

Faculty Profile

1. Name: **Dr. Sarika Popatrao Patil**
2. Contact no.: 9665314030
3. Address: At/Post - Palus,
Tal. - Palus, Dist. - Sangli, Pin. - 416310.
4. E-mail: sarikapalus@gmail.com, sarikapatil@sitcoe.org.in
5. Specialization: -Materials Science, Energy Science
6. Computer Knowledge:MS-CIT



EDUCATIONAL QUALIFICATION:

Education	Board/University	Year	Percentage	Class
Ph. D. (Physics)	Shivaji University	2016	Awarded	
M.Sc.(Physics)	Shivaji University	2008	60.55%	First Class
B.Sc.(Physics)	Shivaji University	2005	69.88%	First Class
H.S.C.	Kolhapur Board	2002	58.83%	Second Class
S.S.C.	Kolhapur Board	2000	47.6%	Second Class

RESEARCH DETAILS:

Ph. D. Registration Date:01-07-2010

Title of the Ph.D. work:

Synthesis and Characterization of Anode Materials for Hydrocarbon Fueled Intermediate Temperature Solid Oxide Fuel Cells.

RESEARCH AREA(S):

- Materials Science
- Synthesis and Characterizations of materials
- Solution Combustion Process
- Solid Oxide Fuel Cell
- Composite materials.

RESEARCH OUTCOMES

Papers published in National/ International Journals	15
Papers published in National/ International Conferences	18
Citations	211
h-index	7
i10-index	7
Research Gate Score	13.77

RESEARCH EXPERIENCE:

- Successfully completed the project entitled “Synthesis and Characterization of Magneto-Electric Composites (NiCuZnFe₂O₄+PZT)” for partial Fulfillment of M.Sc. degree, 2006-2007.
- Working as a **Junior Research Fellow** on the project entitled “Investigation on NiO-GDC-GDC structures for the development of intermediate temperature solid oxide fuel cell” during Ph. D.
- I have successfully delivered talk (**As Speaker**) on Nanomaterials for Intermediate Temperature Solid Oxide Fuel Cell in International Conference on Advanced Materials and Nanotechnology, which is held on July 19-20, 2021.

Papers published/Accepted/Submitted in cited International/national Journals:

1. P. A. Bharmal, P. P. Patil, M. S. Gurav, **S. P. Patil**, “ An overview of production of electricity using solar power plant”, International Journal of advanced research in science and engineering, 07 (2018) 643-645.

2. **Sarika P. Patil**, Shital P. Patil, U. S. Siddharth, Vijaya Puri, L. D. Jadhav, "Synthesis and characterization of phase pure CuO nano particles by solution combustion method" 2nd International Conference on Recent Challenges in Engineering and Technology, (2017) under review.
3. **Sarika P. Patil**, L. D. Jadhav, D. P. Dubal, V. R. Puri, "Characterization of NiO-Al₂O₃ composite and its conductivity in biogas for solid oxide fuel cell", Material Science-Poland, 34(2) (2016) 266-274.
4. **Sarika P. Patil**, S. P. Patil, S. T. Jadhav, V. R. Puri, L. D. Jadhav, "Synthesis and characterization of NiO-Al₂O₃ nanocomposite as anode for IT-SOFCs", Journal of Shivaji University (Science & Technology), 41 (2015) 1.
5. S. U. Dubal, A. P. Jamale, S. T. Jadhav, **S. P. Patil**, C. H. Bhosale, L. D. Jadhav, "Yttrium doped BaCeO₃ thin films by spray pyrolysis technique for application in solid oxide fuel cell", J. Alloys Compd., 587 (2014) 664.
6. S. T. Jadhav, S. U. Dubal, A. P. Jamale, **S. P. Patil**, C. H. Bhosale, V. R. Puri, L. D. Jadhav, "Structural, morphological and electrical studies of BaCe_{0.8}Y_{0.2}O_{3-δ} synthesized by solution combustion method", Ionics, (2014), DOI 10.1007/s11581-014-1304-z.
7. **Sarika P. Patil**, Shital P. Patil, V. R. Puri and L. D. Jadhav, "Synthesis And Characterization Of Pure Cu And CuO Nano Particles By Solution Combustion Synthesis", AIP conference proceedings, 1536 (2013) 1260.
8. L. D. Jadhav, **S. P. Patil**, A. P. Jamale, A. U. Chavan, "Solution combustion synthesis: Role of oxidant to fuel ratio on powder properties", Mater. Sci. Forum, 757 (2013) 85.
9. A. P. Jamale, S. U. Dubal, **S. P. Patil**, C. H. Bhosale, L. D. Jadhav, "Influence of substrate temperature on structural, morphological and electrical properties of La_{0.6}Sr_{0.4}Co_{0.2}Fe_{0.8}O₃ thin films for IT-SOFCs", Appl. Surf. Sci., 286 (2013) 78.
10. S. T. Jadhav, S. U. Dubal, L. D. Jadhav, J. S. Shaikh, A. U. Chavan, A. P. Jamale, **S. P. Patil**, P. S. Patil, S. S. Kolekar, "Behavior of graphene oxide in ionic liquid for supercapacitor application", AIP conference proceedings, 1536 (2013) 1183.
11. A. P. Jamale, A. U. Chavan, **S. P. Patil**, L. D. Jadhav, C. H. Bhosale, "Influence of spraying parameter on performance of La_{0.6}Sr_{0.4}Co_{0.2}Fe_{0.8}O₃ films for IT-SOFCs", AIP conference proceedings, 1447 (2012) 625.
12. A. U. Chavan, L. D. Jadhav, A. P. Jamale, **S. P. Patil**, C. H. Bhosale, S. R. Bharadwaj, P. S. Patil, "Effect of variation of NiO on properties of NiO/GDC (gadolinium doped ceria) nano-composites", Ceram. Int., 38 (2012) 3191.

