

Faculty Profile  
**MR. SHARIQUE SHOAIB SHAIKH**



Designation : Assistant Professor  
Department of Physics,  
Late Ku. Dugra K. Banmeru Science  
College, Lonar

Highest Qualifications : M.Sc. (Physics), B.Ed., M. Phil.,

Date of Joining : 09-06-2009

Present Status : Assistant Professor in Physics

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**RESEARCH CORNER:-**

**Research Paper Published in “National and International Journals”**

1. A paper entitled “Role of IQAC for improving quality education in Higher Educational Institutions.” Has got published in , A referred and index E-journal approved by National institute of Science communication and information resources (NISCAIR), new man international journal of multidisciplinary studies , ISSN 2348-1390, UGC approved journal no- 45886 , vol. no I, II , issue on 1 Jan. 2017; page 197

2. A Research paper entitled “ THE INTERACTING AMMINO ACID OF ENVELOPE PROTEIN” in Journal of Advances and Scholarly Researches in Allied Education (Internationally indexed peer reviewed and Refereed journal) , impact factor 3.46, Vol-17, Issue-1, ISSN: 2230-7540, 02 April 2020 (Ignited minds)

3. A Paper entitled “ The Impact of Corona Virus (Covid-19)on Agriculture Sector of India” Publish in One Day Interdisciplinary National E-Conference on Covid-19 and It's Impact on the Various factor. 26<sup>th</sup>. May 2020, ISBN:978-81-922797-4-7. Organized by MES Arts and Commerce College, Mehkar , Dist. Buldana , M.S. Edition I

3. A paper entitled “A Study of Linear and Mass Attenuation Coefficient of Some Salts Sample for Gamma Rays at different Energies” in IOSR Journal of Applied Physics(IOSR-JAP), ISSN- 2278-4861, Vol. 12, issue-3, ser.I (May-June 2020), PP01-06 DOI : 10.9790/4861-1203010106

5. A Research paper entitled “ HIV AIDS TYPES, GROUPS AND SUBTYPES” in Journal of Advances and Scholarly Researches in Allied Education (Internationally indexed peer reviewed and Refereed journal) , impact factor 3.46, Vol-18, Issue-1, ISSN: 2230-7540, 02 January 2021 (Ignited minds)

**Attended & presented a paper in “National and International Conferences/Workshop/Seminar”**

1. Attended the National Conference on **Material Science: Trends & Future 2010** Organized by Department of Physics Vidhya Bharati Science College Amravati on January 06-07, 2010.

2. Attended National level Conference on “**Developing Frontiers of Physics, Astronomy and Space Sciences “ DFPASS-2010** Organized by Dept. Of Physics and Mathematics, Shri Radhakisan Laxminarayan Toshniwal College of Science, Akola. – 24 and 25 September 2010

3. Attended the Workshop on “ **Enhancement of Training And Placement Skills of Training and Placement Officers.** Organized by Department of Students Welfare, Career and Counseling Cell, Sant Gadge Baba Amravati University , Amravati – 03 rd August 2011

4. Attended UGC sponsored Two days National Conference on “**Microwave Techniques and Applications (NCMTA)**” organized by Dept. of Physics and Electronics, Maulana Azad college of Arts, Science and Commerce, Aurangabad – 29, 30 Nov. 2013

5. Attended UGC sponsored “**National Level Two Days Laboratory Workshop on Physics for UG Teachers**” Organized by Dept. of Physics, Shri Shivaji Science college, Amravati in collaboration with IAPT and AUPTA. – 27,28 June 2014

6. Attended A Workshop for “**Orientation of Physics Teachers on Revision and Restructuring of UG Physics Syllabi (AUPTA)**” Vidya Bharati Mahavidyalaya. Amravati - 22 January 2017

7. Attended **Workshop on NAAC Assessment and Accreditation process**” Organized by The Berar general education society, rLT college of Science, Akola- 23 July. 2017.

8. Attended the UGC sponsored **One Day National Seminar on “Revised Accreditation Framework**” organized by IQAC, Shri Shivaji Science college, Parbhani – 01 Sept. 2017.

9. Attended Workshop on “**NAAC Accreditation awareness workshop**” Organized by IQAC, SGBAU & Shri Shivaji college of Arts, Commerce & Science , Akola- 24 Nov. 2017.

