

Name : **Shrikant R.Chawade**
: **E1-1301 Rosemary Yogidham**

Kalyan (w)421301

DOB : **9 th Nov. 1968**

Father's Name : **Rangnath .K.Chawade**

Qualification : **M.Sc (App.Physics.)**

Specialization : **Material science,Sensors.**

Date of joining KJSCE Mumbai : **05/08/2003**

Total teaching experience : **32 Years**

Teaching experience after Probation : **22 Years**

Completed" Sangeet Visharad" from Akhil bhartiya Gandharv Mahavidyalay ,Miraj and have won some prizes in singing competitions

Qualified PET of Mumbai University

Total number of STTP attended : **34 and 15of one week and above .**

Courses taught :**Applied Physics I ,**

Applied Physics II ,

Engineering Physics ,

Environmental studies.

Applied sciences (Program

Specific)

LIST OF RESEARCH PUBLICATIONS :

Research papers published in International Journals or conference

1. S. S. Patwardhan, A. Sharma, S. A. Mani, S. R. Chawade "Developing Analytical and Observational Approach in Undergraduate Learners" in Journal of Engineering Education Transformations (JEET), Volume 33, Special Issue, ICTIEE 2020, January 2020, DOI: 10.16920/jeet/2020/v33i0/150120.
2. A. Sharma V.N.Rai,S.Mani , S. Chawade "A study of structural parameters and photoluminescence of Tb doped ZnO nanoparticles" in Materials Today: Proceedings, July 2019.DOI: 10.1016/j.matpr.2019.05.377

1. National Symposium on Smart synthesis techniques for smart materials & their application science and engineering organized by VeermataJijabai Technological Institute (VJTI), Mumbai during January, 3rd to 4th 2020.

Title of Paper: Thermo-Mechanical Studies on Liquid Crystal Elastomer doped with CNT

2. International Conference on Advanced Nanomaterials and Nanotechnology (ICANN-2019) organized by SDSM College, Palghar and Department of Physics, University of Mumbai during November, 26th to 28th 2019.

Title of Paper: Quantum Dots Dispersed Liquid Crystal System: Influence of Dispersion on Optical and Thermal Properties

3. National Conference on Recent Trends in Photonics, Smart and Nano-Material at B. K. Birla College, Kalyan, on February 21st, 2019.

Title of Paper: Investigation of Phase Transition Temperatures of Liquid Crystals Mixtures

4. National Conference on Advanced Nanomaterials and their Applications (ANA-2018) at **National Institute of Technology, Allahabad**, Prayagraj during December, 21st to 23rd, 2018. *Title of Paper: Thermal and Optical Investigation of Quantum Dots dispersed Binary Liquid Crystal System*

5. National Conference on Advanced Analytical Tools for Material Characterization (AATMC-2018) at Birla College, Kalyan, on February 28th, 2018.

Title of Paper: Optical and Mechanical investigation of MWCNT doped Liquid Crystal Elastomer

6. National Conference in Applied Sciences and Humanities (7th Annual International Conference and Workshop, MULTICON-W 2016) at Thakur College of Engineering and Technology, Mumbai during February 26th to 27th, 2016. Enhanced Optical and Mechanical behavior Liquid Crystal Elastomer for

Department of Physics, B.K.Birla college, Kalyan & MRSI-MC

One Day National Conference on

'Advanced Materials'

Saturday, the 24th July, 2021

Enhanced Optical and Mechanical behavior Liquid Crystal Elastomer for medical applications

STTP AND OTHER PROGRAMME ATTENDED:

Attended/Organized STTPs & Refresher Courses, conferences

1. One day workshop on " XRD instrumentation ,Analysis, Interpretation of spectra and Applications "Organized by B K Birla College ,Kalyan on 28 th Aug.2021.
2. Three days online STTP "Applications of Mathematics" organized by RAIT Nerul ,Navi Mumbai,from 24 th June to 26 th June.2021
3. Online FDP on Research Funding Project & IPR (Part II) Organized by IQAC and department of of EXT C ,IT ,Comp, KC college of engineering management and research ,Thane ,from 7th to 9 th June 2021
4. STTP "Learning Physics Through Simple experiments entre for continuing education ,IIT Kanpur April 2 to June 10 2020
5. FDP on ' Evolution From Offline to Online Teaching' organized by IQAC and FDP Committee od S P Dnyansadhana college Thane in association with Department of IT ,University of Mumbai ,YCMOU and Microsoft from 30 th May to 3 rd June 2020

