

CURRICULUM VITAE



Personal Information:

Name : **Dr. Mrs. Supriya Shrikant Shukla**
Designation : Head, Department of Computer Science
Present working place : Bharati Vidyapeeth
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Date of Birth : 18/05/1974.
Date of Appointment as a Lecturer : 01/08/1998.
Teaching Experience : U. G.: 21 years P. G.: 13 years

Area of interest : Digital Electronics, Microprocessors, Embedded
Computing and Digital Image Processing

Educational Qualification:

Exam	Subject	Year	Board/ University
Ph.D.	Synthesis of TiO ₂ thin films for Solar Cell applications using Chemical Bath Deposition method	January, 2018	Bharati Vidyapeeth (Deemed to be University), Pune
M.Sc.	Physics	March, 1997	Amravati University, Amravati
B.Sc.	Physics, Electronics and Mathematics	March, 1995	Amravati University, Amravati

Books Authored:

- i) *Digital Image Processing*; **Publisher:** Vision Publication **ISBN No.** 978-93-5016-120-3
- ii) *Internet of Things*; **Publisher:** Nirali Prakashan **ISBN No.** 978-93-88897-42-6 (chapters)

Research Publications:

- Morphological investigations of TiO₂ for application as sensitized photoelectrochemical cell”, Research Chronicler, ISSN: 2347-5021, Volume-V, Issue-VII, November 2017, 62-65.
- “Characterization of CdS doped thin films grown on TiO₂ by Chemical Bath Deposition method”, International Journal of Innovative Knowledge Concept, ISSN: 2454-2415, Volume-V, Issue-11, November 2017, 110-115.
- “Annealing effect on TiO₂ photoanodes prepared by Chemical bath Deposition Method”, International Journal of Multifaceted and Multilingual Studies, ISSN: 2350-0476(online), 2394-207X (Print), Volume-V, Issue-II, February, 2018.
- “Characterization techniques for TiO₂ thin films used for photovoltaic applications”, Asian Journal of Multidisciplinary Studies, ISSN: 2321-8819, Volume-4, Issue-4, March 2016, 226-229.
- Received Second prize for the “Poster Presentation” on **Concentration Dependent Structural and Photocatalytic Properties of MoO₃ Thin Films** at the National Conference on Chemistry of Chalcogenides organized by DIAT, Pune during 24th-25th March 2021.
- Received Second prize for the “Poster Presentation” on **Concentration and temperature dependent structural, optical and photocatalytic Properties of MoO₃ Thin Films by Ultra spray pyrolysis** at the Sixth International Conference on Advances in Materials Science organized by Raje Ramrao Mahavidyalaya, Jath during 23rd-24th April 2021.
- Presented a poster on **Concentration and temperature dependent structural, optical and photocatalytic properties of CeO₂ thin Films using Ultra spray pyrolysis** at the Virtual International Conference on Multifunctional Advanced Materials (VICMAM-2021) organized by Jnan Vikas Mandal's Degree College, Airoli during 9th -10th August 2021.

Workshops/ Conferences/ Seminars/Other Events attended:

Sr.	Particulars	Place	Date
1.	Seminar on Impact of Pollution on Biosphere	Yashwantrao Mohite College, Pune	11/02/2000 and 12/02/2000
2.	Seminar on Materials for energy conversion	Yashwantrao Mohite College, Pune	20/09/2003
3.	Seminar on Recent Experimental techniques in Science	Yashwantrao Mohite College, Pune	27/08/2005
4.	UGC's Capacity Building Workshop for Women Managers in Higher Education	Centre for Women's Studies, Shivaji University, Kolhapur	22/01/2007 To 26/01/2007
5.	Seminar on Open Source Technologies	Indira College of Commerce & Science, Pune	24/12/2008
6.	Faculty Development Programme On Analysis of Data Using SPSS 17.0	Institute of Management & Entrepreneurship Development, Pune in association with SPSS, Banglaore	26/11/2009 and 27/11/2009
7.	Seminar on Current Trends in IT and Impact of Recession on IT	Indira College of Commerce & Science, Pune	05/02/2010
8.	Seminar on Data Mining and Data Warehousing	Indira College of Commerce & Science, Pune	06/02/2010
9.	Natioanl Conference on Nanotechnology and its Applications in Electronics Engineering	All India Shri Shivaji Memorial Society's Institute of Information Technology	15/12/2011 and 16/12/2011
10.	2 nd Natioanl Teachers' Congress, Pune, India	MIT School of Government, Pune	10/01/2018 to 12/01/2018
11.	National Conference on Indian Higher Education "Challenges of Autonomy and Accountability"	Education Promotion Society of India	19/08/2018
12.	E- Learning Workshop	Yashwantrao Mohite College of Arts, Science and Commerce, Pune in collaboration with Microbiologist Society, India	01/12/2018

