

CURRICULUM VITAE



Dr. SACHIN KAOTHEKAR (Department of Physics)

Sr. Assistant Professor, Department of Physics,

Medi-Caps University, Indore-453331, M.P., India.

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Address: - 23, Rajaswa colony, Madhav-Nagar Ujjain-456010, (M.P.), India

CAREER OBJECTIVE:

Teaching and Research

PERSONAL PROFILE:

Date of birth	: 11 th January 1978
Father's name	: Shri P.K. Kaothekar
Mother's name	: Smt. Rajni Kaothekar
Marital status	: Married
Nationality	: Indian by birth
Religion	: Hindu

EDUCATIONAL QUALIFICATION:

- **Certificate in Online Course on VUCA Leadership**, Great Learning Academy, Mumbai India.
- **Certificate in Mastering Leadership Skills to Become a Good Leader**, NBVTE & EBVTE, Mumbai.
- **Certificate in Mastering Strategic Management Skills to Become a Good Leader**, NBVTE & EBVTE, Mumbai.

- **Certificate in Mastering Team Management Skills to Become a Good Team Leader**, NBVTE & EBVTE, Mumbai.
- **Certificate in Learn Fast-Be a Great Team Leader and Boost Carrier Success**, from Udemy, San Francisco, CA, USA
- **Certificate in Leadership and Team Development**, from International Business Management Institute, Berlin, Germany
- **Ph.D. (Plasma Physics)**, 2012, S.S. in Physics, Vikram University Ujjain, (M.P.) India. Under the Supervision of Dr. R.K. Chhajlani. Thesis Title “**A Study of Gravitational Instability of Gaseous and Dusty Plasma**”
- **M.Sc. (Physics)** from School of Studies in Physics, Vikram University Ujjain (M.P.), year (Mar-Apr 2000) with 65% (Aggr.).
- **B.Ed.** from L.T. College of Education, Vikram University Ujjain (M.P.), year (Mar-Apr 2002) with 74% (Aggr.).
- **B.Sc. (PCM)** from Madhav Science College, Vikram University Ujjain (M.P.), year (Mar-Apr 1998) with 57% (Aggr.).
- **Higher Secondary Certificate Examination** from Lokmanya Tilak School, M.P. Board Bhopal, year (March 1995) with 50% (Aggr.).
- **High School Certificate Examination** from Lokmanya Tilak School, M.P. Board Bhopal, year (March 1993) with 65% (Aggr.).

TEACHING AND RESEARCH EXPERIENCE (19 YEARS):

- Working as an Assistant Professor in Department of Physics, Medi-Caps University, Indore- 453331, M.P., India. DOJ: 21-02-2022 to Up till date
- Worked as Director Administration & Professor Physics (HOD), Prashanti Group of Institutions, Ujjain. DOJ: 19-07-2021 to till date
- Worked as an Associate Professor and Head in Engineering Physic Department in MITM Ujjain. DOJ: 01-01-2017 to 12-06-2021
- Worked as an Associate Professor and Head Engineering Physic Department in MITS Ujjain. DOJ: 01-05-2014 to 31-12-2016.

- Worked as an Associate Professor in Engineering Physic Department in MIT Ujjain. DOJ: 16-08-2013-to 30-04-2014.
- Worked as Reader in Engineering Physic Department in MIT Ujjain from. DOJ: 26-05-2011 to 15-08-2013
- Worked as Senior Lecturer in Engineering Physic Department in MIT Ujjain. DOJ 16-08-200725-05-2011.
- Worked as Lecturer in Engineering Physic Department in MIT Ujjain. DOJ 16-08-2003 to 15-08-2007.
- Worked as Lecturer in Oxford Junior College Ujjain. DOJ: 01-07-2003 to 15-08-2003.
- Worked as Lecturer in St. Meera's Convent H S School Ujjain. DOJ: 01-07-2002 to 30-04-2003.

FIELD OF RESEARCH WORK:

- Plasma Instabilities, Astrophysical Plasma Physics, Molecular Cloud Formation and Star Formation.

PUBLISHED BOOKS:

(1) Recent Quest on Gravitational Instability of Gaseous and Dusty Plasma

Sachin Kaothekar and R.K. Chhajlani

LAP Lambert Academic Publishing Deutschland Germany, ISBN: 978-3-659-95663-8

(2) An Introduction to Molecular Clouds

Sachin Kaothekar (Editor & Author)

NOVA SCIENCE PUBLISHERS, INC., New York, USA, ISBN: 978-1-53619-178-3

PUBLISHED CHAPTERS IN BOOKS:

1. Springer International Conference on Trends in Modern Physics 2021, Department of Physics, Assam Don Bosco University 27-27 February 2021.

Chapter entitled “Frictional Effect of Neutrals Hall Current and Radiative Heat-loss functions on Thermal Instability of Two-Component Plasma”.

2. Plasma Science and Technology, IntechOpen, London, UK.

DOI:10.5772/intechopen.99924

Chapter entitled “Transverse Thermal Instability of Radiative Plasma with FLR Corrections for Star Formation in ISM”.

3. An Introduction to Molecular Clouds, Nova Science Publishers, Inc. ISBN: 978-1-53619-178-3

Chapter entitled “Jeans instability of rotating plasma with radiative heat-loss function and FLR corrections flowing through porous medium for molecular cloud configuration”.

4. An Introduction to Molecular Clouds, Nova Science Publishers, Inc. ISBN: 978-1-53619-178-3

Chapter Entitled “Molecular cloud formation Via thermal instability of viscous Partially-ionized plasma With neutral collision and radiative Heat-loss function in an interstellar medium”.

RESPONSIBILITIES WITH ACADEMIC WORK:

1. Exam Assistant Superintendent in Medi-Caps University Examination 1 Year.
2. Exam Superintendent in RGPV Examination 2 Year & Assistant Superintendent in RGPV Examination 5 Years.
3. Boys Hostel Chief Warden 1 year.
4. First Year In-charge 7 years.
5. Sports In-charge 4 years.
6. Counseling In-charge 7 years.
7. Assistant Bus In-charge 4 years.
8. Student Section In-charge 4 years.
9. Scholarship In-charge 2 years.
10. Officer In-charge Administration 3 years.

LIST OF INTERNATIONAL PUBLICATIONS:

1. Self-gravitational instability of partially ionized plasma with radiative effects

- Sachin Kaothekar** and R.K. Chhajlani, *Journal of Physics Conference Series*, vol.208, 012044(2010). doi.org/10.1088/1742-6596/208/1/012044. IF=0.54. (ISSN Number: 1742-6596)
2. Self-gravitational instability of rotating viscous Hall plasma with arbitrary radiative heat-loss functions and electron inertia
R.P. Prajapati, R.K. Pensia, **Sachin Kaothekar** and R.K. Chhajlani, *Astrophysics and Space Science*, vol. 327, 139 (2010).doi:10.1007/s10509-010-0273-6 IF=1.885. (ISSN Number: 1572-946X)
 3. Gravitational instability of radiative plasma with finite Larmor radius corrections
Sachin Kaothekar and R.K. Chhajlani, *Journal of Physics Conference Series*, vol. 365, 012053(2012). doi: 10.1088/1742-6596/365/1/012053 IF=0.54. (ISSN Number: 1742-6596)
 4. Effect of radiative heat-loss function and finite Larmor radius corrections on Jeans instability of viscous thermally conducting self-gravitating astrophysical plasma
Sachin Kaothekar and R.K. Chhajlani, *ISRN Astronomy and Astrophysics*, vol. 2012, Article ID 420938, 14 Pages. doi: org/10.5402/2012/420938. IF=0.35. (ISSN Number: 2090-4738)
 5. Jeans instability of radiating thermally conducting self-gravitating fluid
Sachin Kaothekar, Garima Gadkari and R.K. Chhajlani, *British Journal of Engineering & Technology*, vol. 1, (2) 33-51 (2012). (ISSN Number: 2326-425X)
 6. On Interaction in Dark Matter
G.K. Upadhyaya, Rakesh Sharma, S. Sharma, M. Thakrey, **Sachin Kaothekar**, *The ICFAI University Journal of Science and Technology*, vol 4, 56 (2008). (ISSN Number: 0973-2268)
 7. Effect of neutral collision and radiative heat-loss function on self-gravitational instability of viscous thermally conducting partially ionized plasma
Sachin Kaothekar and R.K. Chhajlani, *AIP Advances*, vol. 2, 042191 (2012). doi.org/10.1063/1.4773348. IF=1.579. (ISSN Number: 2158-3226)
 8. Jeans instability of self-gravitating partially-ionized Hall plasma with radiative heat-loss functions and porosity
Sachin Kaothekar and R.K. Chhajlani, *AIP Conference Proceedings*, vol. 1536, 1288 (2013). doi.org/10.1063/1.4810713. IF=0.40. (ISSN Number: 1551-7616)
 9. Effect of porosity and FLR corrections on Jeans instability of self-gravitating radiative thermally conducting viscous plasma
Sachin Kaothekar and R.K. Chhajlani, *Journal of Porous Media*, vol. 16, (8) 709-724

(2013). **doi:** 10.1615/JPorMedia.v16.i8.30. **IF=1.752. (ISSN Number: 1091028X)**

10. Jeans instability of self-gravitating rotating radiative plasma with finite Larmor radius corrections
Sachin Kaothekar and R.K. Chhajlani, *Journal of Physics Conference Series*, vol. **534**, 012065 (2014). **doi.org/10.1088/1742-6596/534/1/012065. IF=0.54. (ISSN Number: 1742-6596)**
11. Jeans instability of partially-ionized self-gravitating viscous plasma with Hall effect FLR corrections and porosity.
Sachin Kaothekar, G.D. Soni, R.P. Prajapati and R.K. Chhajlani, *Astrophysics Space Science*, **361**, 204 (2016). **doi:10.1007/s10509-016-2796-y. IF=1.885. (ISSN Number: 1572-946X)**
12. Star Formation via Thermal Instability of Radiative Thermally Conducting Viscous Plasma with FLR Corrections in ISM.
Sachin Kaothekar, *Russian Journal of Astrophysical Research, Series A*, **2**, 4, (2016). **doi: 10.13187/rjar.2016.2.4. IF=0.45. (ISSN Number: 2410-9347)**
13. Star Formation through Thermal Instability of Radiative Plasma with Finite Electron Inertia and Finite Larmor Radius Corrections
Sachin Kaothekar, *AIP Advances*, **6**, 085020 (2016); **doi: 10.1063/1.4961991. IF=1.579. (ISSN Number: 2158-3226)**
14. Effect of Hall Current and Finite Larmor Radius Corrections on Thermal Instability of Radiative Plasma for Star formation in Interstellar Medium (ISM)
Sachin Kaothekar, *Journal of Astrophysics and Astronomy*, **37**, 23 (2016). **doi: 10.1007/s12036-016-9399-4. IF=1.273. (ISSN Number: 0973-7758)**
15. Thermal Instability of Radiative Thermally Conducting Viscous Plasma with FLR Corrections for Star formation.
Sachin Kaothekar, *International Journal of Scientific and Engineering Research*, **7**, 657, (2016). **(ISSN Number: 2229-5518)**
16. Effect of Finite Larmor Radius Corrections on Thermal Instability of Thermally Conducting Viscous Plasma with Hall Current and Finite Electron Inertia.
S. Jain, P. Sharma, **Sachin Kaothekar** and R.K. Chhajlani, *The Astrophysical Journal*, **829**, 122, (2016). **doi:10.3847/0004-637X/829/2/122. IF=6.255. (ISSN Number: 1538-4357)**
17. Molecular Cloud Formation through Transverse Thermal Instability of Radiative Plasma with Finite Electron Inertia and Finite Larmor Radius Corrections.
Sachin Kaothekar, *International Journal of Modern Physics and Applications*, **3**, 57-65 (2016). **(ISSN Number: 1793-656X)**

18. Structure Formation Via Thermal Instability of Radiative Plasma with Finite Electron Inertia and Finite Larmor Radius Corrections
Sachin Kaothekar, *AASCIT Journal of Physics*, 2, 27-34, (2016). (ISSN Number: 2381-1358)

19. Thermal Instability of Radiative Plasma with Finite Electron Inertia and Finite Larmor Radius Corrections for Structure Formation
**Sachin Kaothekar, *Brazilian Journal of Physics*, 46, (6), 689-702, 2016.
doi:10.1007/s13538-016-0456-x. IF=1.082. (ISSN Number: 1678-4448)**

20. Molecular Cloud Formation Via Thermal Instability of Viscous Radiating Plasma with Finite Larmor Radius Corrections
Sachin Kaothekar, *Astrophysics Space Science*, 362, 107 (2017). DOI 10.1007/s10509-017-3085-0. IF=1.885. (ISSN Number: 1572-946X)

21. Thermal instability of Partially-Ionized Viscous Plasma with Hall effect FLR Corrections flowing through Porous Medium
**Sachin Kaothekar, *Journal of Porous Media*, 21(8):679–699 (2018).
DOI:10.1615/JPorMedia.2018017559. IF=1.752. (ISSN Number: 1091028X)**

22. Jeans Instability of Rotating Plasma with Radiative Heat-Loss Function and FLR Corrections Flowing Through Porous Medium.
Sachin Kaothekar, *Astrophysics Space Science*, 365 (5), 80,(2020). DOI:10.1007/s10509-020-03792-8. IF=1.885. (ISSN Number: 1572-946X)

23. Jeans Instability of Radiative Rotating Plasma with FLR Corrections Flowing Through Porous Medium
**Sachin Kaothekar, *Radiation Effects and Defects in Solids*, 175, 2020,
DOI.10.1080/10420150.2020.1812073. IF=0.677. (ISSN Number: 1042-0150)**