6. One day webinar on "Functional Nanomaterial's :Concept ,Structure-Property Relationships, Knowledge-Based design ,Translational research" organized by B.K.Birla college ,Kalyan on 27th may 2020
7. 4days online course on Examination Reforms Organized by AICTE 22 to 25 April 2020
8. Attended Workshop on Lasers, Fiber optics & optical Communications ,Fiber sensors organized by National Academy of Science and IWSA on 6th and & 7th of march 2020
9. TEQUIP III National Symposium on "Smart Synthesis Technique for Smart Material and their Applications at VJTI Mumbai 3 -4 January 2020
10. Attended NAAC sponsored National Conference on Curriculum Design and Evaluation. At KJSCSC 12th 13th Jan 2018
11. Attended Sensor technology and Innovations AICTE -ISTE approved induction program organized by KJSCE Vidyavihar Mumbai 4th to 9th dec.2017
12. Participated in the course " Physics of semiconductors" ,At IIT Kanpur 15 Aug to 20 Nov
13. Participated in two days national workshop on "Advances in Nano Drug Delivery System Organized by Department of Physics ,University of Mumbai, 23rd 24th of march 2017
14. Worked as a Workshop Coordinator for Two Week STTP on "Engineering Physics" at KJSCE organized by IITB during December 8 to 18, 2015
15. Attended Coordinators Workshop on "Engineering Physics" organized by IITB during September 7 to 11, 2015.
16. Participated in the workshop " NBA's Outcome Based Accreditation" organized by NBA and NMIMS phase I and phase II June 7 and 25 to 27 June (Four days) 2014
17. Participated in 2 days ISTE workshop "Akash for education" conducted by IIT Bombay 10th 11th Nov. 2012
18. Attended on week STTP on "Innovations in Teaching Methods" organized by NITTTR at Pune centre during July 27 to 31, 2009.
19. Attended three week "Refresher Course in Physics" organized by Academic Staff college University of Hyderabad during November 27 to December 17, 2008.
20. Attended TTP on "Electrical Networks" organized by ISTE KJSCE during January to April, 2006.
21. Attended three weeks Refresher course in physics ,Academic Staff College University of Mumbai 07/12 /2005 to 28/12/2005
22. Completed PG level Part Time Program "Sensors in Instrumentation" at IIT Bombay July to Nov. 2005
23. One day Colloquium on the Centenary of Einstein's relativity ,3rd sept.2005 ,at FCRCE ,Badra Mumbai,
24. One day seminar on "information technology Trends and Challenges" organized by Board of studies of University of Mumbai and KJSCE Mumbai.
25. One day seminar on "Introduction to finite Element Analysis and its Applications" ISTE chapter KJSCE ,Aug 6- 2004

26. Attended Workshop on calibration Philosophy and Practices by IDEMI, A Government of India Society, 17th of June to 19th of June.
27. Seminar in Physics at MPASCC Panvel, 26th March 2003
28. Attended workshop "Fibre optics inter connections techniques" by ERTL and FOA India and 22 Dec. 2000, 21
29. QIP STTP on Modern Magnetic Materials Conducted at IIT Bombay from May 15 to 26 2000.
30. successfully completed RUSA sponsored two credit course on, "RESEARCH AND PUBLICATION ETHICS (CPE-RPE)", approved by the University of Mumbai, from 25th May to 31st May 2022 at Chikitsak Samuha's Patkar-Varde College Goregaon (W) Mumbai 400062.
31. NPTL STTP of 12 week on Introduction to LASER systems January to April 2025
32. NPTL STTP of 8 week on Physics of Sensors in July to September 2025
33. Advanced Functional Materials and sustainability, ISTE one week at KJSSC June 2025
34. Foundation of Quantum Computing @ 5 days FDP at KJSSC June 25.
35. Quantum Computing :from fundamentals to applications December 2025.

ADDITIONAL RESPONSIBILITIES:

1. Was Departmental HOD (Science and Humanities Department) KJSCOE Oct 13 to July 17.
2. Coordinator of scheme and syllabi design for first autonomous syllabus (KJSCE 2014)
3. Worked in various departmental committees, Chairman Departmental Exam Committee. And member of EC, KJSCOE
4. Laboratory in charge of Applied Physics Laboratory.
5. Chief proctor S and H Dept. KJSCE
6. Member Internal Complaint Committee. KJSCOE,
7. Member of College Exam Committee
8. Was member of Unfair means committee at KJSCE,
9. Was Secretary of KJSCE employees' cooperative credit society.
10. In the board of directors of KJSCE employees' cooperative credit society.
11. Was part of college level admission committees, like in charge of CAP reporting, In charge document Verification,
12. In charge of all students activities (Cultural, sports, students' welfare) in previous college (KGCE)
13. First year in charge in previous college (KGCE)
14. Member of Local management committee in previous college (KGCE)
15. In the selection committee of physics for various colleges in Mumbai University.
16. Chief moderator and paper setter for Applied Physics in Mumbai university.
17. Judge and coordinator of various music and sports events in college under SYMPHONY & SKREAM (College's cultural and sports festival)
18. Member of retest approval committee.

19. Member of RMAC under SVU.

LIFE MEMBER: ISTE

Mumbai,05/09/2021

Place & date

(Shrikant R. Chawade)