13.	State level workshop on New AQAR Methodology	Haribhai V. Desai Arts, Science and Commerce College, Pune	17/07/2019
14.	Faculty Development Programme on Data Intelligence	Institute of Management & Entrepreneurship Development, Pune	05/10/2019
15.	International Photovoltaic Solar Energy Conference (IPSEC)	Department of Physics, Savitribai Phule Pune University	30/7/2015 1/8/2015

Academic Membership:

- Chairperson, Board of Studies in Physics and Computer Science, BVDU, Pune.
- Member of various academic committees of Yashwantrao Mohite College of Arts, Science and Commerce, Pune.

Academic Contribution:

- Convener for Workshop on **Ethical Hacking** organized in collaboration with Robosol-For a Cause in association with AAKAAR IIT Bombay on 6th and 7th March 2020
- Convener for workshop on **Python Web Application Development** in collaboration with FossEST Technologies Pvt. Ltd, Mumbai on 13th March 2019
- Convener for the National Workshop on **ANDROID** 2016 on 12th February, 2016.
- Convener for the National Workshop on **Scilab and Cloud Computing** 2016 on 18th February, 2015
- Convener for the National Conference on **Advances in Computer Science and Information technology** on 27th and 28th September 2014.
- Convener for the UGC sponsored National Conference on **Advances in Computing ,Communication and Information Technology** on 1st and 2nd Feb., 2013 (Received grants of Rs.2,50,000/-)
- Convener for the UGC sponsored National Seminar on **Digital Image Processing and Character Recognition** on 22nd and 23rd February, 2012 (Received grants of Rs.1,50,000/-)
- Convener for the UGC sponsored National Seminar on **Software Project Management and Innovative Practices** on 26th Feb.2011 (Received grants of Rs.1,20,000/-)
- Convener for the UGC sponsored National Seminar **Researching in Computer Science and Computer Applications** on 22nd & 23rd Feb.2010 (Received grant of Rs.50,000)
- Convener for the Seminar **Tech-Vision 2009** on 24th January 2009
- Convener for the Seminar **Tech-Vision 2007** on 22nd December 2007.
- Organized Seminar **Recent Developments in Information Technology** on 19th Sept.2006

- Organized one day workshop **Computer Awareness** on 28th Feb.2006
- Organized one day workshop **IT – The Next Step** on 13th December 2005

Special Academic Contribution:

- Member, Committee for NAAC Accreditation (2003-04) and Reaccreditation (2011-12), Yashwantrao Mohite College of Arts, Science and Commerce, Pune.
- Member, Internal Quality Assurance Cell for NAAC, Yashwantrao Mohite College of Arts, Science and Commerce, Pune. (Since 2004-05)
- Member for All India Survey on Higher Education conducted by Ministry of Human Resource Development, Department of Higher Education, New Delhi since 2011-12, for Yashwantrao Mohite College of Arts, Science and Commerce, Pune.
- Member, International Students Cell, Yashwantrao Mohite College of Arts, Science and Commerce, Pune. (Since 2009-10)
- Principal Investigator, UGC sponsored Minor Research Project “ Investigations of TiO₂ thin films for solar cell applications using Chemical Bath Deposition method”. (Received grant of Rs. 1,05,000/-) (2013-2015)
- Expert for the Academic Audit Committee of Pratibha College of Commerce and Computer Studies, Chinchwad, Pune

Work from home during Corona lockdown period:

1. Successfully completed Webinar on **Online Learning workshop for Faculty** conducted by QASPIR, UK in collaboration with Association of Indian Universities, New Delhi on 1st, 2nd and 3rd April 2020
2. Successfully completed Webinar on **Best Practices for Conducting Online Classes** conducted by Edoflip Team, Edoflip Education, Bangalore, Karnataka on 08/04/2020
3. Successfully completed Webinar on **Assessment and Accreditation: A Revised Accreditation Framework for Affiliated/Constituent Colleges** conducted by IQAC Cluster of India from 09/04/2020 to 12/04/2020
4. Successfully completed Webinar on **Effects of Current Event on Academics** conducted by Edoflip Team, Edoflip Education, Bangalore, Karnataka on 15/04/2020 Speaker: Professor Atul Khosla, Pro-Vice Chancellor, Shoolini University, Simla
5. Successfully completed Webinar on **How to Use ProQuest During Lock down Period** Spencer Pixton, Regional Manager, Customer Experience, ANZ, India & South East Asia, ProQuest, 607 St Kilda Road, Melbourne, Victoria, Australia on 15/04/2020
6. Successfully completed Webinar-04 on **Development of Higher Education in India: An Overview** conducted by Guru Angad Dev Teaching Learning Centre of MHRD SGTB Khalsa College, Delhi University on 16/04/2020. Speaker: Professor Ved Prakash, Former Chairman, UGC, MHRD, GOI, New Delhi.
7. Successfully completed Webinar on **EduTECHAsia Webinar: Will 2020 be a year of Immersive Learning?"** conducted by The EduTECH Asia Team on 16/04/2020.