24. Jeans Instability of Strongly Coupled Radiative Plasma.
Sachin Kaothekar, *AIP Conference Proceedings*, 2319, 040004 (1-4), (2021). DOI: 10.1063/5.0036997. IF=0.40. (ISSN Number: 1551-7616)

25. Effects of Neutral Collisions and Radiative Heat-loss Functions on Longitudinal Thermal Instability of Partially-ionized Plasma with Finite Electrical Resistivity Effect
**Sachin Kaothekar, S. Mishra and S. Phadke
AIP Conference Proceedings (Accepted)**

26. Effect of Finite Ion Larmor Radius (FLR) Corrections on Thermal Instability of Rotating Radiative Porous Astrophysical Plasma in Interstellar Medium (ISM)
Sachin Kaothekar, A. K. Shukla, S. Mishra, S. Phadke

Journal of Physics Conference Series (Accepted)

27. Effects of Finite Electron Inertia and Neutral Collisions on Thermal Instability of Two-Component Astrophysical Radiative Plasma in Inter Stellar Medium (ISM)
Sachin Kaothekar, A. K. Shukla, S. Mishra, S. Phadke, *1st International Conference on Engineering and Applied Natural Sciences*, **1**, 612-626, 2022. ISBN: 978-625-00-9278-1.
28. Effect of Rotation and FLR Corrections with Radiative Heat-Loss Functions on Transverse Thermal Instability of Astrophysical Porous Plasma in Interstellar Medium (ISM).
Sachin Kaothekar, S. Mishra, S. Phadke, *Chinese Journal of Physics*, **78**, 44-56 (2022).
<https://doi.org/10.1016/j.cjph.2022.05.018>, IF=3.957. (ISSN Number: 0577-9073)
29. A Survey on the Experiments Done For Finding the Nature of Dark Energy in the Universe.
V. Vaidya, **Sachin Kaothekar**, R. Sharma, N. Yadav, K. Jain, P. Dubey, Mukta Shabd Journal, 11 (4), 373-390, (2022).
DOI:10.0014.MSJ.2022.V11I06.0086781.1135423, IF = 4.6. (ISSN No: 2347-3150)

LIST OF NATIONAL PUBLICATIONS:

1. Self-gravitational instability of viscous radiative plasma with Hall current electron inertia and FLR corrections flowing through porous medium
Sachin Kaothekar and R.K. Chhajlani, *Proceedings 1st PSSI-Plasma Scholar's Colloquium* 41-43 (2012)
2. Jeans Instability of partially ionized radiative plasma flowing through porous medium
Sachin Kaothekar and R.K. Chhajlani, *National Conference on Trends and Challenges in Applied Science and Engineering*, Published by Excellent Publishing House New Delhi, pp.151-157, 2014.
3. Self-gravitational instability of rotating plasma with radiative heat-loss function and FLR corrections flowing through porous medium.
Sachin Kaothekar, Shweta Jain, Prerana Sharma and R.K. Chhajlani, *International Conference on High Power Coherent Radiation Generation & Its Interaction With Matter*, Published by Excellent Publishing House New Delhi, pp. 64-68, 2016.
4. Self-gravitational instability of collisional strongly coupled dusty plasma.
Shweta Jain, Prerana Sharma, **Sachin Kaothekar** and R.K. Chhajlani, *International Conference on High Power Coherent Radiation Generation & Its Interaction With Matter*, Published by Excellent Publishing House New Delhi, pp.29-33, 2016.
5. Influence of FLR corrections and rotation on self-gravitational instability of radiative astrophysical plasma
Sachin Kaothekar and R.K. Chhajlani
Journal of Pure and Applied Physics in Press

PAPERS PRESENTED/ACCEPTED IN CONFERENCES/SYMPOSIUM/SCHOOLS:

1. Self-gravitating rotating anisotropic pressure plasma in presence of Hall current with generalized polytrope laws
Sachin Kaothekar, R. P. Prajapati, G. D. Soni, S. Goyal and R. K. Chhajlani
21st National Symposium on Plasma Science & Technology, MNIT Jaipur, 19-22 Dec. 2006.
2. Jeans instability of self-gravitating dusty plasma in the low frequency range
R. K. Chhajlani, **Sachin Kaothekar**, R.P. Prajapati, P. K. Sharma and R. K. Pensia
Bhartiya Vigyan Sammelan, Bhopal, India, 23-25 Nov. 2007.
3. Magnetothermal instability of self-gravitating partially ionized viscous plasma with finite electrical resistivity
Sachin Kaothekar, R. P. Prajapati, G. D. Soni, S. Goyal and R. K. Chhajlani
22nd National Symposium on Plasma Science & Technology, Ahmedabad, 6-10 Dec. 2007.
4. The effect of rotation on magneto-thermal instability of gravitating and non-gravitating plasma
Sachin Kaothekar and R. K. Chhajlani
Fourth M.P. Science Congress-2007, Govt. Holkar Sci. College, Indore, 26-27 Dec. 2007.
5. Effects of collisions and radiative heat-loss function on gravitational instability in a two-component plasma
Sachin Kaothekar, R. Sharma and R.K. Chhajlani
1st Rashtreeya Yuva Vaigyanik Sammelan, Kurukshetra, 28-30 Nov 2008.
6. Self-gravitational instability of partially ionized plasma with radiative effects
Sachin Kaothekar and R.K. Chhajlani
23rd National Symposium on Plasma Science & Technology, BARC Mumbai, 10-13 Dec. 2008.
7. Effect of finite Larmor radius corrections and finite electron inertia on self-gravitational instability of viscous-radiative plasma with Hall current
Sachin Kaothekar and R. K. Chhajlani
24th National Symposium on Plasma Science & Technology, NIT Hamirpur, 8-11 Dec. 2009.
8. Self-gravitational instability of rotating Hall plasma with finite Larmor radius and finite electron inertia
Sachin Kaothekar and R. K. Chhajlani
24th National Symposium on Plasma Science & Technology, NIT Hamirpur, 8-11 Dec. 2009.
9. Effect of dust charge fluctuation on radiative condensation instability of magnetized dusty plasma with dust temperature
Sachin Kaothekar and R. K. Chhajlani
25th National Symposium on Plasma Science & Technology, IASST Guwahati, 8-11 Dec. 2010.
10. Self-gravitational instability of rotating radiative plasma with finite electrical resistivity and

FLR corrections

Sachin Kaothekar and R. K. Chhajlani

National Symposium on Recent Advances in Physics, Govt. Holkar Sci. College, Indore, 15 Feb. 2011.

11. Effect of porosity and FLR corrections on Jeans instability of self-gravitating viscous radiative Plasma

Sachin Kaothekar and R. K. Chhajlani

National Conference on Emerging Interfaces of Physics and Technology, S.S. in Physics, V.U. Ujjain, 28-30 Mar. 2011.

12. Gravitational instability of radiative plasma with finite Larmor radius corrections

Sachin Kaothekar and R. K. Chhajlani

International Conference on Recent trends in Physics, School of Physics, D.A.U. Indore, 4-5 Feb. 2012.

13. Self-gravitational instability of radiative plasma flowing through porous medium

Sachin Kaothekar and R. K. Chhajlani

1st National Conference on "Challenges and Prospective in Engineering, Management and Pharmacy", BM Colleges Indore, 27-28 April 2012.

14. Effect of Neutrals and Radiative heat-loss function on Jeans instability of partially ionized Plasma

Sachin Kaothekar and R. K. Chhajlani

25th Symposium on Plasma Physics and Technology, Czech Technical University in Prague Faculty of Electrical Engg., Department of Physics and Institute of Plasma Physics Academy of Science CR, Prague, 18-21 June 2012.

15. Self-gravitational Instability of Viscous Radiative Plasma with Hall Current Electron Inertia and FLR Corrections Flowing Through Porous Medium

Sachin Kaothekar and R. K. Chhajlani

PSSI-Plasma Scholar's Colloquium, Institute for Plasma Research, Gandhinagar, Gujarat, 3-4 July 2012.

16. Gravitational Instability of Rotating Plasma with Radiative Heat-Loss function And FLR Corrections Flowing Through Porous Medium

Sachin Kaothekar and R. K. Chhajlani

International Conference on Complex Processes in Plasmas & Nonlinear Dynamical Systems, Institute for Plasma Research, Gandhinagar, Gujarat, 6-9 Nov 2012.

17. Jeans instability of self-gravitating partially-ionized Hall plasma with radiative heat-loss functions and porosity

Sachin Kaothekar and R.K. Chhajlani

International Conference on Recent Trends in Applied Physics & Material Science, Govt. College of Engineering & Technology, Bikaner, Rajasthan, 1-2 Feb 2013.

18. Jeans Instability of Self-gravitating Radiative Plasma With Hall Current And FLR Corrections Flowing Through Porous Medium
Sachin Kaothekar and R.K. Chhajlani
3rd National Seminar on Contemporary Scenario in Computer Science Engineering and Engineering Physics, LNCT Indore, 4 Oct 2013.

19. Jeans Instability of partially ionized radiative plasma flowing through porous medium
Sachin Kaothekar and R.K. Chhajlani
National Conference on Trends and Challenges in Applied Science and Engineering, SATI-Vidisha, 23-24 Jan 2014.

20. Jeans instability of self-gravitating rotating radiative plasma with finite Larmor radius corrections
Sachin Kaothekar and R.K. Chhajlani
International Conference on Recent Trends in Physics, School of Physics, D.A.U. Indore, 22-23 Feb. 2014.

21. Recent trends in Nanotechnology and its applications in engineering
Sachin Kaothekar
National Seminar on Recent Trends in Nanotechnology and its Applications, CPTC, Rajsamand, Rajasthan, 13-14 April, 2014.

22. Influence of FLR corrections and rotation on self-gravitational instability of radiative astrophysical plasma
Sachin Kaothekar and R.K. Chhajlani
International Conference on Plasma Science, Technology and Application, School of Applied Sciences, Amity University, Lucknow, 20-21 Jan. 2016.

23. Self-gravitational instability of rotating plasma with radiative heat-loss function and FLR corrections flowing through porous medium
Sachin Kaothekar and R.K. Chhajlani
International Conference on High Power Coherent Radiation Generation and Its Interaction with Matter, Department of Physics, SATI Vidisha, (M.P.), 12-14 Feb. 2016.

24. Self-gravitational instability of collisional strongly coupled dusty plasma.
 Shweta Jain, Prerana Sharma, **Sachin Kaothekar** and R.K. Chhajlani, *International Conference on High Power Coherent Radiation Generation & Its Interaction with Matter*, Department of Physics, SATI, Vidisha (M.P.), 12-14, Feb. 2016.

25. Effect of Hall Current and Finite Larmor Radius on Thermal Instability of Radiative Plasma
Sachin Kaothekar
2nd Cosmological School "Introduction to Cosmology" organized in Kielce Poland at the Jan Kochanowski University on July 11-24, 2016.

26. Jeans instability of strongly coupled radiative plasma.
Sachin Kaothekar

The ISM-SPP Olympian School of Astrophysics 2016, organized by Olampian Centre for Astrophysics, Paralia Katerini, Mount Olympus, Greece, on 3-7 Oct 2016.

27. Thermal instability of radiative plasma with finite electron inertia and finite Larmor radius corrections for molecular cloud formation in interstellar medium (ISM)

Sachin Kaothekar

7th International Workshop on Astronomy and Relativistic Astrophysics (IWARA 2016): Quarks and Cosmos, Gramado, Rio Grande do Sul Serra Gaucha (Centro de Eventos FAURGS) Brazil, 3-9 Oct. 2016.

28. Thermal Instability of Partially-Ionized Plasma with Hall Effect and FLR Corrections Flowing Through Porous Media for Dense Molecular Cloud Formation

Sachin Kaothekar

International Conference on Frontiers of Physics and Plasma Science (FPPS-2016), Department of Physics and Mathematics, UEC Ujjain, 07-08 Nov. 2016

29. Thermal Instability of Radiative Plasma with Finite Electron Inertia And Finite Larmor Radius Corrections

Sachin Kaothekar

13th Asia Pacific Physics Conference and 22nd Australian Institute of Physics Congress Brisbane Convention and Exhibition Centre, Queensland, Australia, 4-8 Dec. 2016.

30. Thermal Instability of Partially-Ionized Viscous Plasma with Hall effect and FLR Corrections for Molecular Cloud Formation in Dense Interstellar medium (ISM)

Sachin Kaothekar

The Bharathiar University, PLASMA-2016, 6-9 Dec. 2016.

31. Thermal Instability of Partially-ionized Radiative Viscous Plasma having Neutral Collision for Molecular Cloud Formation.

Sachin Kaothekar

The 3rd Conference on Astrophysics and Space Science (APSS2017), Bangkok, Thailand, 3-5 Jan. 2017

32. Transverse Thermal Instability of Partially-ionized Plasma with Hall effect and FLR corrections flowing through Porous Media for Molecular Cloud Formation in ISM.

Sachin Kaothekar

Frontiers in Theoretical and Applied Physics/UAE2017, American University of Sharjah, 22-25 Feb. 2017.

33. *2017 International Conference on Engineering Physics and Optoelectronic Engineering*, Thammasat University Rangsit Campus, Bangkok, Thailand, 21-23, April, 2017.

34. Gravitational Instability of Rotating Radiative Plasma with FLR Corrections Flowing through Porous Medium.

Sachin Kaothekar

International Conference on Newfangled Methods of Physics, Chemistry and Mathematics

(ICNMP), Govt. Holkar Science College, Indore, 29-30 March 2019.

35. The Effect of FLR Corrections on Magnetogravitational Stability of Hall Plasma with Thermal Conductivity Flowing Through Porous Medium.