10. Attended the NAAC sponsored One Day Workshop on “ **Revised NAAC Framework and E-Documentation** – Organized by IQAC, D.M. Burungale Science and Arts College, Shegaon Dist. Buldana- 25<sup>th</sup> July 2019.

11. Attended 26<sup>th</sup>. International conference (Online) of International Academy of Physical Science on “**Advances in Physics**” held at Gondwana University , Gadchiroli – 18-20 December 2020

12. Attended Three Days Workshop (Online) on “**3D Animation and Graphics**” held at N.S. Bose College, Nanded – 10<sup>th</sup>. To 12<sup>th</sup>. May 2021

13. Attended webinar (Online) on “**Effect of Neurofeedback training on Response Conflict**” organized by the Department of Electronics and Communication Engineering at Dr. Ambedkar Institute of Technology, Bengaluru.- 09<sup>th</sup>. June 2021

14. Attended One Day Webinar on “**Herbal Medicines**” Organized by Department of Botany, Late Ku. Durga K. Banmeru Science College, Lonar. Dist. Buldana. Maharashtra. 30<sup>th</sup> July, 2020

15. Attended one day International Webinar on “**Effect of Covid- 19 on Mental Health: Exploring Present and Future Perspectives**” Organized by Anuradha Group of Pharmacy Institute , Chikhli Dist. Buldana- 23<sup>rd</sup> May 2020

16. Actively participated in International E-webinar on “**Recent Trends in Chemical & Physical Sciences**” organized by department of Chemistry, Nilkanthrao Shinde Science & Arts College, Bhadrawati. - 28th September 2021

17. Attended International Webinar on “**Frontiers on Experimental Physics (IWFEP- 2020)**” Organized by the Department of Physics , Farook college (Autonomous) Kozhikode , Kerala – 5-6<sup>th</sup>. August 2020.

18. Attended International Webinar on “**Pandemic Covid -19 changes and Challenges in society with special reference to Higher Education**” organized by BB Arts, N.B Commerce and B.P Science college , Digras, Yavatmal – 5<sup>th</sup>. June 2020

19. Attended International Webinar on “**60 Years of LASER**” Organized by Department of Physics, Jamshedpur Women’s college, Jamshedpur- 26<sup>th</sup>. June 2020

20. Attended online **"NAAC Awareness Programme for Faculty"** organized by Marathwada Mitra Mandal Institute of Technology (MMIT), Lohgaon, Pune - 47 - 08 to 14 May 2020.
21. Attended national level Webinar **"Social Research Methodology"** organized by Late Pushpadevi patil arts and science college, Risod – 09<sup>Th</sup>. May 2020
22. Attended One Day National Webinar on **"Recent Advances in Nanomaterials"** organized by Department of Physics, Arts, Commerce and Science College, Chikhaldara – 05<sup>Th</sup>. December 2020
23. Attended National Level Webinar on **"ICT for Effective Teaching & Learning"** organized shri R.R. Lahoti Science college, Morshi on 2nd June, 2020.
24. Attended National Level Webinar on **"Learn Latex : To Lead the Latest"** organized shri R.R. Lahoti Science college, Morshi on 18<sup>Th</sup>. June, 2020.
25. Attended National Webinar on **"Career Opportunities in Physical and Mathematical Sciences for U.G. and P.G. students"** organized by Department of Physics, Department of Mathematics and IQAC of Shri Shivaji Science and Arts College, Chikhli, Dist. Buldana – 29<sup>Th</sup>. July 2020.
26. Attended One Day International Workshop **"Nanomaterials Synthesis is Emerging Facet of the World"** organized by Late Pushpadevi patil arts and science college, Risod – 20<sup>Th</sup>. May 2020
27. Attended One Day Online National Workshop **"Intellectual Property Rights (IPR)"** organized by Late Pushpadevi patil arts and science college, Risod – 20<sup>Th</sup>. August 2020
28. Attended one day NAAC approved Webinar on **"Assessment and Accreditation process of NAAC"** organized by Maulana Azad College of Arts, Science and Commerce, Aurangabad – 29<sup>Th</sup>. Sept. 2020.
29. Attended Online Workshop on **"Academic Book Writing and Related Topics"** organized by Springer Nature – 28<sup>Th</sup>. May 2020.
30. Attended International Virtual Conference on **"Material and Nanotechnology (IVCMN-2021)"** organized by Guru Nanak College of Science Ballarpur Dist. Chandrapur and P.R. Pote college of engineering and Management, Amravati – 29-30 April 2021.
31. Attended International E-Conference on **"Sustainable and Futuristic Materials (SFM-2021)"** organized by International Research Centre and Department of Chemistry, Kalasalingam Academy of Research and Education, Krishnakoli, J.M. Patel college, Bhandara and Kamla Nehru College, Nagpur – 29-30 Nov. 2021
32. Attended International E-Conference on **"Strategies and Challenges in Higher Education during Covid-19 Lockdown Period in India with reference to the World"** organized by Govt. of Maharashtra - Government Vidarbha Institute of Science and Humanities, Amravati – 15 – 17 May 2020.
33. Attended One Day Online Workshop on **"NAAC- Revised Assessment and Accreditation Framework"** organized by State Project Directorate RUSA Maharashtra and Office of Joint Director, Higher Education, Nagpur Region, Nagpur – 18<sup>Th</sup>. June 2020.
34. Attended National Webinar on **"NAAC Awareness Program for Affiliated Colleges"** organized by Shri Shivaji Arts and Commerce College, Amravati – 22<sup>Nd</sup>. May 2020.
35. Attended One Day national level Webinar on **"Challenges in Higher Education Due to Covid-19"** organized by LKDKB Science College, Lonar, Dist. Buldana – 16<sup>Th</sup>. June 2020.
36. Attended One Day National Webinar on **"Recent Trends in Nanotechnology and it's Applications"** organized by S.S.S.K.R. Innani College, Karanja Lad, Dist. Washim – 17<sup>Th</sup>. June 2020.