Moderator: Craig Hansen, Director, University of Applied Research & Development, Indonesia
Panellists: 1) Tim Evans, Educational Technology Specialist, Stamford American School, Hong Kong, 2) Ankit Jain, Deputy General Manager-ICT, Podar Education Network, India 3) Eric Hawkinson, Associate Professor of Learning Design & Technology, Kyoto University of Foreign Studies, Japan, 4) Dr. Henry Y.K. Lau, Associate Dean of Engineering (Innovation), The University of Hong Kong, Hong Kong

8. Successfully completed Webinar-05 on **ICT Enabled Higher Education in India: Challenges and Opportunities** conducted by Guru Angad Dev Teaching Learning Centre of MHRD SGTB Khalsa College, Delhi University on 17/04/2020. Speaker: Professor A.K. Bakhshi, Vice Chancellor, PDM University, Haryana; Chairman, GAD-TLC.
9. Successfully completed Webinar on **Use of ICT Tools in Education** conducted by MIT Arts, Commerce Science College, Alandi (D), Pune (21/04/2020), Speaker: Anupama Alagannawar; on **Creating Your Own Teaching Videos Sceencast-O Matic** (22/04/2020), Speaker: Ms. Anupama Alagannawar; on **Google Drive & Advance Setting, Google Forms (Quiz)** (23/04/2020), Speaker: Ms. Bareen Shaikh & on **Google Forms (Feedback) Flipped Classroom** (24/04/2020) Speakers: Ms. Bareen Shaikh & Ms. Anupama Alagannawar
10. Successfully completed Webinar-06 on **Re-Engineering Higher Education: A Seamless Knowledge Management System for the University** conducted by Guru Angad Dev Teaching Learning Centre of MHRD SGTB Khalsa College, Delhi University on 22/04/2020. Speaker: Professor K. V. Bhanumurthy, Professor, Delhi Technological University, New Delhi; Vice-Chairman, GAD-TLC.
11. Successfully completed Webinar on **How Safe and Secure are your Online Exam-Powered by Microsoft (Remote Proctored Assessments fortified with Microsoft AI Capabilities)** conducted by Team Wheebox on 24/04/2020. Speaker: Mr. Vaibhav Srivastav, Channel Lead-Microsoft & Mr. Nitin Chawla, Vice President, Strategic Account and Business Operations, Wheebox.
12. Successfully completed online Faculty Development Programme on SCILAB organized by S. K. Somaiya College of Arts, Science and Commerce, Mumbai and Spoken Tutorial Project, IIT Bombay during 21st to 25th April 2020.
13. Successfully completed **Moodle Test for Teachers** organized at S.S.T College of Arts and Commerce by Deepak Dubey with course material provided by the Spoken Tutorial Project, IIT Bombay from 21/04/2020 to 27/04/2020.
14. Successfully completed National Online Seminar on **Creation of MOOCs** conducted by Kirti M. Doongursee College of Arts, Science and Commerce, Mumbai on 27/04/2020. Speaker: Dr. Anil Sahasrabudhe, chairperson of All India Council for Technical Education.
15. Successfully completed Webinar-08 on **Roles of Teacher in Technology Driven Higher Education** conducted by Guru Angad Dev Teaching Learning Centre of MHRD SGTB Khalsa College, Delhi University on 28/04/2020. Speaker: Dr. Vimal Rath, Project Head & Joint Director GAD-TLC of MHRD.
16. Successfully completed Faculty Development Programme on **Online College Management and Content Creation Tools** jointly organized by Lala Lajpat Rai

College of Commerce and Economics, Mumbai and North Storm Academy, Mumbai from 29-04-2020 to 02-05-2020. Speaker: Mr. Hitesh Motwani, Digital Marketing Trainers.