13. L.D. Jadhav, **S.P. Patil**, A.U. Chavan, A.P. Jamale , V.R. Puri, “*Solution combustion synthesis of Cu nanoparticles: a role of oxidant-to-fuel ratio*”, Micro & Nano Letters, 6, (2011), 812-815.
14. L. D. Jadhav, M. G. Chourashiya, A. P. Jamale, A. U. Chavan, **S. P. Patil**, “*Synthesis and characterization of nano-crystalline $Ce_{1-x}Gd_xO_{2-x/2}$ ($x = 0 - 0.30$) solid solutions*”, J. Alloys Compd., 506 (2010) 739.
15. A. P. Jamale, M. G. Chourashiya, A. U. Chavan, **S. P. Patil**, C. H. Bhosale, L. D. Jadhav, “*Synthesis of nano crystalline $La_{0.6}Sr_{0.4}Co_{0.8}Fe_{0.2}O_{3-\delta}$ (LSCF) using glycine nitrate process*”, Proceedings of the eighth national conference on solid state Ionics-materials for novel devices: book of abstract, 175 (2009)80.
16. A. P. Jamale, M. G. Chourashiya, A. U. Chavan, **S. P. Patil**, L. D. Jadhav, “*Synthesis and characterization of yttria stabilized zirconia thin films using spray pyrolysis techniques*”, Proceedings of the DAE solid state physics symposium, 54 (2009) 647-648.

Papers Presented at National and International Conferences / Seminars / Symposia:

1.	Investigation on electrical properties of CuO-NiO-GDC anode in biogas. Sarika P. Patil , Shital P. Patil, L. D. Jadhav, V. R. Puri, International Conference On Nanoscience and Nanotechnology, Department of physics and nanotechnology, SRMIST, 2019.
2.	Investigation on electrical properties and stability of CuO-NiO-GDC anode in biogas. Sarika P. Patil , Shital P. Patil, L. D. Jadhav, International Conference On Recent Innovations In Science, Engineering And Management, 2018, Nanasaheb Mahadik College of Engineering, Sangli.
3.	An overview of production of electricity using solar power plant. P. A. Bharmal, P. P. Patil, M. S. Gurav, S. P. Patil , International Conference On Recent Innovations In Science, Engineering And Management, 2018, Nanasaheb Mahadik College of Engineering, Sangli.
4.	Characterization of NiO-Al ₂ O ₃ composite and its conductivity in biogas for solid oxide fuel cell. Sarika P. Patil , Shital. P. Patil, L. D. Jadhav, National conference on recent trends in Engineering and Technology, at SITCOE, Yadrav, Kolhapur, 24th March 2018.