37. Attended National Webinar on “**Fundamentals of Botany**” organized by Department of Botany , LKDKB Science College, Lonar Dist. Buldana – 16<sup>Th</sup>. July 2020.

38. Attended National Webinar on “**Psychological Stress on Students due to Corona Virus Pandemic**” organized by LKDKB Science College , Lonar and Jivan Vidya Mission , Mumbai – 25<sup>Th</sup>. July 2020

39. Attended online Workshop on “**Financial Education**” organized by LKDKB Science college, Lonar and B. Raghunath College, Parbhani – 8<sup>Th</sup>. Dec. 2021

40. Attended National Webinar on “**Research Ethics and Patent Filing** “ organized by Amlokchand Mahavidyalaya , Yavatmal – 27<sup>Th</sup>. Jan. 2022

41. Attended Webinar on “**New Education Policy 2020 – Highlights and Major Challenges**” organized by LKDKB College , Lonar and Legendary Lectures Academus Technologies Pvt. Ltd. Jalgaon – 5<sup>Th</sup>. Sept. 2021

42 Attended Webinar on “**Fostering Research Environment in Academic Institution**” organized by Arts and Commerce college , Warwat Bakal , Dist. Buldhana – 6<sup>Th</sup>. June 2020.

**Course Completed / Academic Staff College Orientation / Refresher course attended:**

<b>Sr. No.</b>	<b>Name of the course/ Summer school</b>	<b>Place</b>	<b>Duration</b>	<b>Sponsoring agency</b>
1	Refresher Course	UGC- Human Resource Development Center Dr. BAMU, Aurangabad (M.S.) 431004	3 <sup>rd</sup> July. 2017 To 22 <sup>th</sup> July. 2017	UGC- Human Resource Development Center Dr. BAMU, Aurangabad (M.S.) 431004
2	121 <sup>th</sup> Orientation Course	UGC- Human Resource Development Center Dr. BAMU, Aurangabad (M.S.) 431004	01 Jan. 2019 To 30 Jan. 2019	
3	E-content Short term Course (Use of physics in daily life)	Online mode	26 <sup>Th</sup> . April to 02 <sup>nd</sup> . May 2020	Shri Vyankatesh ASC college, D.Raja
4	One week National level FDP	Online mode	26 <sup>Th</sup> . April To 01 <sup>st</sup> . May 2021	Kamala Nehru Mahavidyalaya , Nagpur
5	Short Term Course and (Astronomy and Astrophysics)	Online mode	07 <sup>th</sup> . May to 10 <sup>Th</sup> . May 2020	RLT Science college, Akola
6	5 Days National FDP	Online mode	11 <sup>Th</sup> . May to 15 <sup>Th</sup> . May 2020	Department of Physics, Institute of Science, Shri vaishnav Vidyapeeth Vishwavidyalaya , Indore
7	One week UGC Paramarsh	Online mode	21 <sup>st</sup> . to 26 <sup>Th</sup> .	Shri Shivji College, Parbhani

