

SUHASINI K SHUKLA

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**Professional Experience**

V.P.M's Polytechnic, Thane

: July 1990 Onwards

Subjects Taught

- Python Programming
- Computer Security
- Operating Systems
- Java Programming
- Advanced Java Programming
- Digital Techniques
- Programming in C
- Basic Electronics
- Communication Techniques
- Principles of Communication
- Computer Architecture and Maintenance
- Computer Organisation
- Physics

Technical Skills

- Operating Systems: Windows 7, Vista, Server 2000/2003, DOS, Unix, Ubuntu
- Programming Languages: C, C++, Java, Python, Visual Basic

Additional Responsibilities

- Working as Head of Department
- Handled responsibilities like RAC In charge, Exam In charge, DC Incharge, First Year In charge
- Member Vigilance Committee: RAC, DC, EC
- Moderator/Subject Expert for various subjects in the preparation of Model Answers for MSBTE Examinations
- Handled responsibility as coordinator of MSBTE Model Answer project
- Worked as the Paper Setter/Moderator for MSBTE.
- Member of Curriculum development of Computer Hardware and Networking for MU
- Designed Teacher's Guide for subjects: Computer Hardware and Maintenance, Java Programming, Advanced Java Programming
- Coordinator for NAD (National Academic Depository) activity for the institute.
- Incharge: SC/ST (Prevention of Atrocities committee) for the Institute.
- In charge: MOOCs through SWAYAM for the Institute.

Conferences Organized

- **National Virtual Conference on "Industry 4.0" on 28th and 29th October 2020**
- **National Conference on "Emerging Trends in Artificial Intelligence and Big Data- A journey into Future" on 21st Sept 2019**
- **National Conference on "Biometrics, RFID and Emerging Technologies for Automatic Identification" on 10th Jan 2009**

Conferences Attended

- National Conference on **Sensors in Automation** on 19.11.2021 and 20.11.2021
- National Virtual Conference on **Industry 4.0** on 28th and 29th October 2020
- National Conference on “**Artificial Intelligence and Big data-A Journey into Future**” on 21st **September 2019**
- International Conference on “**Global Economic Scenario-Impact on India**” on 1st Feb 2019
- National Conference on “**IoT- Reconnecting the world**” on 15th December 2018
- National Conference on “**Advancements in Renewable Technologies**” on 22nd December 2017
- National Conference on “**Next Generation Electronics**” on 16th and 17th Jan 2015
- International Conference on “**Bhaskara 900**” on 18th 19th 20th and 21st September 2014
- International Conference on “**Money, Finance and Economic Growth: Emerging Issues**” on 10th and 11th Jan 2014
- National Conference on “**Process Safety Management**” on 4th Jan 2014
- Conference on “**Rising above and Beyond Excellence**” on 4th 5th and 19th October 2013
- Special Lecture on “**Cyber Crimes and information Technology Act-2000**” on 4th July 20013
- National Conference on “**Emerging Trends in Solar Technology**” on 5th Jan 2013
- National Conference on “**Cloud Technology**” on 11th and 12th Nov 2011
- National Conference on “**Progress and Prosper through Entrepreneurs and Intrapreneurs**” on 15th **October 2011**
- National level Conference on “**Future Power Systems for Green and Clean World**”, Thane on **20th August 2011.**
- National level Conference on “**Broader Perspective of language, thinking and technology**”, on **3rd July 2010.**
- National Conference on “**Safety Practices for Peace Productivity and Profits**” on 10th Oct **2009**
- National Conference on “**Advancements in Medical Instrumentation**” on 19th Sept 2009
- National Conference on “**Latest Trends in Nanotechnology**” on 5th Jan 2008
- Seminar on “**Emerging Trends in Image Processing and Compression**” on 2nd Feb 2008
- National Conference on “**Geo-Informatics**” on 8th and 9th Dec 2006
- National Conference on “**Einstein’s Theories and Present Scenario**” on 17th 18th and 19th **November 2005**
- National Conference on “**Alternative Energy Sources**” on 27th and 28th August 2005

Training Organized

- Python Advanced Framework Flask
- SAP 01
- Android Programming
- Aurdino Programming
- .NET Programming

Technical Papers

- Use of Biometrics for Security in Cloud Computing
- Use of Biometrics for Cyber Security in Cloud Computing
- Use of Blockchain for IOT Security