5.	<p>Overview On Gravitational Waves.</p> <p>A. S. Kamble, S. R. Jadhav, S. P. Patil, National conference on recent trends in Engineering and Technology, at SITCOE, Yadrav, Kolhapur, 24th March 2018.</p>
6.	<p>General Idea About Black Hole.</p> <p>Siddharth Jeswani, Mizan Jamadar, S. P. Patil, National conference on recent trends in Engineering and Technology, at SITCOE, Yadrav, Kolhapur, 24th March 2018.</p>
7.	<p>Overview Of Production Of Electricity Using Bio Energy.</p> <p>P. A. Bharmal, P. P. Patil, S. P. Patil, National conference on recent trends in Engineering and Technology, at SITCOE, Yadrav, Kolhapur, 24th March 2018.</p>
8.	<p>The Art Of Science Of Doing Nothing-Autopilot.</p> <p>R. S. Ingale, R. S. Dayama, S. P. Patil, National conference on recent trends in Engineering and Technology, at SITCOE, Yadrav, Kolhapur, 24th March 2018.</p>
9.	<p>Investigation On Need Of Mechatronics System.</p> <p>S. S. Bapat, A. S. Pandhari, S. P. Patil, National conference on recent trends in Engineering and Technology, at SITCOE, Yadrav, Kolhapur, 24th March 2018.</p>
10.	<p>Investigation On Supernova.</p> <p>S. M. Goenka, S. R. Sambodhi, S. P. Patil, National conference on recent trends in Engineering and Technology, at SITCOE, Yadrav, Kolhapur, 24th March 2018.</p>
11.	<p>Investigation on electrical properties of CuO-NiO-GDC anode in biogas</p> <p>Sarika P. Patil, L. D. Jadhav, V. R. Puri, International conference on Advanced Rechargeable Batteries & Allied Materials, 2017, center for materials for electronics Technology (CMET), Pune.</p>
12.	<p>Synthesis and characterization of phase pure CuO nano particles by solution combustion method.</p> <p>Sarika P. Patil, S. P. Patil, U. S. Siddharth, V. Puri, L. D. Jadhav, 2nd International Conference on Recent Challenges in Engineering and Technology, 2017, SITCOE.</p>
13.	<p>Synthesis and characterization of pure Cu and CuO nano particles by solution combustion synthesis.</p> <p>Sarika P. Patil, Shital P. Patil, V .R. Puri and L. D. Jadhav, International Conference on Recent Trends in Applied Physics and Material Science, 2013, Bikaner, Rajasthan.</p>

14.	Synthesis and characterization of NiO-Al ₂ O ₃ nano-composite as anode for IT-SOFCs. S. P. Patil , S. Jadhav, V .R. Puri and L. D. Jadhav, International Conference on Physics of Materials and Materials Based Device Fabrication, 2012, Shivaji University, Kolhapur.
15.	Synthesis and characterization of 30%NiO-70%Al ₂ O ₃ nano-composite as anode for IT-SOFCs. Sarika P. Patil , V .R. Puri and L. D. Jadhav, International Conference on Nano Science and Technology, 2012, Hyderabad.
16.	Synthesis and characterization of NiO-Al ₂ O ₃ nano composite anode material for IT-SOFCs. Sarika. P. Patil , V. R. Puri, L. D. Jadhav, DAE BRNS 4 th Interdisciplinary symposium on Materials Chemistry, 2012, BARC, Mumbai.
17.	Synthesis and characterization of nanocrystalline CuO powder. L. D. Jadhav, S. P. Patil , A. U. Chavan, A. P. Jamale, and C. H. Bhosale, International Conference on Nanotechnology and Medical Sciences- 2010 (ICNAMS), D. Y. Patil University, Kolhapur.
18.	Synthesis and characterization of nanocrystalline CuO powder as anode material for SOFC. S. P. Patil , C. H. Bhosale and L. D. Jadhav, National Seminar on Advanced Materials, 2010, Shivaji university, Kolhapur.

