

Curriculum Vitae

Mahendra Narayan Suryavanshi

Assistant Professor,
Indira College of Commerce and Science, Pune-33.

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Academic Qualifications:

- 1) M.Sc. (Computer Science) with First Class, June-2010, Modern College of Arts, Science and Commerce, Shivajinagar, Pune-411005.
- 2) B.Sc. (Computer Science) First Class with Distinction, June-2008, S.S.V.P.S. College of Arts, Science and Commerce, Dhule-422004.
- 3) H.S.C. with First Class, June-2005, Maharashtra Board.
- 4) S.S.C. First Class with Distinction, June-2003, Maharashtra Board.

Added Qualifications:

UGC-NET(Computer Science and Applications), March-2013.

Pursuing Ph.D.:

University: Savitribai Phule Pune University.

Research area: Cloud Data Centers.

Teaching Experience: 7.5 years

- 1) Lecturer at Department of Computer Science, Rajmata Jijau Shikshan Prasarak Mandal's Arts, Commerce and Science college, Landewadi, Bhosari, Pune-411039, from June 2010 - May 2013.
- 2) Assistant professor at Department of Computer Science, SCES's Indira college of Commerce and Science, Pune-33, from June-2013 - Till date.

Subjects Taught:

- 1) **M.Sc. (Computer Science):** Principles of Programming Languages, Advanced Operating Systems, Programming with DOTNET, Network Programming.
- 2) **MCA (Science):** C Programming Language, C++ Programming Language, Introduction to System Programming and Operating System Concepts, Software Testing and Quality Assurance.
- 3) **B.Sc.(Computer Science):** Data Structures Using C, System Programming, Operating Systems, Theoretical Computer Science, Compiler Construction, Object oriented concepts using C++.

Research Papers Published:

- 1) **“Study of Software-as-a-service and its issues & challenges in Cloud Environment”** in National Conference (RTCSACM-3) organized at Indira College of Commerce & Science, Pune, 21st Feb 2015, pp- 101-110, ISBN No.-978-93-5202-449-01
- 2) **“Analytical study of Cloud Data Center Network Architectures and their Comparisons”** in National Conference (RTCSACM-4) organized at Indira College of Commerce & Science, Pune, 16th and 17th January 2016, pp- 57-64, ISBN No.-**978-93-81765-55-5**.
- 3) **“Performance Evaluation of Fat-tree Data Center Network Architecture”** in Bionano Frontier (UGC approved journal), Vol. 9 Issue-3, December 2016, ISSN No.: **0974-0678**.
- 4) **“Comparative Analysis of Switch-Based Data Center Network Architectures”** in Journal of Multidisciplinary Engineering Science and Technology Vol. 4 Issue 9, September-2017; ISSN: 2458-9403.
- 5) **“Study of TCP Incast Problem in Data Center Networks”** in Bionano Frontier (UGC approved journal) Vol. 10 Issue-2, July-December 2017, ISSN: 0974-0678.

Awards and Achievements:

Awarded best research paper titled **Performance Evaluation of Fat-tree Data Center Network Architecture** presented in National Conference (RTCSACM-5) organized at Indira College of Commerce and Science, Pune on 22nd and 23rd December 2016.

Additional Responsibilities:

- 1) Actively participated in organizing committee to organize National Conferences RTCSACM-3(Feb 2015), RTCSACM-4(Jan 2016) and RTCSA-6 (Dec 2017) at Indira college of Commerce and Science, Pune-33.
- 2) Worked as a committee member for organizing NET/SET examination preparation workshop from 19th – 28th May 2014.
- 3) Software project guide of M.Sc(Computer Science) and MCA(Science) students.
- 4) Worked as senior supervisor (internal) for M.Sc(Comp. Sci.)/ MCA(Sci)/M.Com university theory examination May-2016.

Personal Details:

Date of Birth : 18th October 1987

Languages Known : English, Marathi and Hindi.

Marital Status : Unmarried

Permanent Address : At Post - Mahatma Phule Chowk , Ner , Tal and Dist- Dhule,
Pin Code : 424303.

Mahendra N. Suryavanshi