Trainings/ Workshops Attended

- Attended workshop on “**Business Skills needed to Thrive in 21st Century**” on 28th August 2023
- Faculty Development Program on “**Amazon Web Services**” organized by Swami Vivekananda Institute of Technology in Collaboration with Brainovision Solutions India Pvt. Ltd and AICTE on 22nd August 2022 to 27th August 2022
- Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "**Cryptography and Cyber Security**" from 2021-07-26 to 2021-07-30 at National Institute of Technology Agartala.
- Participated and Successfully completed online FDP on “**Inculcating universal Human Values in Technical Education**” from 19th July 2021 to 23rd July 2021
- Completed FDP on “**Automation/ Application of Python Programming**” conducted by Saboo Siddik Polytechnic and AICTE during 27th April 2021 to 3rd May 2021
- Completed FDP on “**Advanced Python Programming**” conducted by Saboo Siddik Polytechnic and AICTE during 6th April 2021 to 12th April 2021
- Completed successfully “**Mentor Training**” conducted by NITTT and AICTE during 15th March 2021 to 19th March 2021
- Completed Skill Development Training Program with Proficiency on “**Artificial Intelligence and Machine Learning using Python**” conducted by ISTE and BNY Mellon. (23/12/2020 to 24/02/2021)
- Attended FDPs on “**Python Programming**” sponsored by AICTE, during 14th December 2020 to 19th December 2020 conducted by M. H. Saboo Siddik Polytechnic.
- Participated & completed successfully Online FDP conducted by AICTE Training and Learning (ATAL) Academy on "**Artificial Intelligence**" from 2020-12-14 to 2020-12-18 at CANARA ENGINEERING COLLEGE.
- Completed training in “**Total Improvement training Program For Faculty of Polytechnic and Pharmacy**” conducted by Saitej Life Training Institute, Nasik on 1st February 2020.
- Completed workshop on “**Inspiring Engineers Through Innovation, Creative Models and Machines**” from 12th Mar to 16th Mar 2019
- Completed training in “**Mind Spark & overall development of Institution & Quality development of Institution and Quality Development**” conducted by Saitej Life Training Institute, Nasik on 25th February 2019.
- Completed Training in “**DCS Switching**” from 28th June to 30th June 2017
- First Course Detailing Workshop for 2nd Group 3rd semester Programmes from 15th to 17th November 2016
- Completed Training in “**Next Generation Transport Network**” from 8th Mar 2016 to 10th Mar 2016
- Training on “**Embedded Systems**” from 4th January to 18th January 2014
- Workshop on “**COLLEGE WOMAN DEVELOPMENT CELL**” on 4th Sept 2013
- Workshop on “**Digital techniques**” on 28th Jun 2013
- Training in “**Java Programming**” from 8th Aug 2011 to 12th Aug 2011

- Training in **“Understanding and Building .NET based Applications”** from 28th Dec 2009 to 1st Jan 2010
- S.T.T.P. on **“Software Simulation”** from 12th Jan 2009 to 16th Jan 2009
- Training on **“Embedded System: Introduction and its Applications”** from 25th Feb 2008 to 19th Feb 2008
- Training in **“Linux Training Program”** on 15th and 16th Sept 2006
- Training in **“Industrial Safety”** on 20th and 24th Dec 2003

Appreciation Certificates

- Received Certificate of Appreciation for 100% result in Computer Security in A.Y. 2018-2019
- Received Certificate of Appreciation for 100% result in Java Programming in A.Y. 2014-2015
- Received Certificate of Appreciation for 100% result in Advanced Java Programming in A.Y. 2014-2015
- Received Certificate of Appreciation for 100% result in Advanced Java Programming in A.Y. 2012-2013
- Received Certificate of Appreciation for 100% result in Computer Architecture and Maintenance in A.Y. 2010-2011
- Received Certificate of Appreciation for 100% result in Advanced Java Programming in A.Y. 2008-2009
- Received Certificate of Appreciation for 100% result in Principles of Computer Architecture and Maintenance in A.Y. 2008-2009
- Received Certificate of Appreciation for 100% result in Principles of Computer Organization in A.Y. 2007-2008

Faculty Development Programs

- NPTEL –AICTE FDP on Python for Data Science in Aug-Sept 2019
- Institutional Management “educational and enabling Processes” from 18th June to 30th June 2001
- Total Quality Management in Technical education from 6th December to 18th December 1999
- Industry Institute Interaction from 22nd June to 4th July 1998
- Computers- MS Office from 24th November to 6th December 1997
- Programming in C from 30th June to 12th July 1997
- Teaching Methodology from 16th June to 28th June 1997