



Conferences

1. Attended and made an oral presentation at the 6th China India Japan Korea Mathematical Biology Colloquium cum Conference held at the Department of Mathematics and Statistics, IIT Kanpur from 23rd August to 26th August 2017 on the topic “Epilepsy-Its Chaotic Behaviour and Mathematical Modelling”.
2. Participated in a poster presentation on “Epilepsy-Its Chaotic Behaviour and Mathematical Modelling” at 2nd Institution Day (11th-12th December 2017).
3. Attended and made an oral presentation at the International Conference on Mathematical Modelling and Computations in Bio-Systems held at the Department of Mathematics, IIT ROORKEE from 12th March to 14th March 2018 on the topic “A Mathematical model for *Toxoplasma gondii* and host immune response dynamics”.
4. Attended and made an oral presentation at the One-day National Conference on Recent Advances in Mathematical Sciences held at DST-Centre of Interdisciplinary Mathematical Sciences, on 22nd April 2018 on the topic “Dynamics of *T. gondii* within-host and between-host”.

5. Attended and made an oral presentation at the International Conference on Frontiers in Industrial and Applied Mathematics (FIAM-2018) held at the Department of Mathematics, NIT Hamirpur (H.P.) from 26th April to 27th April 2018 on the topic “Mathematical Modeling of Toxoplasma Gondii and Host Immune Response”.
6. Attended workshop on Differential Equation, Bifurcation and Chaos with Numerical Simulation in MATLAB 27th-28th October 2018 at the Department of Mathematics, Banaras Hindu University, Varanasi.
7. Attended “International Conference on Neuroscience and XXXVI Annual Meeting of Indian Academy of Neurosciences” from 29th -31st October 2018 on “Translation Research in Improving Mental Health” at Centre of Advance Study, Department of Zoology, Banaras Hindu University, Varanasi.
8. Attended AIS in Mathematical Biology, 2018 at The Institute of Mathematical Sciences, Chennai -600113 from 3rd December to 15th December 2018.
9. Attended workshop on “Exploring Some Applications of Mathematical Sciences” from 19-20 January 2019 at the Department of Mathematics, Banaras Hindu University, Varanasi.
10. Attended and made an oral presentation at the National Conference on Recent Advances in Mathematics and Scientific Computing (RAMSC-2019) held at the Department of Applied Sciences, MMMUT, Gorakhpur from 5th April to 6th April 2019 on the topic “Periodic External Currents and Transmission of Neural Signals”.
11. Attended and made an oral presentation at “Second International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2019)” held at Pokhara, Nepal from 27th June 2019 to 30th June

2019 on the topic “Effect of External Applied Current on Neural Signals and Bifurcation Analysis”.

12. Attended and made an oral presentation at “Second International Conference on Mathematical Modelling, Applied Analysis and Computation (ICMMAAC-2019)” held at JECRC, Jaipur from 8th August 2019 to 10th August 2019 on the topic “Mathematical Perspective of Hodgkin-Huxley Model and Bifurcation Analysis”.
13. Attended and made an oral presentation the 35th Annual Conference of the Mathematical Society –BHU on “Advancements in Mathematical Analysis and their Application” (AMATA-2019), in the Department of Mathematics, Institute of Science, Banaras Hindu University-Varanasi from 11th November 2019 to 12th November 2019.
14. Attended the two-day International Workshop on “Numerical Methods in Scientific Computing”, during 21st -22nd February 2020 at South Asian University, New Delhi, India.
15. Attended the National Webinar on “Impact of Lockdown on Biodiversity” on 5th June 2020 organized by SKMU, Dumka, Jharkhand.
16. Attended the one-day Webinar on “Academic Publishing and Enhancing Research Effectiveness” on 9th June 2020 organized by Dr. Zakir Husain Library, Jamia Millia Islamia, New Delhi.
17. Attended the one-day National Webinar on “Application of Algebra and Analysis” on 14th June 2020 organized by the Department of Mathematics, Shri Muktanand College, Aurangabad.
18. Completed an online non-credit course on “COVID-19 Contact Tracing” organized by Johns Hopkins University offered through Coursera on 14th June 2020.

19. Attended the one-day National Webinar on “Research Methodology” on 15th June 2020 organized by Research Center Political Science and Economics, Yashwantrao Chavan College, Nagpur.
20. Attended the Webinar on “Linear Regression” on 15th June 2020 organized by Dr. Shivanand Nautiyal Government Post Graduate College, Karan Prayag, Chamoli (Uttarakhand).
21. Attended three days International Webinar on “Google Mathematical Tools in Research: Theory and Applications”, from 15th – 17th June 2020 organized by the Department of Mathematics (FOECS) TMU, India.
22. Attended the Webinar on “Developing Leadership Skills” on 18th June 2020 organized by De. Shivanand Nautiyal Government Post Graduate College, Karanprayag, Chamoli (Uttarakhand).
23. Attended the Faculty Development Programme on “Role of LaTeX in Scientific Writing” from 19th -21st June 2020 organized by the Department of Mathematics, Babu Banarsi Das Nothern India Institute of Technology, Lucknow.
24. Attended a one-week online Faculty Development Programme on “Mathematics: A Practical Approach in Science and Technology”, from 28th June – 3rd July 2020 organized by the Department of Basic Science and Humanities, Deogiri Institute of Engineering and Management Studies, Aurangabad (Maharashtra).
25. Attended and made an oral presentation at a three-day international web conference (CMSIM 2020) on “Chaotic Modeling and Simulation”, from 22nd October – 24th October 2020 organized by Athens, Greece on the topic “Sensitivity of Dynamics of Toxoplasma Gondii and Host Immune Response”.

26. Attended and made an oral presentation at a three-day international conference (ICAMNM 2020) on “Applied Mathematics and Numerical Methods”, from 29th October – 31st October 2020 organized by the Department of Applied Mathematics, Faculty of Science, University of Craiova, Romania on the topic “Impact of External Applied Currents in BVP Model”.