Sachin Kaothekar and R.K. Chhajlani

National Conference on Emerging Interfaces in Physics and Technology, School of Studies in Physics, Vikram University, Ujjain, 29-30 August 2019.

36. Gravitational instability of finitely conducting two-component viscous plasma flowing through porous medium with Hall current and FLR corrections in (ISM).

Sachin Kaothekar

International Conference on Infrared Astronomy and Astrophysical Dust, IUCAA Pune, 22-25 October 2019.

37. Jeans Instability of Radiative Rotating Plasma with FLR Corrections Flowing Through Porous Medium.

Sachin Kaothekar

12th International Conference on Plasma Science and Applications (ICPSA 2019), Department of Physics University of Lucknow, 11-14 November, 2019.

38. Jeans Instability of Strongly Coupled Radiative Plasma.

Sachin Kaothekar

14th Asia-Pacific Physics Conference (APPC-14), Kuching, Sarawak, Malaysia, 17- 22 November 2019.

39. Jeans Instability of Strongly Coupled Finitely Conducting Radiative Plasma.

Sachin Kaothekar

International Conference of Gravitation and Cosmology, IISER Mohali, 10-13 December 2019.

40. Effect of Neutrals and Radiative Heat-loss Functions on Gravitational Instability of Partially-ionized Plasma with Hall Current and Finite Electron Inertia.

Sachin Kaothekar

5th Asia Pacific Solar Physics Meeting, IUCAA Pune, 3-7 February 2020.

41. Gravitational Instability of Hall Plasma with Thermal Conductivity Flowing Through Porous Medium and FLR Corrections.

Sachin Kaothekar

3rd National Seminar on Nonlinear and Complex Phenomena, Center of Plasma Studies and Department of Mathematics, Jadavpur University, Kolkata, 18-19 February 2020.

42. Gravitational Instability of Rotating Plasma with Radiative Heat-Loss Function and FLR Corrections.

Sachin Kaothekar

8th Topical Conference (TC-2020) on Atomic and Molecular Collisions for Plasma Applications, Department of Physics, Indian Institute of Technology Roorkee (IITR),

Roorkee, 3rd to 5th March 2020.

43. Longitudinal Thermal Instability of Two-Component Radiative Plasma with Effect Of Neutral Collisions Hall Current and Electron Inertia In Hydrogen Gas (HI) Region
Sachin Kaothekar
International Asian Congress on Contemporary Sciences-IV, Khazar University, Baku, Azerbaijan, June 26th to 28th, 2020.
44. Longitudinal Thermal Instability of Two-Component Plasma with Effect Of Neutral Collisions Radiative Heat Loss functions and Electron Inertia In Hydrogen Gas (HI) Region
Sachin Kaothekar
International Conference on Innovative Studies of Contemporary Sciences (TOKYO SUMMITT-II), Tokyo, Japan. 17-19 August 2020.
45. Longitudinal Thermal Instability of Two-Component Plasma with Effect of Neutral Collisions Radiative Heat-Loss Functions and Hall Current
Sachin Kaothekar
IWARA2020 Video Conference- 9th International Workshop on Astronomy and Relativistic Astrophysics Mexico-City, 06 -12 September 2020.
46. Molecular Cloud Formation via Thermal Instability of Viscous Partially Ionized Plasma with Neutral Collision and Radiative Heat-loss Function in Inter Stellar Medium
Sachin Kaothekar
International E-Conference on Plasma Theory and Applications (PTS-2020), Department of Pure and Applied Physics, Guru Ghasidas Vishwavidyalaya (Central University), Bilaspur C. G., India, 14-15 September 2020.
47. Thermal Instability of Two-Component Plasma with Radiative Heat-Loss Functions Frictional Effect of Neutrals and Hall Current
Sachin Kaothekar
8th PSSSI-Plasma Scholars Colloquium (PSC-2020), Plasma Science Society of India & Department of Physics, School of Applied Sciences, Kalinga Institute of Industrial Technology (KIIT) Deemed to be University-Bhubaneswar, Odisha, 08-09 October 2020.
48. Longitudinal Thermal Instability of Finitely Conducting Radiative Rotating Porous Plasma with FLR Corrections in Interstellar Medium (ISM) of Astrophysical Interest
Sachin Kaothekar
International Conference on Emerging Trends in Engineering, Science & Technology (ICETEST-2020), Chennai, 26-27 November 2020.
49. Transverse Thermal Instability of Finitely Conducting Rotating Porous Radiative Plasma with FLR Corrections in Interstellar Medium (ISM) of Astrophysical Importance
Sachin Kaothekar
National Conference on Physics & Chemistry of Materials, Department of Physics, Govt. Holkar Science College, Indore, 14-16 December 2020.
50. Thermal Instability of Partially-Ionized Plasma with Radiative Heat-Loss Functions and

Neutral Collisions Effects

Sachin Kaothekar

2nd National Conference on Recent Trends in Applied Sciences and Computing Engineering, School of Advanced Sciences and Languages, VIT Bhopal University, 18-20 December 2020.

51. Thermal Instability of Partially-Ionized Plasma with Frictional Effect of Neutrals Radiative Heat-Loss Functions and Hall Current in HI Region.

Sachin Kaothekar

13th International Conference on Plasma Science and Applications, Asian African Association for Plasma Training & School of Physical Sciences, Ravenshaw University, Cuttack Odisha, 26th December to 28th December 2020.

52. Longitudinal Thermal Instability of Partially-ionized Plasma Radiative with Effects of Neutral Collisions.

Sachin Kaothekar

Virtual International Conference on Physical Sciences (ICPS-2021), Department of Physics, Department of Chemistry, Department of Mathematics & Humanities, Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat, 5th February to 6th February 2021.

53. Effects of Neutral Collisions and Radiative Heat-Loss Functions on Thermal Instability of Partially-Ionized Plasma

Sachin Kaothekar

39th Annual Meeting of Astronomical Society of India, ICTS-TIFR Bengaluru, IISER Mohali, IIT Indore & IUCAA Pune, 18th February to 23rd February 2021.

54. Thermal Instability of Two-Component Plasma with Frictional Effect of Neutrals Hall Current and Radiative Heat-Loss Functions

Sachin Kaothekar

International Conference on Trends in Modern Physics (TiMP-2021), Department of Physics Assam Don Bosco University, Assam, 26th February to 27th February 2021.

55. Longitudinal Thermal Instability of Partially-ionized Plasma with Radiative Heat-Loss Functions and Effect of Neutral Collisions

Sachin Kaothekar

International Conference on Advanced Physics (IEMPHYS-21), Department of Basic Sciences & Humanities, Institute of Engineering & Management, Kolkata, 1st April to 4th April 2021.

56. Self-gravitational Instability of Dusty Plasma with Radiative Cooling Functions and Dust Charge Fluctuations with Dust Temperature.

Sachin Kaothekar

5th Asia Pacific Conference on Plasma Physics, Division of Plasma Physics, Association of Asia-Pacific Physical Societies (AAPPS-DPP 2021), Kyushu University in Fukuoka, Japan, 26th September to 01st October 2021.

57. Effects of Neutral Collisions and Finite Electron Inertia on Thermal Instability of Two-component Radiative Plasma of Astrophysical Importance.
Sachin Kaothekar, Sarvesh Misra and S. Phadke, R. Sarma, and J. Shylla
Two Days National Topical Conference on "Chandra's Contribution in Plasma Astrophysics", School of Physical Sciences, Jawaharlal Nehru University New Delhi, 19th to 20th October 2021.
58. Thermal Instability of Two-component Radiative Astrophysical Plasma with Effects of Neutral Collisions and Finite electron inertia Effects in ISM.
Sachin Kaothekar
 27th International Conference of International Academy of Physical Sciences (CONIAPS-XXVII), on Recent Advances in Applied Physics, Department of Physics, Nirjuli, Itanagar, Arunanchal Pradesh, & International Academy of Physical Sciences, Prayagraj, Uttar Pradesh, 26th October to 28th October 2021.
59. Thermal Instability of Rotating Porous Radiative Astrophysical Plasma with FLR Corrections in ISM.
Sachin Kaothekar
 27th International Conference of International Academy of Physical Sciences (CONIAPS-XXVII), on Frontiers in Physics, Department of Physics, University of Kashmir, & Srinagar, University of Science and Technology, Srinagar, & International Academy of Physical Sciences, Prayagraj, Uttar Pradesh, 26th October to 28th October 2021.
60. A Survey of the Experiments Done For Finding the Nature of Dark Energy in the Universe.
 V. Vaidya, **Sachin Kaothekar**, R. Sharma, K. Jain, P. Dubey, N. Yadav
Madhya Pradesh Vigyan Sammalen and Expo (MPVS-2021), IIT Indore, Vigyan Bharti & MPCST Bhopal, 22nd to 25th December 2021.
61. Poincaré Coordinates for Study of Big Crunch
 R. Sharma, **Sachin Kaothekar**
Madhya Pradesh Vigyan Sammalen and Expo (MPVS-2021), IIT Indore, Vigyan Bharti & MPCST Bhopal, 22nd to 25th December 2021.
62. Effect of Rotation and FLR Corrections with Radiative Heat-Loss Function on Thermal Instability of Plasma Flowing Through Porous Medium
Sachin Kaothekar, Sarvesh Misra and S. Phadke
Madhya Pradesh Vigyan Sammalen and Expo (MPVS-2021), IIT Indore, Vigyan Bharti & MPCST Bhopal, 22nd to 25th December 2021.
63. Effects of Neutral Collisions and Finite Electron Inertia on Thermal Instability of Two-Component Radiative Astrophysical Plasma in Inter Stellar Medium (ISM)
Sachin Kaothekar, Sarvesh Misra and S. Phadke
ISPEC, 8th International Conference on Agriculture, Animal Sciences & Rural

Development, Bingol University, Turkey, 24th to 25th December 2021.

64. Importance of Vedas from Ancient to Present Era of Time
Sachin Kaothekar and Garima Gadkari
2 Days International Conference on Veda is the Treasure of all the Shastras, Wider Association for Vedic Studies & Department of Sanskrit, Bankura University, West Bengal, 10th to 11th January 2022.
65. Longitudinal Thermal Instability of Rotating Radiative Astrophysical Plasma with Effect of Porosity and FLR Corrections
Sachin Kaothekar, S. Mishra, and S. Phadke
International Conference on Recent Advancements in Science and Technology (IRAST-2022), Department of Physics Govt. Motilal Vigyan Mahavidhyalaya, Bhopal, M.P., India, 28th February to 1st March 2022.
66. Effects of Finite Electron Inertia and Neutral Collisions on Thermal Instability of Two-Component Astrophysical Radiative Plasma in Inter Stellar Medium (ISM)
Sachin Kaothekar, A. K. Shukla, S. Mishra and S. Phadke
1st International Conference on Engineering and Applied Natural Science, Konya Technical University, Turkey, 10th to 13th May 2022
67. Effects of Neutral Collisions and Radiative Heat-loss Functions on Longitudinal Thermal Instability of Partially-ionized Plasma with Finite Electrical Resistivity Effect
Sachin Kaothekar, S. Mishra and S. Phadke
1st International Conference on Physical Science and Technology (ICPST-2022), Vishwatmak Om Gurude College of Engineering, CMR College of Engineering and Technology & IFERP, 21st to 22nd May 2022.
68. Effect of Finite Ion Larmor Radius (FLR) Corrections on Thermal Instability of Rotating Radiative Porous Astrophysical Plasma in Interstellar Medium (ISM)
Sachin Kaothekar, A. K. Shukla, S. Mishra, S. Phadke
International Conference on Current Trends in Physics and Photonics (ICCTPP-2022), School of Physics, MIT World Peace University, Pune, India, 9th to 11th June 2022.
69. Effects of Neutral Collisions and Radiative Heat-Loss Functions on Longitudinal Thermal Instability of Partially-Ionized Viscous Plasma with Resistive Effects
Sachin Kaothekar, S. Mishra, and S. Phadke
2nd International Conference on Plasma Theory and Simulation (PTS-2022), Department of Physics, University of Lucknow, India, 20th to 22nd June 2022.

70. Transverse Thermal Instability of Partially Plasma with effect of Natural collisions & finite electron inertia effect in ISM.

Sachin Kaothekar, S. Mishra, and S. Phadke

International Conference on “Emergent Techniques and Functional Materials”, Faculty of Science, Medicaps University, Indore, M.P., India. 12th to 14th July 2022.

71. Effects of Neutral Collisions and Finite Electron Inertia on Longitudinal Jeans gravitational Instability Two-component Radiative Plasma in ISM.

Sachin Kaothekar, S. Mishra, and S. Phadke

^{3rd} International Conference on Applied Engineering and Natural Science, Konya Technical University, Turkey, 20th to 23rd July 2022.

LIST OF CONFERENCES/SYMPOSIUM/SEMINAR ATTENDED:

1. *21st National Symposium on Plasma Science & Technology*, MNIT Jaipur, India, 19-22 Dec. 2006.
2. *Bhartiya Vigyan Sammelan, MPCST*, Bhopal, India, 23-25 Nov. 2007.
3. *22nd National Symposium on Plasma Science & Technology*, Ahmedabad, India, 6-10 Dec. 2007.
4. *23rd National Symposium on Plasma Science & Technology*, BARC Mumbai, India, 10-13 Dec. 2008.
5. *National Symposium on Recent Advances in Physics*, Govt. Holkar Sci. College, Indore, 15 Feb. 2011.
6. *National Conference on Emerging Interfaces of Physics and Technology*, S.S. in Physics, V.U. Ujjain, 28-30 Mar. 2011.
7. *International Conference on Recent trends in Physics*, School of Physics, D.A.U. Indore, 4-5 Feb. 2012.
8. *National Conference on Emerging Trends in Research and Analysis for Sustainable Development*, Govt. Madhav Science College, Ujjain, 27-28 Mar. 2012.
9. *National Seminar on “Intellectual Property Rights”*, Alpine Institute of Technology Ujjain, 21st April 2012.
10. *1st National Conference on “Challenges and Prospective in Engineering, Management and Pharmacy”*, BM Colleges Indore, 27-28 April 2012.
11. *National Conference on “Historical Tourist Place of Madhya Pradesh and Malwa”*, M.P.