17. Successfully completed A Motivational National Webinar-10 on **Towards Excellence in Higher Education in India in the 21st Century: Challenges and Opportunities** conducted by Guru Angad Dev Teaching Learning Centre of MHRD SGTB Khalsa College, Delhi University on 01/05/2020. Speaker: Professor A.K. Bakhshi, Vice Chancellor, PDM University, Haryana; Chairman, GAD-TLC.
18. Successfully completed Webinar on **How to Overcome Challenges and Boost Admission During COVID 19** conducted by SkillSlate powered by Zovy Studios on 5th May 2020
19. Successfully completed 5 Day Online International Faculty Development Programme on **How to Train Media Students to Handle Pandemic Like Covid-19** conducted by Nirmala Memorial Foundation College in association with Griffith University, Australia from 04/05/2020 to 08/05/2020.
20. Successfully completed Webinar on **Skill Development Programme for Online Teaching to Cater to the Technical Needs of the Teachers at this Crucial Time** conducted by Bhavan's College, Mumbai from 05-05-2020 to 07-05-2020.
21. Successfully completed Online Faculty Training Programme on **Cyber Security** organized by IQAC and department of IT & Mathematics, SIA College, Mumbai in association with Indian Servers on 07/05/2020.
22. Successfully completed Webinar on National Level FDP on **Decoding Examination During and Post Covid-19** conducted by SkillSlate powered by Zovy Studios on 08-05-2020.
23. Successfully completed Webinar on Strengthening College Education conducted by MVM College, Mumbai in association with Teach us on 09/05/2020.
24. Successfully completed **International Webinar on Application of Chanakya Niti in Modern Education** organized by Department of Commerce, Anna Lila College, Mumbai on 11/05/2020.
25. Successfully completed **One Week National Online Faculty Development Program on ICT Tools for Effective Teaching Learning** organized by School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded from 11 to 16/05/2020.
26. Successfully participated in **I am Change Programme** organized by SkillSlate and powered by Zovy Studio, Pune on 14/05/2020.
27. Successfully completed **International Webinar on Post Covid-19 Lockdown: Challenges for Education, Industry and Economy** organized by Poona College, Pune on 16/05/2020.
28. Successfully completed online workshop **IPRs: Types, Procedures and Legal Perspectives** organised by IQAC and Department of Business Law, S.K.Somaiya Degree College of Arts, Science & Commerce, Vidyavihar on 19/05/2020.

29. Successfully completed national webinar on **Deconstructing Gender** organized by Smt. Maniben M. P. Shah Women's College of arts and Commerce, Mumbai on 19/05/2020.
30. Successfully completed national webinar on **Examination Reforms: Need of Higher Education Today** organized by Smt. Maniben M. P. Shah Women's College of arts and Commerce, Mumbai on 20/05/2020
31. **Successfully completed national webinar on Patent Filing and Prosecution** organized by KPR Institute of Technology, Coimbatore on 23/05/2020
32. Successfully completed national webinar on **Preparation to Post COVID-19 Assumptions of Educational Institutions** organized by IOED and Atal Bihari Vajpayee Vishwavidyalaya, Bilaspur on 24/05/2020
33. Successfully completed national webinar on **Towards excellence in higher education in India in the 21st century: Opportunities and Challenges** organized by Guru Angad Dev Teaching Learning Centre of MHRD SGTB Khalsa College, Delhi University(PMMMNMTT) on 01/05/2020
34. Successfully completed Workshop on **Virtual Classroom** organized by KAIZEN FUTURETECH from 21/05/2020 to 25/05/2020
35. Successfully completed national webinar on **Women in Higher education: Issues and Challenges during Corona Pandemic** organized by Guru Angad Dev Teaching Learning Centre of MHRD SGTB Khalsa College, Delhi University(PMMMNMTT) on 27/05/2020
36. Five day Faculty Development Program on **Evolution from Online to Offline Teaching** organized by Satish Pradhan Dnyanasadhana college, Thane in association with Department of Information Technology University of Mumbai , Yashwantrao Chavan Maharashtra Open University , Mumbai Region and Microsoft from 30th May to 3rd June
37. Successfully completed national webinar on **Getting Ready for NAAC** organized by MIT -World Peace University, Pune on 31/05/2020
38. Successfully completed national webinar on **Learner Differences and Different Learning needs** organized by Smt.P.N.Doshi Women's College in association with MUCTA on 30/05/2020
39. Successfully completed national webinar on **Soft Skills** organized by Government Degree College, Ichapuram, Srikakulam District, Andhra Pradesh on 07/06/2020
40. Successfully completed national webinar on **Future of Examinations: Bloom's Taxonomy and Multiple Assessment Tools** organized by G.T.N Arts College(Autonomous), Dindigul, Tamilnadu on 08/06/2020