	FDP		May 2020	
8	10 Days FDP	Online mode	21 <sup>st</sup> . May to 30 <sup>th</sup> . May 2020	KTHM college, Nashik and HRDC, SPP University , Pune
9	One week online Multidisciplinary FDP	Online mode	28 <sup>th</sup> . May to 03 <sup>rd</sup> . June 2020	Government First Grade College, Hungund, Karnataka
10	One week national FDP	Online mode	22 <sup>nd</sup> . To 26 <sup>th</sup> . June 2020	Hyderabad Institute of Technology and Management
11	One week National level FDP	Online mode	29 Th. June to 04 <sup>th</sup> . July 2020	Sant Gadge Baba Amravati University, Amravati
12	One week International FDP	Online mode	10 <sup>th</sup> . To 14 <sup>th</sup> . July 2020	Gowindrao Wanjari college of Engineering and Technology , Nagpur
13	Two week national online FDP / Refresher Course	Online mode	20 <sup>th</sup> . March to 03 <sup>rd</sup> . April 2021	Maitreyi College, and Guru Angad dev Teaching learning centre, SGTB Khalsa college University of Delhi
14	Three Months Skill Development International Certificate Course	Online mode	17 <sup>th</sup> . April to 31 <sup>st</sup> . July 2021	Maiteryi College (University of Delhi) and School of Indic studies (Institute of Advanced science) , USA
15	Three days online national FDP	Online mode	08 <sup>th</sup> . To 10 <sup>th</sup> . June 2021	Kamala Nehru Mahavidyalaya , Nagpur

### **BOOK / CHAPTERS:-**

1) Wrote a chapter / manuscript entitled - **GENDER EQUALITY: ISSUES AND CHALLENGES** in book: **Environmental Social Issues Problems and Continuous Development**. By Shriyanshi Prakashan , Agra (U.P ) with ISBN No.

2) Wrote a chapter in book entitled “A Text Book of Nano Science and Technology” published as first edition by RK Publication (Registration under MSME, Govt. of India) with ISBN: 978-93-95331-66-1, year 2022

### **PATENTS:-**

1) Title of Invention- Innovation Indian patent , IPR India – Department of Industrial policy and Promotion, Ministry of commerce and Industry, Govt. of India - **IOT AND BLOCKCHAIN BASED AGRI SUPPLY CHAIN**, Publication date (U/S 11A) 03 / 06/ 2022 , Application number – 202241029483.

2) Title of Innovation – Innovation International Grant Patent- Canadian Copyright **PATENT OFFICE. BUREAU DES BREVETS, CANADA – DETECTION OF SPOOFING VULNERABILITY IN REVOLUTIONARY IOT NETWORK TO AUGUMENT SECURITY MECHANISM**. Publication date- 15 Nov. 2022, Application number - 1195393

## **EXTRA-CURRICULAR ACTIVITIES-**

### **• MEMBERSHIP:-**

- 1] Life Member of Amravati University Physics Teachers Association (AUPTA).
- 2] Member of Shikshan Manch Amravati University

**PORTFOLIO:-** During the period from the date of joining, I have administered the following portfolio

- 1) Member of Local Management Committee
- 2) Head Of Department (since 2009)
- 3) Member of Organizing Committee of National Seminar Of IQAC, 25<sup>th</sup> Sept. 2015
- 4) Co-ordinator , IQAC (2015 to 26 Nov.2019)
- 5) Co-ordinator , Sports and Cultural Committee (2010 to 2018)
- 6) Co-ordinator, "Lek Mazi Ladki Abhiyan" (2010-2017)
- 7) Co-ordinator , Carrier and Counselling Cell (2012 to 2017)
- 8) Co-ordinator , UGC schemes. (2014 to 26 Nov. 2019)

### **• EXPERIENCE:-**

1. 2009-till date Worked as Assistant Professor in Department of Physics at Late Ku. Durga K. Banmeru Science College Lonar, Dist Buldana.
2. External Examiner for practical, Sant Gadge Baba Amravati University, Amravati.
3. Paper Valuation of B.Sc. Examination, Sant Gadge Baba Amravati University, Amravati.
4. Officer in charge, SGBAU, Amravati Examination.
5. Co-officer In charge, SGBAU, Amravati , Examination.
6. Members of Selection Committee of Assistant Professor in Physics

Signature  
(Mr. Sharique S. Shaikh)