Tourism Development Corporation, Bhopal, 8-9 Sept. 2012.

12. *International Conference on Complex Processes in Plasmas & Nonlinear Dynamical Systems*, Institute for Plasma Research, Gandhinagar, Gujarat, 6-9 Nov 2012.
13. *International Conference on Recent Trends in Applied Physics & Material Science*, Govt. College of Engineering & Technology, Bikaner, Rajasthan, 1-2 Feb 2013.
14. *National Seminar on Recent Trends in Renewable Energy Sources & Their Applications*, UEC Ujjain, 30 Mar 2013.
15. *3rd National Seminar on Contemporary Scenario in Computer Science Engineering and Engineering Physics*, LNCT Indore, 4 Oct 2013.
16. *International Conference on Recent Trends in Physics*, School of Physics, D.A.U. Indore, 22-23 Feb. 2014.
17. *Seminar on Swarm Particle Techniques & Neuro-Fuzzy Logic Applications*, MITM, Ujjain, 22 March 2014.
18. *National Seminar on Recent Trends in Nanotechnology & its Applications*, Dept. of Physics, Career Point Technical Campus, Rajsmand, Rajasthan, 13-14 April 2014.
19. *National Seminar on Professional Writing*, MIT Ujjain, 27 Sept. 2014.
20. *International Conference on Plasma Science, Technology and Application*, School of Applied Sciences, Amity University, Lucknow, 20-21 Jan. 2016.
21. *Science Fest, From Photonics to Economic Impact of Light*, P.G. Department of Chemistry and Pharmaceutical Chemistry, Govt. Madhav Science P.G. College, Ujjain, 03-04 Feb. 2016.
22. *International Conference on High Power Coherent Radiation Generation & Its Interaction with Matter*, Department of Physics, SATI, Vidisha (M.P.), 12-14, Feb. 2016.
23. *National Seminar on Environmental Challenges in Present Perspective (NSECPP-2016)*, Department of Chemistry, UEC, Ujjain (M.P.), 17-18 March, 2016.
24. *International Conference on Technical Communication* MIT Ujjain 2016.
25. *International Seminar on Vaidik and Adhyatmicmulyotathabhartiyavidhyaokataknishiksha me samavesh*, Department of Mechanical Engineering, UEC Ujjain, 29-30 March 2016.
26. *National Seminar on Soft Computing applications in Engineering Field*, Department of Mechanical Engineering, MITS Ujjain 29-30 July 2016.

27. *The ISM-SPP Olympian School of Astrophysics 2016*, organized by Olampian Centre for Astrophysics, Paralia, Katerini, Mount Olympus, Greece, on 3-7 Oct 2016.
28. *International Conference on Frontiers of Physics and Plasma Science (FPPS-2016)*, Department of Physics and Mathematics, UEC Ujjain, 07-08 Nov. 2016.
29. *International Conference on Newfangled Methods of Physics, Chemistry and Mathematics (ICNMP)*, Govt. Holkar Science College, Indore, 29-30 March 2019.
30. *National Conference on Emerging Interfaces in Physics and Technology*, School of Studies in Physics, Vikram University, Ujjain, 29-30 August 2019.
31. *International Conference on Infrared Astronomy and Astrophysical Dust*, IUCAA Pune, 22-25 October 2019.
32. *12th International Conference on Plasma Science and Applications (ICPSA 2019)*, Department of Physics University of Lucknow, 11-14 November, 2019.
33. *14th Asia-Pacific Physics Conference (APPC-14)*, The Association of Asia Pacific Physical Societies (AAPPS) and InstitutFizik Malaysia, Kuching, Sarawak, Malaysia, 17- 22 November 2019.
34. *International Conference of Gravitation and Cosmology*, IISER Mohali, 10-13 December 2019.
35. *5th Asia Pacific Solar Physics Meeting*, IUCAA Pune, 3-7 February 2020.
36. *3rd National Seminar on Nonlinear and Complex Phenomena*, Center of Plasma Studies and Department of Mathematics, Jadavpur University, Kolkata, 18-19 February 2020.
37. *8th Topical Conference (TC-2020) on Atomic and Molecular Collisions for Plasma Applications*, Department of Physics, Indian Institute of Technology Roorkee (IITR), Roorkee, 3rd to 5th March 2020.
38. *International Asian Congress on Contemporary Sciences-IV*, Khazar University, Baku, Azerbaijan, June 26-28, 2020.
39. *International Conference on Innovative Studies of Contemporary Sciences (TOKYO SUMMITT-II)*, Tokyo, Japan. 17-19 August 2020.
40. *IWARA2020 Video Conference- 9th International Workshop on Astronomy and Relativistic Astrophysics* Mexico-City, 06 -12 September 2020.
41. *International E-Conference on Plasma Theory and Applications (PTS-2020)*, Department of Pure and Applied Physics, Guru Ghasidas Vishwavidyalaya (Central University), Bilaspur C. G., India, 14-15 September 2020.

42. *8th PSSI-Plasma Scholars Colloquium (PSC-2020)*, Plasma Science Society of India & Department of Physics, School of Applied Sciences, Kalinga Institute of Industrial Technology (KIIT) Deemed to be University-Bhubaneswar, Odisha, 08-09 October 2020.
43. *International Conference on Emerging Trends in Engineering, Science & Technology (ICETEST-2020)*, Chennai, 26-27 November 2020.
44. *National Conference on Physics & Chemistry of Materials (NCPCM)*, Department of Physics, Govt. Holkar Science College, Indore, 14-16 December 2020.
45. *2nd National Conference on Recent Trends in Applied Sciences and Computing Engineering*, School of Advanced Sciences and Languages, VIT Bhopal University, 18-20 December 2020.
46. *9th National Conference on Mathematics Education*, National Council of Educational Research and Training Regional Institute of Education, Bhopal, 20th December to 22nd December 2020.
47. *13th International Conference on Plasma Science and Applications*, Asian African Association for Plasma Training & School of Physical Sciences, Ravenshaw University, Cuttack Odisha, 26th December to 28th December 2020.
48. *Virtual International Conference on Physical Sciences (ICPS-2021)*, Department of Physics, Department of Chemistry, Department of Mathematics & Humanities, Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat, 5th February to 6th February 2021.
49. *39th Annual Meeting of Astronomical Society of India*, ICTS-TIFR Bengaluru, IISER Mohali, IIT Indore & IUCAA Pune, 18th February to 23rd February 2021.
50. *International Conference on Trends in Modern Physics (TiMP-2021)*, Department of Physics Assam Don Bosco University, Assam, 26th February to 27th February 2021.
51. *3rd International Conference on Data Driven Plasma Sciences (ICDDPS-3) & 12th EU-Japan Joint Symposium on Plasma Processing (JSPP-12)/ 15th Asia Pacific Conference on Plasma Science & Technology (APCPST-15)*, Center for atomic and Molecular Technologies, Graduate School of Engineering, Osaka University, Japan, 29th March to 02nd April 2021.
52. *International Conference on Advanced Physics (IEMPHYS-21)*, Department of Basic Sciences & Humanities, Institute of Engineering & Management, Kolkata, 1st April to 4th April 2021.
53. *Two Days National Conference on Chandra's Contribution on Plasma Astrophysics*, School of Physical Sciences, Jawaharlal Nehru University, New Delhi, 19th October to 20th October 2021.

54. *5th Asia Pacific Conference on Plasma Physics*, Division of Plasma Physics, Association of Asia-Pacific Physical Societies (AAPPS-DPP 2021), Kyushu University in Fukuoka, Japan, 26th September to 01st October 2021.
55. *27th International Conference of International Academy of Physical Sciences (CONIAPS-XXVII)*, on Recent Advances in Applied Physics, Department of Physics, Nirjuli, Itanagar, Arunanchal Pradesh, & International Academy of Physical Sciences, Prayagraj, Uttar Pradesh, 26th October to 28th October 2021.
56. *27th International Conference of International Academy of Physical Sciences (CONIAPS-XXVII)*, on Frontiers in Physics, Department of Physics, University of Kashmir, & Srinagar, University of Science and Technology, Srinagar, & International Academy of Physical Sciences, Prayagraj, Uttar Pradesh, 26th October to 28th October 2021.
57. *Madhya Pradesh Vigyan Sammalen and Expo (MPVS-2021)*, IIT Indore, Vigyan Bharti & MPCST Bhopal, 22nd to 25th December 2021.
58. *ISPEC, 8th International Conference on Agriculture, Animal Sciences & Rural Development*, Bingol University, Turkey, 24th to 25th December 2021.
59. *2 Days International Conference on Veda is the Treasure of all the Shastras*, Wider Association for Vedic Studies & Department of Sanskrit, Bankura University, West Bengal, 10th to 11th January 2022.
60. *International Conference on Recent Advancements in Science and Technology (IRAST-2022)*, Department of Physics Govt. Motilal Vigyan Mahavidhyalaya, Bhopal, M.P., India, 28th February to 1st March 2022.
61. *1st International Conference on Engineering and Applied Natural Science*, Konya Technical University, Turkey, 10th to 13th May 2022
62. *1st International Conference on Physical Science and Technology (ICPST-2022)*, Vishwatmak Om Gurude College of Engineering & IFERP, 21st to 22nd May 2022.
63. *International Conference on Current Trends in Physics and Photonics (ICCTPP-2022)*, School of Physics, MIT World Peace University, Pune, India, 9th to 11th June 2022.
64. *2nd International Conference on Plasma Theory and Simulation (PTS-2022)*, Department of Physics, University of Lucknow, India, 20th to 22nd June 2022.
65. *International Conference on “Emergent Techniques and Functional Materials”*, Faculty of Science, Medi-Caps University, Indore, M.P., India. 12th to 14th July 2022.

67. *3rd International Conference on Applied Engineering and Natural Science*, Konya Technical University, Turkey, 20th to 23rd July 2022.

LIST OF WORKSHOP/ WEBINAR/QUIZ/STTP/FDP ATTENDED:

1. National workshop on “**Numerical Methods and Their Applications in Science and Engineering**”, SATI, Vidisha, India, 19-24 June 2006.
2. National workshop on “**Fundamentals and Application of Plasma**”, SATI, Vidisha, India, 19-24 Feb. 2007.
3. Mission 10X Workshop on “**High Impact Teaching Skills**”, MIT, Ujjain, India, 10-14 May 2010.
4. Workshop on “**Waste Management Technology**”, Govt. UEC Ujjain, 21-22 Mar. 2012.
5. 2-week ISTE Workshop on “**Introduction to Research Methodologies**”, IIT Bombay, 25th June-4th July, 2012.
6. One-Day Workshop on “**Bioresource Conservation Awareness**”, S.S. in Environment Management, V.U., Ujjain, 06th September 2012.
7. 2 Days ISTE Workshop on “**Aakash for Education**”, IIT Bombay, 10th -11th November, 2012.
8. Workshop on “**Data Mining & Information Security**” MIT Ujjain and CSI, 1st Dec 2012.
9. 2-week ISTE Workshop on “**Engineering Thermodynamics**”, IIT Bombay, 11th - 21th December, 2012.
10. 2-week ISTE Workshop on “**Analog Electronics**”, IIT Kharagpur, 04th - 14th June, 2013.
11. 2-week ISTE Workshop on “**Engineering Mechanics**”, IIT Bombay, 26th Nov-06th Dec, 2013.
12. 2-week ISTE Workshop on “**Signals & Systems**”, IIT Kharagpur, 02nd - 12th Jan, 2014.
13. 1-day Workshop on “**Cyber Security**”, MIT Ujjain, 07th April, 2014.
14. 2-week ISTE Workshop on “**Fluid Mechanics**”, IIT Kharagpur, 20th - 30th May, 2014.
15. 1-week ISTE STTP for Coordinators on “**Engineering Physics**”, IIT Bombay, 7th -11th Sept, 2015.
16. Workshop on “**Project Proposal Formulation**”, MPCST Bhopal, 24th March 2016.

