerment", "Managelization 2012" Department of Management Science, Dr. B.A.M.University Sub-Campus Osmanabad, vol-02, ISBN-9788192097275

Certifications

1. Non-credit Specialization

[A] online, non-credit Specialization "**Modern Data Analysis with SQL**" by Foundation of
- Big Data Analysis with SQL on /29/04/2020
- Analyzing Big Data with SQL 06/05/2020
- Managing Big Data in Clusters and Cloud Storage on 10/05/2020
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[B] online non-credit Specialization **Advanced Data Science with IBM**" offered by IBM
- Fundamental of Scalable Data Science on 26/05/2020
- Advanced Machine Learning and Signal Processing on 29/05/2020
- Applied AI with Deep Learning on 28/05/2020
- IBM Project- Advanced Data Science Capstone Project on 02/06/2020

2. Introduction to Big Data
an online non-credit course authorized by University of California San Diego and
offered through Coursera on 05/16/2020

3. SQL for Data Science
an online non-credit course authorized by University of California, Davis and offered through Coursera on 20/05/2020

4. SQL for Data Science (DB0201EN)
 An online course of study offered by IBM offered through Coursera VERIFIED
CERTIFICATE by Edx, Issued June 13, 2020

5. Udemy Certifications

1. "Hive to ADVANCE hive (Real time usuage): Querying tool**" online** Course on April 17, 2019.
2. "CCA159-Data Analytics using Sqoop, Hive and Impala" online Course on July 23, 2019.
3. Completed online course on " Big Data 101" by IBM Cognitive Class on August 04, 2019.
4. Completed Course on "Google Analytics for Beginners" by Google Analytics Academy September 16, 2019.
5. "Cloudera Hadoop Administration" online course on September 19, 2019.
6. "Hortonworks Data Platform (HDP) Administration" online course on September 24, 2019.

6. **International Certifications in Red Hat**
   - Red Hat Certified System Administrator (**RHCSA) RHEL7.0**
     - o Valid Certificate Number:120-142-880
     - o Date: September 25,2012
   - Red Hat Certified Engineer (**RHCE**)
     - o Valid Certificate Number:120-142-880
     - o Date: September 25,2012
   - Red Hat Certified System Administrator **(RHCSA) RHEL 6**
     - o Valid Certificate Number:120-142-880
     - o Date: September 25,2012
7. Juniper Networks Technical Certifications
   - **A.** Juniper Networks Certified Internet Associate(Enterprise Switching Track)
   - **B.** Juniper Networks Certified Internet Associate(Enterprise Routing Track)
   - **C.** Juniper Networks Certified Internet Specialist(Enterprise Routing Track)
8. NPTEL Certification
   - **1.** Teaching and Learning in Engineering- II (29 July to 8 September)(8 Week)

Awards, Achievements and Recognition

1. Awarded Certificate of Appreciation as a trainer (training and excellent execution) of 'Cloudera Big Data' Course in Maharashtra Institute of Technology Aurangabad.

2. Awarded as a certificate of excellence in recognition as a teaching assistant for two week ISTE workshop on Computer Network conducted by IIT Bombay at Marathwada

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