Online Conferences/Seminars/Workshops/Symposium/FDP attended:

1. Two days National FDP on “Aspects of Research Paper Writing” organized by Khandelwal Vaishgirls Institute of Technology, Jaipur, 25-26th Jun 2021.
2. Participated & completed successfully AICTE Training and Learning (ATAL) Academy online FDP on "Nanotechnology Advances in Engineering Materials and Manufacturing ", 21st – 25th June 2021.
3. One day International webinar on “Nanomaterials for Energy Generation and Smart Storage”, organized by Miraj Mahavidyalaya Miraj, 24th June 2021.

4. Participated & completed successfully AICTE Training and Learning (ATAL) Academy online FDP on "Role of Materials in Electrical Vehicles ", 7th – 11th June 2021.
5. Online FDP on "Research Funding Projects and IPR (part II)" organized by R & D cell IQAC, K C College of Engineering and Management Studies Research, Thane, 7th -9th Jun 2021.
6. State Level Webinar on "Qualitative Research Publications", organized by IQAC of Yashwantrao Chavan College, Halkarni, 29th May 2021.
7. One week STTP on "Innovations in Physics and Chemistry", organized by Department of Basic Sciences, Annasaheb Dange College of Engineering and Technology, Ashta, 18th -23rd May 2021.
8. One Day National Level Online Faculty Development Programme on "Tomorrow's Teaching, Research and Learning in Engineering and Management Academics", organized by Sri Sai Institute of Technology & Science, Rayachoti, 28th April 2021.
9. Online webinar on "Research Funding Opportunities and Proposal Preparation for Academicians" organized by RSB Science Hub and Research Foundation, Coimbatore, Tamil Nadu, 1st May 2021.
10. Online webinar on "Innovative Technologies in Crystal Growth", organized by Department of Physics, ARASU Engineering College, Kumbakonam, Tamil Nadu, 29th April 2021.
11. National level Research Methodology Workshop on "Art of Writing Research Paper in Scopus Journals", organized by Kaamadhenu Arts and Science College, Coimbatore, Tamil Nadu, 10th April 2021.
12. Online webinar on "Implementation of National Education Policy-2020" organized by Sharad Institute of Technology, Polytechnic, Yadav in association with All India Council of Technical Education (AICTE), New Delhi, 25th March 2021.
13. National webinar on Functionalized Nano Materials and Their Applications (FNMA2021) organized by Post Graduate Research Centre Department of Physics Tuljaram Chaturchand College of Art, Science and Commerce, Baramati, India, 9th-10th February 2021.

14. One day webinar on “Fuzzy Logic for Fundamental Research” organized by Department of Electronics, Physics and Computer Science, Dattajirao Kadam Arts, Science and Commerce College, Ichalkaranji, 22nd January, 2021.
15. One week online Workshop on “Research Methodology and Soft skills”, organized by the Department of Science and Humanities of Sharad Institute of Technology, Polytechnic, Yadrav, 11th- 16th January 2021.
16. One day International Workshop on Advances in Functional Materials: A Virtual Event Jointly organized by MRSI, Bengaluru, Maharashtra Academy of Sciences, Pune & Department of Chemistry, New Arts, Commerce and Science College, Parner, 15th December 2020.
17. One day International webinar on “Perovskite Solar Cells” organized by the Department of Engineering Physics, K.L.E. Institute of Technology, Hubballi, 12th December 2020.
18. Participated & completed successfully AICTE Training and Learning (ATAL) Academy online FDP on "Sensors Technology", 07th – 11th December 2020.
19. International webinar on “Innovative Research in Chemical Science for Sustainable Development”, organized by Collaboration with Department of Chemistry, KMC College, Khopoli, and Kai. Rasika Mahavidyalay, Deoni, Latur and IQAC, 24th September 2020.
20. National Webinar on “Promoting Research Through Emerging Profiling Tools and Web Technology”, organized by Devchand College, Arjun Nagar, Suvarn Library & IQAC, 16th September 2020.
21. One day online International conference on “Zero Dimensional Materials”, organized by P C Jabin Science College, Hubballi, 27th August 2020.
22. One day online Faculty Development Program on “Use of Learning Management System, Virtual Teaching, and Outcome Based Education software for Engineering Colleges”, organized by Vmedulife Software Services, 13th August 2020.
23. Webinar on “Chemistry in Corona Virus Research”, organized by Department of Chemistry, Bhaurao Kakatkar College, Belgaum, 11th August 2020.
24. Online Faculty Development Programme on “Nearly Zero Energy Building (NZEB)”, organized by Sharad Institute of Technology College of Engineering, Yadrav, 10th -14th August 2020.