17. 2-Week ISTE STTP on **“CMOS, Mixed Signal and Radio Frequency VLSI Design”** IIT Kharagpur, 30th Jan - 04th Feb, 2017. (Starts on 1 Jan 2017).
18. 2-Week ISTE STTP on **“Electric Power System”** IIT Kharagpur, 12th June - 15th July, 2017.
19. **One Day Workshop on Scilab** IIT Bombay, 04 May, 2019.
20. **One Day Workshop on Linux** IIT Bombay, 23 August, 2019.
21. **3rd IUCAA Sponsored Workshop on Astronomical Data Analysis (WADA-2019)**, Department of Physics, Jagannath Barooach College, Jorhat, Assam, 17-19 September 2019.
22. **2-Week ISTE STTP on “LaTeX for Students, Engineers, and Scientists (LaTeX101x)”** IIT Bombay, 24th September - 11th November, 2019.
23. **One Day Workshop on R Main** IIT Bombay, 17December, 2019.
24. **One Day Workshop on C and CPP**, IITB, 29 February 2020.
25. **One Week E FDP on “A Primer to Quantum Computing”** Department of Physics, Shri Vaishnav Vidhyapeeth, Vishwavidyalaya, Indore (M.P.), India, 04 May-08 May 2020.
26. **“Basics of Accounting Quiz”**, Shukla and Company online education, 06 May 2020.
27. **One Month Online Refresher Course on “Astronomy and Astrophysics”**, IUCAA, ACE, TLC and PMMMNMTT Scheme, MHRD, Pune, (M.H.), India, 11 May- 12 June 2020.
28. **Three Days E FDP on “Material Science: Synthesis and Characterization”**, Department of Physics, Shri Vaishnav Vidhyapeeth, Vishwavidyalaya, Indore (M.P.), India, 12 May-14 May 2020.
29. **“Online National Awareness Program On Covid-19”** Organized By Indian Association Of Physics Teachers (IAPT, RC-09). 11 May 2020.
30. **“Online Three days FDP on Efficacy and futuristic approaches of digital pedagogy in the wake of Covid-19”**, Under RGPV TEQIP-3, Indore Institute of Science and Technology, Department of Engineering Science and Humanities, Indore, (M.P.), India, 18 May-20 May 2020.
31. **“One Week Workshop on Nano Electro-mechanical Systems”**, Under RGPV TEQIP-3, MIT Ujjain, 18 May- 22 May 2020.
32. **“Online One day Workshop on Effective Research Planning and Technical writing for Engineers”**, Under RGPV TEQIP-3, Indore Institute of Science and Technology, Indore, (M.P.), India, 19th May 2020.

33. **“Online Three days Workshop on Practice on Mathematical and Computational Modelling”**, under RGPV TEQIP-3, Lakshminarain College of Technology and Sciences, Bhopal, (M.P.), India, 18th May-20th May 2020.
34. **“Online One day National Webinar on Introduction of Data Science and Data Modelling and Analysis of COVID-19 Data”**, Chameli Devi Goup of Institutions, Indore, (M.P.), India 23rd May 2020.
35. **“National Webinar on Pandemic COVID-19 Awareness”**, Shri Gulab Singh Rajkiya Mahavidhyalaya, Chakrata, Dehradun, In association with NEEV- an initiative of IIT Alumni, 24th May 2020.
36. **“One Week FDP on PLC Basics, Selection and Programming”**, Under RGPV TEQIP-3, Gyan Ganga Institute of Technology and Sciences, Jabalpur, (M.P.), India, 25 May-29 May 2020.
37. **“One day webinar on Spa & its Advanced Module”**, Shivaji Rao Kadam Institute of Technology and Management, Indore, M.P., 26th May 2020.
38. **“One Week Webinar Lecture Series on Modern Physics and Material Science”**, Department of Physics, Govt. Holkar (Model, Auto.) Science College, Indore, (M.P.), India, 26th May-30th May 2020.
39. **“One Week International Webinar on Material Characterization and the Analysis”** Department of Physics, IPS Academy, Indore and Indian Physics Teachers association, (M.P.), India, 25 May- 31 May 2020.
40. **“Online Quiz on Environment”**, Organized by Government Girl's P.G. Degree College, Ujjain, on 27th May 2020.
41. **“Online Quiz on Online Physics Quiz for UG & PG Students, Faculty & Physics lovers”** 27th May 2020.
42. **Online National Level Webinar presented “A Sustainable Response to Covid-19 – The New Normal”**, GYANIDHI– NATIONAL LEVEL WEBINAR SERIES, CMS, Jain (Deemed-to-be University), 27th May 2020.
43. **Online One day webinar on “POSH BLOG/WEBSITE DESIGN”** Department of Computer Science & Engineering – Shivajirao Kadam Institute of Technology & Management, Indore (MP), 28th May 2020.
44. **“Online National Level Webinar on World Economy on Tenterhooks and Indian Economy Road Ahead”** Mahatma Night Degree College of Arts and Commerce in Collaboration with Bombay Stock Exchange Brokers' Forum on 28th May-29th May, 2020.
45. **ONLINE NATIONAL WEBINAR on “Impact of Covid-19 on Indian Economy”**, Govt.

Narmada College Hoshangabad, Dist. Hoshangabad, (M.P.), India, 28th May 2020.

46. **Online Webinar on “Molecular Level Investigations on Organic Materials”**, S. T. Hindu College, Nagercoil, 29th May 2020.
47. **“Online Quiz on Awareness about Aatma Nirbhar Bharat Abhiyan & COVID-19”**
Department of Computer Science & Engineering, Lakshmi Narain College of Technology & Science (RIT) Indore, 29th May 2020.
48. **Online webinar on “MATLAB Software for Power Electronics- Hands on Training”**
Department of Electrical and Electronics Engineering, Arasu Engineering College, Chennai Main Road, Kumbakonam, 30th May 2020.
49. **“Webinar on Decoding the Stock Market Opportunities Post COVID-19”**, Shri Vaishnav Institute of Management, Indore, 30th May 2020.
50. **“Online One day Workshop on Moodle; an online E-learning Platform”**, Department of CSE and IT, Chameli Devi Goup of Institutions, Indore, (M.P.), India, 30th May 2020.
51. **“Webinar on Robotic Process Automation”**, Department of Computer Science and Engineering, Shivaji Rao Kadam Institute of Technology and management, Indore, M.P., 30th May 2020.
52. **“Webinar on Post Covid-19 Challenges in Media Organization and Future Employment Avenues”**, Vivekanand School of Journalism and Mass Communication, Delhi, 30th May 2020.
53. **Online One Day Webinar on “The How and Why?” Of Transitioning the Data Science for Non-It Professionals**, Department of Mechanical Engineering, Cambridge Institute of Technology, Bengaluru, 30th May 2020.
54. **“LaTeX Training”**, School of Computer Science and IT, DAVV Indore, & IIT Bombay, 30th May 2020.
55. **“Webinar on Academic Leadership on COVID-19 Challenges”**, Opportunities and Future Implications, Shri Vishwakarma Skill University, Gurugram Haryana, 30th May 2020.
56. **“Online Science Quiz 2020”**, Lakshya Central School, Rajgarh, 31 May 2020.
57. **“Webinar on Introduction to AI computer Vision and Robotics”**, Shivaji Rao Kadam Institute of Technology and management, Indore, M.P., 01st June 2020.
58. **“Webinar on Technology for Wildlife Conservation”**, Department of Applied Chemistry and Chemical Technology and Department of Applied Physics & Optoelectronics, Shri G. S. Institute of Science and Technology, Indore, 01st June 2020.

59. **Webinar on “The Importance of Skill Education and Entrepreneurship: BSDU Model”**, Institute Innovation Council Bhartiya Skill Development University Jaipur, 2nd June 2020.
60. **“Three days online FDP on Emerging Trends in Sustainable Technologies”**, RGPV under TEQIP-III, & Oriental Institute of Science and Technology, Bhopal, 02nd to 04th June 2020.
61. **Webinar on “Impact of COVID-19 on Women”** Department of Social Work, BPS Mahila Vishwavidyalaya, Khanpur Kalan Sonapat Haryana, 2nd June, 2020.
62. **Webinar on “Values and Teaching Learning in Higher Education: Current Practice and Prospects”**, Internal Quality Assurance Cell, Vivek College of Education, Bijnor, 2nd June 2020.
63. **National Level Webinar on “Microbiologists’ Eyeview on Covid-19”** Centre for Management Studies, Jain (Deemed-to-be University), 3rd June 2020.
64. **Webinar on “Understanding the gap between industry dynamics and University Curriculum”**, Department of Electrical Engineering and Electronics & Communication Engineering, Poornima Institute of Engineering and Technology, Kota, 3rd June, 2020.
65. **“National webinar on Digital Technology for Transforming Teaching and Learning Experience: A 360⁰ Approach”** Department of Education in Association with Internal Quality Assurance Cell (IQAC), Christian Eminent College, Indore, 04th June 2020.
66. **“Webinar on COVID-19 Pandemic: Impact of Lockdown on Personal and Professional Life on Women”**, Women Cell, Department of Computer Science and Engineering, SEST, Jamia Hamdard, New Delhi, 04th June 2020.
67. **National Webinar on “Criminal Justices Social Work: Scope and Challenges”**, Department of Criminology and Police Studies, Sardar Patel University of Police, Security of Criminal Justice Jodhpur in Association with Indian Society of Criminology, 04th June 2020.
68. **Webinar on “Block Chain Technology and Research Prospects”**, Prestige Institute of Management, Gwalior, 04th June 2020.
69. **“National Level Quiz on British Literature”**, PG and Research Department of English, Don Bosco College, Athiyaman Bypass Road, Sogathur Post, Dharampuri, Tamil Nadu, India, 4th June 2020.
70. **“National Faculty Development Programme on Machine Learning for Biomedical Data Processing”**, Department of Computer Science and Engineering, Mandsaur University, Mandsaur, 4th June 2020.
71. **Webinar on “Bivariate Analysis Using SPSS”**, Department of Commerce NIFT-TEA College of Knitwear Fashion, Tirupur, Tamil Nadu, 4th June 2020.

72. **International Webinar on “COVID-19 CRISIS: THE GLOBAL ECONOMY RESHAPING”** CMS, Jain (Deemed-to-be University), Bengaluru, 4th June 2020
73. **“Digital Marketing Web Summit”** School of Management, Patna The theme of the session was “Digital Transformation for a Social Cause.” 5th June, 2020.
74. **“Online Quiz on World Environment Day Awareness”**, Lords University, Alwar-Bhiwadi-Delhi Highway, Chikni, Alwar, Rajasthan, 5th June, 2020.
75. **“EnvironmentQuiz”** Department of Mathematics and NSS Unit, Govt. Girls P.G. College Ujjain, 5th June, 2020.
76. **“Basic of Accounting Quiz”**, Shukla & Company Online Education Platform, 5th June, 2020.
77. **“National webinar on Creating Virtual Learning Environment”**, Department of Education, Shri Guru Granth Sahib World University, Fatehgarh Sahib, Punjab, 05th June 2020.
78. **International Webinar on “The Time of Nature, Celebrate Biodiversity”**, Shri Jain Diwakar Mahavidyalaya, 05th June 2020.
80. **Webinar on “Samaj aur Prakrati COVID-19 kevishesh sandarbh me”**, Loak manya Tilak Science & Commerce College Ujjain, 05th June 2020.
81. **International E-Symposium on “Modern Trends in Physics and Bio-Photonics 2020”**, Department of Physics, Govt. College Manavar, Dhar, 06th to 10th June 2020.
82. **International Panel Discussion (online) “Skill of 21st Century & Placement of Post Covid”**, Department of Botany, Mekalsuta College Dindori, M.P., 06th June 2020.
83. **Webinar of “Mastering the Art of Communication”**, Department of Engineering, ARKA Jain University, Jamshedpur, Jharkhand, 06th June 2020.
84. **“Online World Environment Day Quiz”**, Omega College of Professional Studies, Ujjain, 06th June 2020.
85. **Webinar on “Crazy Tips To Crack Virtual Interviews”** Internal Quality Assurance Cell of Bunts Sangha’s Uma Krishna Shetty Institute of Management Studies and Research on Saturday, 6th June 2020.
86. **Two Days FDP on “Innovation & Research in Data Science With Visualization Using Python”** RGPV, TEQIP-III & Department of Computer Science, Sri Aurobindo Institute of Technology, Indore, 6th to 7th June 2020.
87. **“National level online Quiz on Electrical Safety and Save Electricity”**, Department of

- Electrical Engineering, Ashokrao Mane Group of Institutions, Kolahapur, 7th June 2020.
88. **“E-Quiz on Nonconventional Energy Sources”**, Department of Mechanical Engineering, Mahakal Institute of Technology Ujjain, 7th June 2020.
88. **“Overview of Construction and Project Management and Construction during Covid-19”**, Department of Civil Engineering, Medi-Caps University, Indore, 7th June 2020.
89. **“Webinar on 5G Communications”**, Department of Electronics and Communication Engineering, Saveetha Engineering College, 7th June 2020.
90. **“One Day Workshop on Mathematical Indulgence A Journey of Cherish”**, Department of Mathematics, Acropolis Institute of Technology and Research, Indore, 8th June 2020.
91. **Webinar on “Wonders of VastuShastra”**, Department of Civil Engineering, Medi-Caps University Indore, 8th June 2020.
92. **One Week FDP on “Data Analytics Using R”**, RGPV TEQIP-III & Department of CSE & IT Chameli Devi Group of Institutes, Indore, 08th to 12th June 2020.
93. **Three Day National Webinar on “Covid-19 and Indian Economy”**, School of Social Sciences, Central University of Gujarat, 09th to 11th June 2020.
94. **One day National Level webinar on “COVID-19 & its Impact on Indian Economy”**, Institute of Business Management and PIRENS Institute of Computer Technology, Loni, Maharashtra, 09th June 2020.
95. **National Webinar on “Impact of COVID-19 on Construction and Engineering Sector”**, University Institute of Vocational Studies and Skill Development, Rani Durgavati University, Jabalpur, 10th June 2020.
96. **Online Quiz on “Basic Concepts of Mechanical Engineering”**, Department of Mechanical Engineering EESGOI College of Engineering and Technology Aurangabad, 10th June 2020.
97. **“Chemistry E Quiz”**, Department of Engineering Chemistry and Electronics and Communication Engineering, LNCT, Bhopal, 10th June 2020.
98. **“Webinar on the Future of Work and Skill in the Post COVID world”**, Department of Electronics and Communication Engineering, Saveetha Engineering College, 10th June 2020.
99. **Webinar on “Impact of COVID-19 on Construction and Engineering Sector”**, University Institute of Vocational Studies & Skill Development, Rani Durgavati University, Jabalpur, 10th June 2020.
100. **National webinar on “The Universe and Mathematical Modelling”**, Department of Applied Mathematics, JSSATE Noida, 11th June 2020.

101. **“Webinar on Anxiety, Panic and Remedies Post Lockdown among Academicians”**, Prestige Institute of Management Gwalior, 12th June 2020.
102. **“2 Days STTP on Recent Advances in Mechanical Engineering (RAMR)”**, Department of Mechanical Engineering, S V College of Engineering, Tirupati, 12th June 2020.
103. **2 Days Workshop on “Emotional and Social Intelligence”**, RGPV, TEQIP-III & Department of IT & CSE, Chameli Devi Group of Institutes, Indore, 13th to 14th June 2020.
104. **National Level Online Quiz on “Innovation and Advances in Chemistry”**, Department of Humanities and Sciences, Gurunanak Institute of Technical Campus, Hyderabad, 15th June 2020.
105. **National Webinar on “Digital Transformation: A Progressive approach”**, Vidyasagar College of Education, Darjelling, 15th June 2020.
106. **Webinar on “Sanctuary of Quantum Mechanics and Still Going Strong”**, Applied Physics Department, Faculty of Technology and Engineering, The Maharaja Shivajirao University, Baroda, Gujarat Science Academy, Indian Physics Association, Baroda, and Indian Association of Physics Teachers, and National Academy of Science, Delhi, 15th to 17th June 2020.
107. **Faculty Development Programme on “E-Pedagogy and Capacity Building”**, RGPV TEQIP-III & Indian Institute of Management Raipur, Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal, 17th to 19th June 2020.
108. **National Webinar on “Sustainability Concepts and Sustainable Development Goals 6 Clean Water and Sanitation”**, Shri Vaishnav Vidyapeeth Vishwavidhyalaya, Indore, 18th June 2020.
109. **2 Days Webinar on “Recent Trends in Artificial Intelligence”**, Department of Electronics and Communication Engineering & Department of Computer Science and Engineering, Rajiv Gandhi University, Rono Hills, Doimukh on 18th to 19th June 2020.
110. **3 Days FDP on “Efficacy and Futuristic Approaches of Digital Pedagogy in the Wake of Covid-19”**, RGPV, TEQIP-III & Department of Engineering Sciences & Humanities, IIST, Indore (M.P.), 18th to 20th June 2020.
111. **One Day Workshop on “CNC Machine Programming and Operations”**, RGPV, TEQIP-III & Department of Mechanical Engineering, Oriental Institute of Science and Engineering, Bhopal, 18th June 2020.
112. **Webinar on “Current scenario, Scope and Challenges in Pharmaceutical Industry”**, School of Pharmacy and Centre for Research and Development Rai University, Ahmedabad, in Collaboration with SAGA Laboratories, 19th June 2020.

113. **Online Quiz on “Innovations and Advances in Applied Physics”**, Department of Humanities and Sciences (Physics), Guru Nanak Institutions Technical Campus, Hyderabad, 19th June 2020.
114. **“Quiz on Machine Learning”**, Department of Computer Science and Engineering, Mandsaur University, Mandsaur, 19th June 2020.
115. **2 Days International Symposium on “IMPACT OF COVID-19 ON The Business World”**, Gujranwala Gurunanak Institute of Management and Technology, Ghumar Mandi, Ludhiana, 19th to 20th June 2020.
116. **Online Webinar on EXPLORING AND UNDERSTANDING THE NEW NORMAL DURING COVID-19 PANDEMIC**, RKDF University Bhopal, 19th June 2020.
117. **3 Days Online FDP on “Futuristic Technologies”**, RGPV TEQIP-III, Department of Information Technology, Oriental Institute of Science and Technology, Bhopal, 19th to 21st June 2020.
118. **“One Day Faculty Develop Programme on Effective Research Planning and Technical Writing For Engineers”**, IIST Indore Under TEQIP-III, RGPV, Bhopal, 19th May 2020.
119. **“E-Quiz on Vocal for Local”**, MEPSS & Institution’s innovation Council, 20th June 2020.
120. **Online Quiz on “Vedic Mathematics”**, Department of Mathematic and School of Applied & Life Science, Uttaranchal University, Dehradune, 20th June 2020.
121. **Naional Webinar on “Life Affected by Corona: Indian Philosophy”**, Rajasthan Shikshak Prasikshan Vidhyapeeth, Jaipur, 22nd June 2020.
122. **One Day Online Workshop on “Role of Teachers and Students in inculcation of Universal Human Values in Technical Education”**, RGPV TEQIP-III & LNCT&S and LNCT, Bhopal, 22nd June 2020.
123. **National Level E-Quiz on “Basics of Probability & Statistics”**, Vaagdevi Institute of Technology & Science, Proddatur, Andhra Pradesh, 22nd June 2020.
124. **Online “Science Quiz”**, Lokmanya Tilak Science and Commerce College, Ujjain, 22nd June 2020.
125. **National Level Online Quiz on “Special Education”**, Department of Education, School of Social Sciences, University of Madras, Chennai, 22nd June 2020.
126. **One Week Webinar Series on “Advances in Material Sciences and Technology (WSAMST-2020)”**, Department of Applied Sciences and Humanities (Physics), School of

- Engineering, University of Petroleum and Energy Studies, Dehradun, 22nd to 26th June 2020.
127. **Webinar on “Modern Technologies Artificial Intelligence and Machine Learning”**, Department of Electronics and Communication Engineering, Saveetha, Engineering College, 22nd June 2020.
 128. **“Quiz on Digital Electronics”**, Department of Electronics and Communication Engineering, Rathinam Technical Campus, Coimbatore, 22nd June 2020.
 129. **“Science Leader Workshop”**, Central University of Punjab, Bathinda, India, 22nd to 28th June 2020.
 130. **Five-days Webinar Series on “Advances in Materials Science and Technology (WSAMST-2020)”**, Department of Applied Sciences and Humanities (Physics), School of Engineering, University of Petroleum and Energy Studies, Dehradun, 22nd to 26th June 2020.
 131. **“National Level General Knowledge E-Quiz”**, Department of Electrical and Electronics Engineering, Sagar Institute of Research and Engineering, Bhopal 23rd June 2020.
 132. **One Week Short Term Training Program on “Data Science & Learning Systems for Engineering Research & Design”**, TEQIP-III & National Institute of Technology, Kurukshetra and Engineering Collage of Bikaner, 24th to 30th June 2020.
 133. **Webinar on “Higher Education Scenario after COVID-19”**, RKDF University, Bhopal, 24th June 2020.
 134. **Online Quiz on “BIG DATA”**, Department of Computer Science and Engineering, Bangalore Technological Institute, Bengaluru, 24th June 2020.
 135. **National Level Online Quiz on “Electronic Wastes-Challenges and Opportunities”**, Department of Electronics, LRG Govt. Arts College for Women, Tripur, Tamil Nadu, 24th June 2020.
 136. **One Day National Level Webinar on “E-Learning Resources and Learning Tool for Quality and Education”**, P.E.S College of Science, Arts and Commerce, Karnataka, 25th June 2020.
 137. **One Day FDP on “Role of Online Teaching Pedagogy and ICT tools in Outcome Based Education”**, Department of Civil Engineering KKR & KSR Institute of Technology and Science, Andhra Pradesh, 25th June 2020.
 138. **One Day National Level Webinar on “Views @ Lake Views Webinar Series-1, Unleashing the India’s Desi Potential”**, Bapuji-B Schools Davangere, 25th June 2020.

139. **National Level Webinar on “Internet of Things (IoT) For Beginners”**, Department of Information Science and Engineering, KLS, Gogte Institute of Technology, Balagavi, Karnataka, 25th to 26th June 2020.
140. **National Level E-Short Term Course"Virtual Tour on Genomics and Proteomics”**, Department of Zoology, Maharaja Bhoj Govt PG college, Dhar, (M.P.), 26th to 30th June 2020.
141. **Two Days Webinar on “Future Aspects of Computer Science and Engineering”**, Regional College, University of Technology, Kota, 26th to 27th June 2020.
142. **One Day Webinar on “Youth Affected by Drugs”**, NSS, Hindustan College of Arts and Science Coimbatore, 26th June 2020.
143. **National Webinar on “Role of Deep Learning in IoT”**, Department of Computer Science & IQAC Sindhi College, Chennai, 26th June 2020.
144. **Webinar on “Education, Culture & Patriotism in Indian Perspective”**, SICA College, Indore, 26th June 2020.
145. **One Day Webinar “Gender Equality in Educational Institutes”**, TEQIP-III & Global Institute of Technology, Jaipur, Rajasthan Technical University, Kota, 26th June 2020.
146. **One Day Webinar on “Youth affected by Drugs”**, NSS Hindusthan College of Arts and Science, Coimbatore, 26th June 2020.
147. **One Day Online Workshop on “Art of Communication for the Professionals”**, RGPV TEQIP-III & Department of Humanities, LNCT, Bhopal, 26th June 2020.
148. **One Day National Webinar" Impact of Covid-19 Pandemic on Women"**, The Department of Political Science in collaboration with Women Development Cell, MAHILA SHILP KALA BHAWAN COLLEGE, Muzaffarpur, 27th June, 2020.
149. **Webinar on “The Process of Software Development in the Modern Technology”**, IMPS College of Engineering & Technology, 27th June 2020.
150. **Two Days Workshop on “Entrepreneurship Road to Atmanirbhar”**, RGPV TEQIP-III & I-FAME, E-Cell, Chameli Devi Group Institutions, Indore, 27th to 28th June 2020.
151. **Webinar on “The World Has Changed: The Internet Has Entered A Second Era”**, Don Tapscott (Digital Strategist & Executive Chairman, Block Chain Research Institute), 27th June 2020.
152. **Webinar on “Diving Deep into Software Testing”**, Department of Computer Science and Engineering, SRM Institute of Science and Technology, Vadapalani, Chennai, 27th June 2020.

153. **Webinar on “Research Paper Questionnaire Development”**, Department of Management Studies, Gaziabad, 27th June 2020.
154. **Online Quiz on “Engineering Ethics & Artificial Intelligence”**, Department of Science and Humanities, DHANLAKSHMI SHRINIWASAN College of Engineering and Technology, ECR, Mamallapuram, Chennai, 27th June 2020.
155. **jk"V³h; lxaks"Bhftldkfo"k;] “Dr.AmbedkarkeSamajik-ArthikVichar”lkekftdfoKku ,o aizca/k ifj"kn] ;qokvkfFkZdifj"kn ,o afoØekfnR; egkfo|ky;] tcyiqj ¼e-iz-½, 28th June 2020.**
156. **Webinar on “SIMPLE VASTU TIPS FOR POSITIVE ENERGY IN OUR HOME”**, RGPV TEQIP-III & Department of Civil Engineering, IPS College of Technology & Management, Gwalior, 28th June 2020.
157. **International Webinar on “Opening the Story is the Police Traditions in the Kannadasan and Sangam Literature”**, Department of Tamil, Shree Chandrababhu Jain College Tiruvallur, Tamil Nadu, 29th June 2020.
158. **Online E-Quiz on “Spit Free India Movement”**, Alamelu Cmritable Foundation, TATA Trust & NSS, 29th June 2020.
159. **One Week FDP on “INTELLEGENT SYSTEMS”**, Department of Computer Science and Engineering, Invertis University, Bareilly, 29th June to 04th July 2020.
160. **International Webinar on “Securing Modern Software Development”**, Shivajirao Kadam Institute of Technology and Management, Indore, 30th June 2020.
161. **Webinar on “Creativity with Passion Leads to Leadership”**, Placement Cell, Shri Chandrababhu Jain College, Minjur, Madras, 01st July 2020.
162. **Webinar on “Magnetic Levitation and High Speed Trains”**, Department of Electrical and Electronics Engineering, Mahatma Gandhi Institute of Technology, Hyderabad, 01st July 2020.
163. **Online National Quiz on “Concepts of Physics (PHYSICA)”**, Department of Mechanical Engineering, Mandsaur University, M.P., 01st July 2020.
164. **Five Days FDP on “Emerging Technologies in Web and Data Engineering”**, Department of Information Science and Engineering, VEMANA Institute of Technology, Bangalore, 01st to 05th July 2020.
165. **Webinar on “Containerization Container Orchestration”**, Department of Computer Science and Engineering, Truba Institute of Engineering and Information Technology, Bhopal, 04th July 2020.

166. **National Webinar-I, on “Mentoring Teachers for Effective Online Teaching”**, Department of Commerce, Daulat Ram College, University of Delhi, 04th July 2020.
167. **Webinar on “Role of Civil Engineers on Offshore Oil & Gas Industry”**, Department of Civil Engineering KKR & KKS Institute of Technology & Science, Andhra Pradesh, 04th July 2020.
168. **One Day International Webinar on “Python NumPy with Jupyter Notebook”**, Department of Computer Science and Engineering, Malla Reddy Institute of Technology and Science, New Delhi, 06th July 2020.
169. **Webinar on “Block-Chain Technology”**, Feroze Institute of Engineering and Technology, Raebareli, 08th July 2020.
170. **Webinar Series on “Employment after COVID-19”**, 13th June to 01st July 2020.
171. **Independent Scientist Awards on “Robotics Quiz 2k20”**, Independentscientist You Tube Channel, 09th July 2020.
172. **Independent Scientist Awards on “Online Community Quiz Series”**, Independentscientist You Tube Channel, 09th July 2020.
173. **International Webinar on “Corona Virus Outbreak and Economy”**, PG Department of Commerce, Govt. Arts and Science College, Dharampuri, Tamilnadu, 10th July 2020.
174. **One Day National Webinar “Interface between Chemistry and Environment”**, Department of Chemistry, DR Shyama Prasad Mukherjee University, 10th July 2020.
175. **Three Days National Level FDP on “Overview of Issue and Challenges in Power Sector”**, Department of Electrical and Electronics Engineering, Academy of Maritime Education and Training, Deemed to be University, Chennai, 10th to 12th July 2020.
176. **National Level “E-Quiz on Control Systems”**, Department of Electrical and Electronics Engineering, NNRG, Hyderabad, 13th July 2020.
177. **One Day International Webinar on “Sentiment Analysis: From Machine Learning to Deep Learning Approach”**, Department of Computer Science and Engineering, Indore Institute of Science and Engineering, Indore, 22nd July 2020.
178. **Webinar on “Electrical and Magneto-transport Properties of Technologically Used Materials”**, Department of Physics, Mahakal Institute of Technology, Ujjain, 23rd July 2020.
179. **Online National Symposium on “Impact of Covid-19 on Hospitality Industry & its Future Prospects”**, Department of Hotel Management, Gujranwala, Guru Nanak Institute

of Management & Technology, Ludhiana, 25th July 2020.