25. Webinar on “Opportunities & Challenges in IT Sector”, organized by Career Guidance-Placement Cell & BCA Department, P. C. Jabin Science College, Hubballi, 6th August 2020.
26. Online National seminar on “Recent Trends in Solar Power”, organized by Raj Kumar Goel Institute of Technology, Ghaziabad jointly with Bhartiya Skill Development University, Jaipur, 4th August 2020.
27. National e-conference on “Recent Advances in Materials Science & Nanotechnology”, organized by Department of Physics, Yashwantrao Chavan College of Arts, Commerce and Science Sillod, Aurangabad, 1st - 2nd August 2020.
28. One week online Faculty Development Program on “Nanoscience and Nanotechnology Current Perspectives”, jointly organized by the Department of Physics & Department of Mechanical Engineering, G. H. Rasoni College of Engineering, Nagpur in association with The Institution of Engineers (India), Nagpur Local Centre, 27th July - 1st August 2020.
29. International Web Conference on “Recent Advances in Science (IWCRAS 2020)”, organized by DON BOSCO College, Tura, 30th - 31st July 2020.
30. National webinar on “Materials for Energy”, organized by IQAC and Department of Physics, Yashwantrao Chavan College of Science, Karad, 25th July 2020.
31. Online International conference on “Advanced Materials” organized by Department of Physics, P.C. Jabin Science College, Hubballi, Karnataka, India, 20th July 2020.
32. One week Online International Faculty Development Programme on “Advanced Materials & Mathematical Tools” organized by First Year Engineering Department of GWCET, Nagpur, 10th - 14th July 2020.
33. Webinar on “Internet of Things” organized by Make It Happen Center for Invention, Innovation & Incubation (MCIII) with Whiz Key (OPC) Pvt. Ltd., Pune on 09th July 2020.
34. Two days online International webinar on “Advanced Materials for Functional and Sustainable Applications”, organized by Department of Physics, Electronics and Computers Science, S M Joshi, College, Hadapsar, in association with IQAC, Pune, 29th – 30th June 2020.
35. National webinar on “Raman Effect and Its Applications”, organized by Department of Studies in Physics, Davangere University, Davangere, 25th June 2020.

36. National Webinar on “Renewable Energy: Opportunities and Challenges Post Covid – 19”, organized by Department of Physics, P.C. Jabin Science College, Hubballi, 25th June 2020.
37. National webinar on “Advances in Synthesis Techniques and Characterization of Materials”, organized by Post Graduate Research Centre, Department of Physics, Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati, 24th -29th June 2020.
38. One day International Seminar on “Applications of Physics in Biosciences”, organized by IQAC and Department of Physics, Rajaram College, Kolhapur, 23rd June 2020.
39. International Webinar on “Opportunities in Higher Education through Online Platform during Pandemic Time” organized by IQAC Cell of Government Girls College, Betul, Madhya Pradesh, India, 20th June 2020.
40. National online seminar on “Applied Materials and Their Applications”, organized by Department of Physics, Rajarshi Chhatrapati Shahu College, Kolhapur, and IQAC, 19th June 2020.
41. One day International webinar on “Nanomaterials and Robotics”, organized by IQAC, Department of Physics and Electronics, Raja Lakhamagouda Science Institute (Autonomous) Belagavi, 16th June 2020.
42. One week Faculty Development Programme on “Improving Teaching Learning Experience using Best Practices”, organized by Dwarkadas J. Sanghvi College of Engineering, Mumbai, 15th - 19th June 2020.
43. Webinar on “Trends in Digital Technologies for Smart Living: Present & Future”, jointly organized by Department of ECE & IT, Motilal Nehru Government Polytechnic College, Puducherry, 10th June 2020.
44. One Day International Webinar on “Nanomaterials for Smart and Sustainable Energy Solutions”, organized by Department of Physics, Arts, Science and Commerce College, Panvel, in association with Internal Quality Assurance Cell, 8th June 2020.
45. Online webinar on “Occasion of World Environment Day on Waste to Energy”, organized by Department of Agricultural Engineering and Civil Engineering, Maharashtra Institute of Technology, Aurangabad, 5th June 2020.

46. National Level Webinar on “Environmental Sustainability: Combating Air, Water and Noise Pollution”, organized by Ashokrao Mane Group of Institutions, Vadgaon, 5th June 2020.
47. Online Energy Conservation Awareness Program, organized by AEPIC, Lakshmibai College, University of Delhi, 3rd-5th June 2020 with a score of 60%.
48. Two days online webinar on “Things to Know about Research Paper Writing and Citation Manager”, organized by Pimpri Chinchawad College of Engineering, Pune, 02nd - 03rd June 2020.
49. One-day webinar on “Kick Start Your Research Work”, organized by Department of Computer Science and Engineering, School of Computer Sciences and Engineering, JAIN, Deemed to be University, 30th May 2020.
50. Three days online Faculty Development Programme on “Physics of Materials”, organized by Department of Physics, Faculty of Engineering and Technology, JAIN (Deemed to be University), 28th - 30th May 2020.
51. One week Online Faculty Development Program on "Opportunities & Challenges in Electronics & Allied Industries in India post COVID-19" organized by Department of Electronics Engineering in association with Institution’s Innovation Council (IIC) of Vivekanand Education Society's Institute of Technology, 25th - 30th May 2020.
52. Online one week Faculty Development Program on “Recent Advances in Science and Technology”, RPS group of Institutions, Haryana, 21st - 27th May 2020.
53. Four Days Online International Faculty Development Programme on “Empowering Faculty to Develop and Share Global Competency”, jointly organized by Wisdom Educational Consultancy, Pollachi, and Department of English, Nallamuthu Gounder Mahalingam College, Tamilnadu, 20th - 23th May 2020.
54. International Web Conference on Science, Engineering & Technology (IWCSET-2020)”, organized by Society for Technologically Advances Materials of India, 15th - 16th May 2020.
55. National level webinar on “Role of Review of Related Literature in the Research”, organized by Gajananrao Pandurang Patil College of Arts and Science (IT), KON, 15th May 2020.

56. Four days online Faculty Development Program on "Research, Funding Projects & IPR", organized by IQAC and K. C. College of Engineering and Management Studies and Research, Thane (E), 7th - 10th May 2020.

RESEARCH SUPERVISION:

Supervised as a co-guide - M.Sc. Physics Project student - 4

PROFESSIONAL CAREER:

Teaching experience

Senior College: 2 years in Dept of Physics, Gopalkrishanna Gokhale College, Kolhapur.

Diploma: 3 years in Dept of Physics, Government of Polytechnic, Kolhapur.

Engineering College: 3.5 (Till date) years in Dept of Physics, Sharad Institute of Technology College of Engineering, Yadrav.

LIFETIME MEMBERSHIP:

1. Society for Technologically Advanced Materials, India (2020 onward).

ACHIEVEMENTS:

1. **First** ranked Student in Physics in B. Sc. III Arts, Commerce, and Science College, Palus.
2. **First** Ranked in Mathematics in B. Sc. II Arts, Commerce and Science College, Palus.
3. Completed **National Credit Core** (NCC) with national level certificate.
4. Selected for **Special National integration Camp** (SNIC) held in Kerala and completed camp of 10 days.
5. Completed **Elementary grade drawing examination** with C grade.
6. Completed **NCC 10 days camp** with certificate A.
7. Completed **National Service Scheme** (NSS) with 10 days camp.
8. Completed **Maharashtra Cadet Corps** (MCC).
9. Appreciated by HOD of General Engineering and Sciences for dedication and devotion in teaching, 2016.

COMPLETED COURSES:

1. Successfully completed the NPTEL online certification course "Solid State Physics" with consolidated score of 60%.

2. Short course on “Learn to Design Your Own Solar Home System”, organized by Energy Literacy Drive of the Energy Swaraj Foundation in association with AISSMS College of Engineering, Pune, 20th July 2020.