180. **Online Webinar on “Planning Effective Digital Adaptation of Online Learning”**, AVANTHI Group of Institutes, Hyderabad, 25th July 2020.
181. **National Webinar Series on “Intellectual Curiosity of Learning & Research: Teaching Skill sets”**, A.D.M College of Women, Tamil Nadu, 25th July 2020.
182. **Career Guidance Webinar on, “Physics in Automobile and Mechanical: Theory and Practical**, Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore, 26th July 2020.
183. Virtual Quiz on **“Basics of Automobile Engineering-AUTO-MANIAC 2020”**, Automobile Engineering Department, Parul Institute of Engineering & Technology, DS, Parul University in association with Technical Event Cell, Parul University, Vadodra, 26th July 2020.
184. **National Level E-Quiz on “Data Warehousing & Data Mining”**, Department of MCA, RISE Krishna Sai Prakasam Group of Institutions, Ongole, 26th July 2020.
185. One Day Online International Webinar on **“Web Technologies & Development”**, Department of Information Technology, Oriental Institute of Science & Technology, Bhopal, 26th July 2020.
186. One Day Webinar on **"IBM Jazz Platform"**, Department of Computer Science & Engineering & Information Technology, Mahakal Institute of Technology Ujjain, 26th July 2020.
187. Online Quiz on **“Metal Forming”**, Department of Mechanical Engineering, ATME College of Engineering, Mysuru, 27th-28th July 2020.
189. **National Webinar on “Recent Trends In Physical Sciences”**, Department Of Physics, J.N.S.Govt. P.G. College, Shujalpur (M.P.) and IAPT RC-09 Sponsored by the Department of Higher Education, Govt. of M.P. under MPHEQIP – Academic Excellence, 27th-28th July 2020.
190. National Webinar on **“India’s Nuclear Energy Problem”**, Department of Electronics & Communication Engineering & Department of Electrical & Electronics Engineering, MIT Ujjain, 27th July 2020.
194. One Day Webinar on **“Association Rule Mining”**, Department of Computer Science & Engineering & Information Technology, Mahakal Institute of Technology Ujjain, 27th July 2020.
195. **One Week Online Faculty Development Program on “Application of Industry 4.0 and IoT in the field of Engineering and Medical”**, Department of Electronics &

Telecommunication Engineering, Deogiri Institute of Engineering and Management Studies, Aurangabad, 27th-31st July 2020.

196. **Webinar Tech On “Let’s On-Board Data Flight towards AI Based Decisions!”** Under VESIT-Leading India AI Academy, Organized By VESIT Renaissance Cell in Association with VESIT- IQAC (Internal Quality Assurance Cell) and VESIT - IIC (Institution Innovation Council), Mumbai, 27th July 2020.
197. **Three Days Online Programme on “Fused Deposition Material 3D Printing and Model Designing in Autodesk Fusion 360”**, TEQIO-III, Rajiv Gandhi Proudhyogiki Vishwavidhyalaya, Bhopal, 28th-30th July 2020.
198. **One Day National Webinar on “Historical Development of Integration Theory & ITO Calculus”**, Department of Mathematics, Bhattar College, Dantan, 27th July 2020.
199. **Online Programme on “Tulsidas ke Ram-Ek-Vyakhayatmat Sangitmatmak Abhivyakti”**, 27th July 2020.
200. **One Week Online Short Term Training on “Optimal Operation of Power system incorporating Renewable Energy Sources”**, Department of Electrical & Electronics Engineering, Sagar Institute of Research & Technology, Bhopal, 27th July to 1st August 2020.
201. **Webinar on “Best Practices in DevOps - A 10,000 ft Overview”**, Bachelor of Computer Application, P.C. Jabin Science College, Hubballi, 27th July 2020.
202. **Management Capacity Building Programme**, TEQIP-III, RGPV & IIM Indore, 14th -17th July 2020.
203. **International Webinar on “Leveraging Artificial Intelligence in Healthcare- Special Reference to COVID-19 Pandemic”**, AMAR SINGH COLLEGEA Constituent College of Cluster University Srinagar Gogji Bagh, Srinagar, J&K, 28th July 2020.
204. **International Webinar on “Seismic Risk Assessment of Industrial Facilities in Malaysia”**, Department of Civil Engineering, SVVV, Indore, 28th July 2020.
205. **One Day Webinar on “Ethical Hacking”**, Department of Computer Science & Engineering & Information Technology, Mahakal Institute of Technology Ujjain, 28th July 2020.
206. **Webinar on “3D Printing Design and It’s Application”**, Department of Mechanical Engineering in association with 3D Dexter Education Pvt. Ltd, New Delhi, 29th July 2020.
207. **One Day National Webinar on “Plasma Science and it’s Applications”**, Department of Physics & Nanotechnology, Barkatullah University, Bhopal, 29th July 2020.

208. **One Day Webinar on “Create Magic in the Classroom For Students Engagement”**, Krantiguru Shyamji Krishna Verma Kachchh University, Bhuj-Kachchh in collaboration with Business Excellence Inc. USA, 29th July 2020.
209. **International Webinar on “Technology, Trends Data Protection & Privacy Regulations”**, Department of Computer Science & Engineering & Information Technology, Mahakal Institute of Technology Ujjain, 29th July 2020.
210. **Three Days STTP on “Applications of Artificial Intelligence in Various Mechanical Systems”**, RGPV TEQIP-III & Department of ME, Bansal Institute of Science & Technology, Bhopal, 29th July 2020.
211. **Webinar on “Research-Ethics & Methodology in Modern Education”**, Organized by RGPV, under TEQIP-III in association with Department of Basic Science and Computer Science & Engineering, Truba College of Science and Technology, Bhopal, 30th July 2020.
212. **Webinar on "Upcoming Trends of Technologies in Business Execution"**, Department of Computer Science & Engineering and Information Technology at Mahakal Institute of Technology, Ujjain, 30th July 2020.
213. **One Day Webinar on “Cyber Security”**, Department of Computer Science & Engineering and Information Technology at Mahakal Institute of Technology, Ujjain, 31st July 2020.
214. **Webinar on “Interview Skills and Techniques to get selected in MNCs”**, RGPV, under TEQIP-III in Association with Department of Humanities and Computer Science & Engineering, Truba College of Science and Technology, Bhopal, 31st July 2020.
215. **National E-Seminar on “Two Hands of Stress Management”**, Department of Applied Science SAGE Institute of Research & Technology, SAGE University, Indore, 31st July 2020.
216. **National Webinar on “Emerging & Hidden High-Paying Jobs”**, IHRM College of Professional Studies, Kolkata, 31st July 2020.
217. **National Webinar on “Application of Computer Vision in Defence”**, Department of Electronics & Communication Engineering and Department of Electrical & Electronics Engineering, Mahakal Institute of Technology, Ujjain, 31st July 2020.
218. **Webinar on “Fateh ki Kahani Meer Ranjan Negi ki Jubani”**, SICA College, Indore, 31st July 2020.
219. **Online Lecture on “Magnetism and Matter”**, IAPT Regional Council (Delhi & Haryana) & Delhi State Science Teachers Forum, 1st August 2020.
220. **International Webinar on “Embracing Wordsworth: A Quarter-millennial Commemoration”**, Department of English, Kamaraj College, Thoothukudi, Tamilnadu, 1st August 2020.

221. **Three FDP on “Recent Trends in Wireless Communication Technologies”**, Department of Electronics and Communication Engineering, Bangalore Institute of Technology, Bangalore, 3rd to 5th August 2020.
222. **Webinar on “Service before Self-Indian Armed Forces”**, Technical Event Cell, & Armed Force Motivational Cell, Parul University, Vadodara, 5th August 2020.
223. **Panel Discussion on “Becoming World Class Faculty in New World Order”**, Higher Education Forum, & Board of Industry Academia Partnership, 6th August 2020.
224. **International Webinar Series “Climate Change and Rural Development in COVID-19”**, Department of Rural Development, School of Social Sciences & Department of Environment Sciences, School of Earth Sciences, Punyashlok Ahilyadevi Holkar, Solapur University, Solapur, 7th to 10th August 2020.
225. **Webinar on “Challenges and Opportunities for Engineers in Electric Vehicle Design and Development”**, Department of Robotics and Automation, Faculty of Engineering and Technology, JAIN (Deemed to be University), Bengaluru, 7th August 2020.
226. **One Day National Webinar on “Population & Emerging Issues of Development”**, Department of Geography and Department of History, Atrs, Commerce & Science College, onde, 7th August 2020.
227. **National Level Book Literature Quizzard**, Department of Computer Science, Nandha Ares & Science College, Coimbatore, 7th August 2020.
228. **Webinar on “Fighting the Lockdown Blues”**, Department of Information Technology, Shri G. S. Institute of Technology & Science, Indore, 8th August 2020.
229. **International Quiz on COVID-19 Awareness**, Department of IT & Computer Science, Parul Institute of Computer Application, Parul University, 8th August 2020.
230. **One Day Workshop on “Hands on-Machine Learning on Cloud (Microsoft Azure)”**, RGPV, under TEQIP-III in association with Department of Computer Science and Engineering, Truba College of Science and Technology, Bhopal, 8th August 2020.
231. **Focus Shortcut Key-Quiz**, Focus Teachers Team Ramanathapuram, Tamilnadu, 8th August 2020.
232. **Online Faculty Development Programme on “Cutting-Edge Technology, AI and Data Science Trends”**, RGPV, under TEQIP-III & Department of Information Technology, Mahakal Institute of Technology, Ujjain (MP), 8th to 10th August 2020.
233. **One Day National Level Webinar on topic “New Education Policy 2020: Possibilities & Challenges”**, the college in collaboration with Indian Society of Gandhian Studies (I.S.G.S.), Rameshwar Laxmi Mahto Teachers’ Training College Mirzapur, Rosera

(Samastipur), Bihar, 9th August 2020.

234. **Online Webinar on “How to continue our study during COVID-19 Pandemic”**, Gautam Buddha Teachers’ Training College Hazaribag, Jharkhand, India, 9th August 2020.
235. **Three Days National Webinar on “Plasma Physics: Present & Future Aspects”**, Department of Physics, Shri Vaishnav Institute of Science, Shri Vaishnav Vidhyapeeth Vishwavidhyalaya, Indore, 10th to 12th August 2020.
236. **National Level Online Workshop on “ONLINE EDUCATIONAL RESOURCES FOR LEARNING, TEACHING AND RESEARCH”**, Department of Economics, Satavahana University, Karimnagar-505001, Telangana State, INDIA, 10th August 2020.
237. **National Webinar on “Aatma Nirbhar Bharat Me Gramin Arthavyastha ki Bhumika”**, Organized by Dept. of Economics and Internal Quality Assurance Cell (IQAC), Sponsored by State Project Directorate under World Bank MPHEQIP, Department of Higher Education, Govt. of Madhya Pradesh Bhopal, Govt. P.G. College, (Autonomous) Datia Madhya Pradesh, 10th August 2020.
238. **RAPID FIRE CODING CONTEST**, conducted By TECHSTUDENTS, 12th August 2020.
239. **One Week FDP on “Sustainable Technology- Innovation and Foundation for Future”**, Department of Electrical Engineering, Haldia Institute of Technology Haldia, 12th to 16th August 2020.
240. **National Webinar on “Impact of COVID-19 on Academic Library Services”**, Department of Library and Information Science, Nehru Gram Bharti, Prayagraj, 12th August 2020.
241. **Two days National Webinar on “Fundamentals of Plasma Physics and Ion Implantation Techniques”**, Department of Physics, Shri Vaishnav Institute of Science, SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA, INDORE, 13th to 14th August 2020.
242. **National Webinar on “Security Challenges in VLSI Systems Design”**, Department of Electronics and Communication Engineering and Department of Electrical and Electronics Engineering, Mahakal Institute of Technology, Ujjain, 13th August 2020.
243. **Webinar on “Post Pandemic challenges and opportunities in Animal Health”**, organized by College of Veterinary & Animal Sciences, Meerut, Uttar Pradesh, Sardar Vallabhbhai Patel University of Agriculture and Technology, Meerut, Uttar Pradesh. 14th August 2020.
244. **Drawing competition on the theme “Corona Warriors”**, Ramco Institute of Technology, Rajapalayam - 626117 during the Independence day Contest – 2020, 15th August 2020.