OTHER ACTIVITY:

1. National Webinar on “Publication Metrics” organized in association with Library and Information Science and PG Mathematics Department, Karnataka, 03rd May 2021.
2. Successfully completing Rules of Lockdown during Covid-19 Quiz Contest, organized by Deepshikha Teachers Training College, Rajasthan, 05th September 2020.
3. Successfully attempted a Quiz on “Information Communication Technology (ICT)”, conducted by Bharat College of Engineering, Badlapur, 18th August 2020.
4. Successfully completed the online “Quizophile Astronomy quiz”, conducted by Department of Physics, School of Science and Humanities, Sathyabama Institute of Science and Technology, Chennai, 24th July 2020.
5. Participated and successfully completed the “National level E - Quiz on Basic Physics” organized by Department of Physics, Lekshampuram College of Arts and Science on 30th June 2020.
6. Participating in Webinar Series “Self reliance in Career and Exploring dimensions of life”, Jointly organized by Department of Electronics and Telecommunication, PCCOE Pune in association with IETE Pune Chapter and IET Pune Local Chapter from 27th to 28th June, 2020.
7. National webinar on “Physical Fitness and Wellness Holistic Approach for Healthy Life during Covid-19”, organized by Department of Physical Education in collaboration with IQAC, 24th June 2020.
8. Participated in online quiz on “General Knowledge Quiz 2020”, organized by Department of Political Science, Yeshwantrao Chavan College, Sillod, 21st June 2020.
9. Participated in online quiz for “BLOOD DONATION AWARENESS”, organized by Regent Institute of Science & Technology, Kolkata, 15th June 2020.
10. Participated in online quiz on “Awareness Quiz on Effect of Renewable Energy Sources on Society and Environment in India”, organized by Department of Applied Science and Humanities, Rajkiya Engineering College, Ambedkar Nagar, 12th June 2020.

11. Participated in online quiz on “Electricity and Magnetism”, organized by Department of Physics and IQAC, 8th June 2020.
12. Successfully participated in Online Quiz organized by Gajananrao Pandurang Patil College of Arts & Sci (IT) & Internal Quality Assurance Cell, 7th June 2020.
13. Successfully attempted a “Quiz on Awareness of COVID-19 through Non-Verbal Communication”, organized by FESA (ANKUR -2k19) & Department of Basic Sciences and Humanities, Sharad Institute of Technology College of Engineering, Yadrav, 6th June 2020.
14. Online meditation workshop on “International Yoga Day 2020”, organized by Rajarambapu College of Pharmacy, Kasegaon, 05th June 2020.
15. Participated in the COVID-19 Awareness Quiz with 85% marks Organised by IQAC, Kishori Raman (P.G.) College, Mathura, Uttar Pradesh, to spread awareness about COVID-19 pandemic, 05th June 2020.
16. Participation in “Environment Awareness online quiz” organized by Bipin Bihari College, Jhansi (U.P.) India, on the occasion of "WORLD ENVIRONMENT DAY", 05th June 2020.
17. Participated in online quiz on “National Level Quiz on AI and Robotics”, organized by Department of Mechanical Engineering, Holy Mary Institute of Technology and science, 3rd June 2020.
18. Excellent performance in the e-Quiz on “COVID Awareness”, organized by Department of Applied Science and Humanities, Jhulelal Institute of Technology, Nagpur, 3rd June 2020.
19. Participated in International level Viral e-Quiz - nCovid-19 (SARS-CoV-2), organized by Transgenix Club, Department of Biotechnology, 2nd June 2020.
20. Participated in the National level quiz on “Renewable Energy and Energy, Harvesting”, organized by Govt Model Degree College, Sirmaur, Himachal Pardesh, May 2020.
21. Participated in online quiz on “C-Optics-19” organized by Department of Physics and IQAC, C. S. Bembalagi Arts, Sha. M. R. Palaresha Science & G. L. Rathi Commerce, Degree College, Ramdurg, 31st May 2020
22. Participating in the International webinar “Blockchain Demystified” Organized by Sinhgad Institute of Technology, Lonavala, The high Voltage Club, 30th May, 2020.

23. Participated in the Webinar on “Developing Career Oriented Skills during Pandemic Period” organized by Department of Applied Science, 30th May 2020.
24. Participated in e-Quiz on “Universal Human Values and Professional Ethics”, organized by Department of General Science of Smt. Kamala and Sri Venkappa M Agadi College of Engineering and Technology, Lakshmeshwar, 28th May 2020.
25. Successfully completed online quiz on “LASER and Optical Fiber”, conducted by Department of Humanities and Applied Science with passing score of 100%, 26th May 2020.
26. Participated in the online faculty development programme (FDP) on AWARENESS OF COVID-19 AND ICT TOOLS organized by Department of Basic Sciences and Humanities from 25th - 30th May 2020.
27. Successfully completed GATE awareness webinar-career options and benefits organized by Department of Electronics and Telecommunication Engineering, SCSCOE, Pune, 22th May 2020.
28. Successfully attained ADCET webinar series, organized by Department of Basic Sciences, Annasaheb Dange College of Engineering & Technology, Ashta, 21th -26th May 2020.
29. Participated in online quiz on “Basic computer Quiz level-1”, organized by Department of Computer Science, VSS College, Jalna, 21st May 2020.
30. Participated in “Online National Level Quiz Based on Electrical Engineering”, organized by Department of Humanities & Applied Sciences, K. C. College of Engineering & Management Studies & Research, Thane (E), 21st May 2020.
31. National e-seminar on “Bioprospecting Through Apiculture: Post Covid-19 Scenario in India”, organized by Saibaba Art and Science College Parseoni, Nagpur, 20th May 2020.
32. Participated in the online Coronavirus Awareness Quiz”, organized by IQAC and Willingdon College Sangli, 19th May 2020.
33. Successfully completing the Quiz on COVID-19 organized by, IQAC under Board of Student Development, Institute of Business Management and Research, Pune, 18th May 2020.

34. Participated in online “Coronavirus (COVID-19) Awareness Programme” organized by School of Chemical Sciences, Punyashlok Ahilyadevi Holkar Solapur University, Solapur, 18th May 2020.
35. Successfully completed Covid-19 Awareness Program Organized by DKTE, Textile and Engineering Institute, Ichalkaranji, 18th May 2020.
36. Participated in online awareness quiz on “Intellectual Property Rights (IPR) & Plagiarism”, organized by Internal Quality Assurance Cell (IQAC), and Sangameshwar College, Solapur, 17th May 2020.
37. Participated in online E-Quiz Program on "Laplace Transform", organized by Department of Mathematics, Marathwada Mitra Mandal Institute of Technology, Lohgaon, Pune, 16th May 2020.
38. Participated in online quiz on “Online General Physics Quiz”, organized by RBNB College, Shrirampur, 14th May 2020.
39. Successfully completed Covid-19 Quiz Contetst organized by Regional College of Pharmacy, Rajasthan, 09th May 2020.
40. Successfully completed Management and Economics Covid-19 Quiz organized by Department of Commerce and Management, University of Technology, Rajasthan, 09th May 2020.
41. Participated in the “Physics Online Quiz”, organized by Department of Physics, MASS College of Arts and Science, Chennai, 6th May 2020.
42. Successfully completed e-Learning Skills Enhancement Quiz organized by University of Technology, Rajasthan, 05th May 2020.
43. Participated in webinar on “Impact of COVID19 on future investment pattern of investors” and Passed with 80% Percent in Quiz on “Impact of COVID19 on future investment pattern of investors” organized by Bhagwan Mahavir College of Management, 28th April 2020.
43. Participated in Cervical Cancer Screening Camp organized by Dakshin Bharat Jain Mahila Parishad, Sangli, at SITCOE, Yadrav, 20th August 2017.
44. Working as organizing committee member in 2ndInternational Conference on Recent Challenges in Engineering and Technology, at SITCOE, Yadrav, 23rd – 24th February, 2017.
45. Participated in state level world AIDS day programme rally organized by NSS.

46. Attending 7th annual meet of Shivaji University Physics students organized by the school of energy studies.

REFERENCES:

- 1) Dr. (Mrs) Vijaya Puri
Professor and UGC Research Scientist 'C',
Shivaji University, Kolhapur.
Email: vrp_phy@unishivaji.ac.in
- 2) Dr. L.D. Jadhav
Professor and Head of Department
Rajaram College, Kolhapur.