245. **Intellectual Discourse on “Role of Women in India’s Struggle for Freedom”**, Organized by Lucknow Intellectual Forum, 15th August 2020.
246. **Webinar on “Transforming Youth into Responsible Vaccine& Engage them in Developing the Nation”**, Lead India Foundation, 15th August 2020.
247. **Online Quiz on Independence Day**, Ramco Institute of Technology, Rajapalayam - 626 117, Tamil Nadu During, 15th August 2020.
248. **Bilateral Indo-US Webinar on COVID Biology**, Indian Institute of Science education and Research Kolkata, India in collaboration with IISc, Bangalore, India, University of Pennsylvania, and the University of Colorado, School of Medicine, USA, 16th August -19th August 2020.
249. **Three Days Workshop on “Red Hat Modules”** Department of Computer Science Engineering, Information Technology, under Red Hat SAGE University Chapter, 17th to 19th August 2020.
250. **Two days Online FDP on “LATEST TRENDS IN COMPUTER VISION TECHNOLOGY AND APPLICATIONS”** RGPV, under TEQIP-III with Department of Electronics and Communication Engineering, Mahakal Institute of Technology, Ujjain (MP), 17th to 19th August 2020.
251. **One Day National Webinar on “Environment & Urbanization”**, Department of Geography & EVS, Arts, Commerce and Science College, Onde, Vikramgad, 18th August 2020.
252. **International FDP on “Modern Marvel of Research in Mechanical Engineering”**, Sagar Group of Institutes, 19th August to 21th August 2020.
253. **National Level Tech Smarta E- Quiz [Series - II]**, Department of Computer Science, NANDHA ARTS & SCIENCE COLLEGE koorapalayam Pirivu, Erode-638 052, Tamil Nadu, 19th August 2020.
254. **International Webinar on “Impact Behaviour of FRPs Composites”**, Department of Industrial Engineering & Management, Dr. Ambedkar Institute of Technology, Bengluru, 19th August 2020.
255. **Three days workshop on “AWS Cloud Computing”** AWS Academy Indore in association with ACM and CSI Chapter, Department of Computer Science Engineering / Information Technology, 20th August to 22nd August 2020.
256. **Short Term Training Program (STTP) on “Real Time Machine Learning”**, RGPV, under TEQIP-III & Department of Computer Science Engineering, Ojaswini Institute of Management and Technology, Damoh (M.P.), 20th August 2020.

257. **“Online Quiz on Income Tax Awareness”**, Department of Commerce, under IQAC Govt. Girls College Dhar (M.P.), 21st August 2020.
258. Webinar on **“Demystifying Literature Review: Unlashing the Power of various Techniques”**, Department of Computer Application, Feroze Gandhi Institute of Engineering & Technology, Raebareli, 22nd August 2020.
259. **One Day National Webinar on Theme: Leveraging Emerging Technologies Via Physics: A Leap towards Self-Reliant India “Topic -“Fundamentals of Microprocessor”**, Department of Physics in collaboration with WB-MPHEQIP’s “Academic Excellence ”Initiative & under the UMBRELLA of IQAC, 24th August 2020.
260. **One Week STTP on “Electric Vehicles: Challenges & Opportunities”**, Department of Electrical and Electronics Engineering, Sagar Institute of Research and Technology, Bhopal, 24th August to 29th August 2020.
261. **One Day National Webinar on “Theme: Leveraging Emerging Technologies via Physics: A Leap Towards Self-Reliant India Topic: “Fundamentals of Microprocessor”** Department of Physics, IQAC & In collaboration with WB-MPHEQIP’s “Academic Excellence” Initiative, Bherulal Patidar Govt. P.G. College, Mhow, 24th August 2020.
262. **National Level Webcast Quiz on “Nanoelectronics”**, School of Nanoelectronics, UTD-RGPV, Bhopal, 24th August 2020.
263. **Webinar on “Green Economy The Way Forward”**, Dr. D Y Patil School of Management & Dr. D Y Patil School of MCA, Pune, 24th August 2020.
264. **One Day National Webinar** Department of Physics, in collaboration with IQAC, SSM, Surya Sen Mahavidyalaya Surya Sen Colony, Block-B, Siliguri, 734004, W. Bon 25th August 2020.
265. **One Day Short Term Training Program (STTP) on “Repair, Retrofitting and Rehabilitation of Structure”** organized by RGPV, under TEQIP-III, & Department of Civil Engineering, Ojaswini Institute of Management and Technology, Damoh (M.P.), 25th August 2020.
266. **“Online Fit India Quiz”** conducted during “Fit India Movement contest - 2020” organized by National Cadet corps and National Service Scheme, Ramco Institute of Technology, Rajapalayam, 26th August 2020.
267. **National Webinar on “Swaraj Ke Maha Nayak LoakManyas Balgangadhar Tilak ka Samkaline Chintan”**, Department of History (IQAC), & State Projected Directorate, Department of Higher Education, Govt. of M.P. Bhopal, under World Bank Project (MPHEQIP), 26th August 2020.

268. **National Webinar on “Education and Digital Era”**, Department of Computer Science, School of Computational Sciences of Punyashlok Ahilyadevi Holkar Solapur University, Solapur (MS), 28th August 2020
269. **National Webinar on “Rethinking the Notions of Nation and Space: Alternative musings of Modernity from the Global South”**, Department of English, Maynaguri College of Department of English, Dhupguri Girls, College, & (IQAC) Maynaguri College, 29th August 2020.
270. **Two Days Online STTP on “Agile Software Development”**, RGPV TEQIP-III & Department of Computer Science and Engineering, Mahakal Institute of Technology, Ujjain, 29th August 2020.
271. **Webinar on “Visualising Quantum Mechanics”**, Edu-i-Academy, 30th August 2020.
272. **Webinar on “Microbiome, Immunity and Vaccines”**, Indian Association of Veterinary Microbiologists, Immunologists & Specialists in Infectious Diseases (IAVMI), Bareilly, Uttar Pradesh, 30th August 2020.
273. **Three Days Workshop on “AWS Cloud Computing”**, under AWS Academy Indore in association with ACM and CSI Chapter, & Department of Computer Science Engineering / Information Technology, SAGE University, Indore, 31st August 2020.
274. **“Anveshan (E-Quiz on Research Methodology & Techniques)”**, Department of Applied Science, SRIT, Bhopal, 31st August 2020.
275. **International Webinar on “Effective Presentation Skills”**, Department of Mechanical Engineering, ATME College of Engineering, Mysuru, 1st September 2020.
276. **One Day National Webinar on “MATHEMATICAL MODELLING OF STOCHASTIC TRANSPORT SYSTEMS THROUGH EXCLUSION PROCESS”**, Department of Mathematics in collaboration with WB-MPHEQIP’s, Bherulal Patidar Govt. P.G. College, Mhow, 1st September 2020
277. **National Webinar on “Employment Prospects in Bihar in the Context of Self-reliant India”**, University Department of Economics, Lalit Narayan Mithila University Darbhanga, 2nd September 2020.
278. **One Day National Webinar on Topic: “ADVANCES IN NANOTECHNOLOGY: IMPACT ON THE SOCIETY”**, Department of Chemistry in collaboration with WB-MPHEQIP’s “Academic Excellence Initiative & under the UMBRELLA of IQAC, Bherulal Patidar Govt. P.G. College, Mhow, 4th September 2020.
279. **Global Webinar Series – I on "South China Sea & the Emergence of Great Powers Rivalry"** Department of Political Science, Jawahar Lal Nehru College, Chakradharpur, 4th September 2020.

280. **International Webinar on “Recent Trends on Metals Corrosion in Indian Industry”**, Department of Industrial Engineering and Management, Dr. Ambedkar Institute of Technology, Bengaluru, Karnataka, 5th September 2020.
281. **Webinar on “Teaching FOLK-CAP way of Maths Problem Solving in FEB-STEAM areas of NxtGen” and “Teaching Learning Processes From Current Day Prospective”**, Department of Mechanical Engineering & Industrial Engineering and Management, with IGNOU, Sri Siddharth Institute of Technology, Tumakuru, 5th September 2020.
282. **Webinar on “VASTU SOLUTIONS-A SCIENTIFIC APPROACH”**, TEQIT III & Department of Civil Engineering, UIT RGPV, Bhopal, 5th September 2020.
283. **National Webinar on “Vegetarianism and Health Management During COVID-19”**, NEEV a Social Educational Initiative of IIT Alumni, Ramabai Govt. Women P. G. College, Akabarpur, Ambedkar Nagar, 5th September 2020.
284. **Webinar on “CANCER AWARENESS”**, Friends of Indore Cancer Foundation SVVV-Chapter, Shri Vaishnav Vidhyapeeth Vishwavidhyalaya, Indore, 8th September 2020.
285. **One Day National Webinar on “Innovation & Applications of Nanomaterials”**, Department of Physics & Nanotechnology, UIT, Barkatullah University, Bhopal, 8th September 2020.
286. **International E-Seminar on “Solar Activities in 21st Century”**, Department of Physics And Internal Quality Assurance Cell (IQAC), Govt. P.G. Autonomous College Datia, M.P.-475661, India, 8th September 2020.
287. **Two Days Online Workshop on “ADVANCES IN CONTROL SYSTEM AND APPLICATIONS”**, TEQIP-III & Department of Electrical Engineering, Veer Surendra Sai University of Technology, Burla, Odisha, 8th September 2020.
288. **Online Webinar on “A cursory Glance on Collide and Interface Science with special Reference to Nanoparticles”**, Tripura University Alumni Association (IUAA), 9th September 2020.
289. **Webinar on “Evolution of Quantum Theory”**, Department of Pure and Applied Physics, Guru Ghasidas Central University, Bilaspur, C. G., 11th September 2020.
290. **National Level E-Quiz on “NATIONAL NUTRITION WEEK 2020”**, Department of Home Science VPMM Arts & Science College for Women’s, Krishnankoil, Srivilliputhur, 11th September 2020.
291. **National Webinar on “MSMEs and Role of Universities”**, IQAC, Punyashlok, Ahilyadevi Holkar Solapur University, Solapur (MS), 12th September 2020.

292. **Two Day Online Workshop on “PROTECTION AND CONTROL TECHNIQUES FOR MICRO-GRID & ITS CHALLENGES”**, TEQIP-III and Department of Electrical Engineering, Veer Surendra Sai University of Technology, Burla, Odisha, 15th September 2020.
293. **One Day National Webinar on “Recent Advances in Carbon Nanomaterials”**, Department of Physics, Dr. Ambedkar Institute of Technology, Bengaluru-56, 16th September 2020.
294. **National Webinar on “Today’s Leader Makes Tomorrow’s Leader’s”**, Department of Electronics and Communication Engineering and Department of Electrical and Electronics Engineering, Mahakal Institute of Technology, Ujjain, 19th September 2020.
295. **International Webinar on “Industry 4.0 Fundamentals and Growth in Manufacturing Industry”**, Dr. Ambedkar Institute of Technology, Bengaluru, Karnataka, 19th September 2020.
296. **One Day National Webinar on “Frontiers of Scanning Probe Microscopy”**, TEQIP-III & Department of Applied Physics, Jabalpur Engineering College, Jabalpur, Madhya Pradesh 19th September 2020.
297. **The first panel discussion of Discussion Forum for Online Teaching (DFOT) “Online teaching: The Role of Administration”**, 20th September 2020.
298. **Webinar on “National Education Policy 2020”**, NEEV A social Education Initiative of IIT Alumni & Rudra Institute of Technology, Mawana, Meeruth, 20th September 2020.
299. **One Week Online Workshop on “Internet of Things (IoT) Enabled devices of Various Domain of Engineering”**, Department of Computer Science & Engineering, B. T. Kumaon Institute of Technology, Dwarahat, Almora (Uttarakhand), 21st September to 25th September 2020.
300. **National Webinar on Cosmology, “Observing the Origin and the evolution of Our Universe”**, Department of Physics, Bhairab Ganguly College, 23rd September 2020.
301. **Web-conference 2020 on “Challenges of Work Culture In Future With Impact of Pandemic Situation”**, Department of Commerce and Business Administration, Kodaikanal, Christian College, 24th September 2020.
302. **Quiz on “Effective Methods to Write Scientific and Technical Journals”**, Scienxt, Center of Excellence, 26th September 2020.
303. **Online Quiz on “Recent Trends in Nanotechnology”**, School of Nanotechnology, UTD-RGPV, Bhopal, Madhya Pradesh, 9th October 2020.

304. **International Virtual Workshop on “Recent Advancement in Astrophysics and Cosmology”**, P.G. Department of Physics, Tata College, Chaibasa (Kolhan University, Chaibasa), West Singhbhum, Jharkhand, India 833202, 12th October 2020.
305. **One Week (Online) Short Term Course on “Advanced Energy Materials”**, Department of Physics, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab (India), 12th October to 16th October 2020.
306. **Two Days National Webinar on “Recent Trends and Developments in Mathematics & Mathematical Sciences”**, Department of Mathematics, Belda College, W B, 16th October To 17th October 2020.
307. **“One Week International Research Orientation Programme”**, M. M. Institute of Computer Technology & Business Management (MCA), Maharshi Markendeshwar (Deemed to be University), Mullan, Ambala, Haryana & Elsevier India with RaxLabs Inc., USA, 26th October to 31st October 2020.
308. **AICTE – AQIS sponsored Online Four Weeks STTP on “Recent Trends in Energy Management and Audit”**, Rajiv Gandhi Institute of Technology Mumbai, 2nd November to 19th December 2020.
309. **Discussion Forum for Online Teaching (DFOT) “Online supervision of scientific research during the pandemic”**, 8th November 2020.
310. **AICTE Sponsored Six Days STTP on “Challenges and Opportunities in Electric Vehicle Technologies Adoption-Series: 01”**, Department of Instrumentation and Control Engineering, Sri Krishna College of Technology, Coimbatore, 16th November to 21st November 2020.
311. **AICTE Sponsored Short Time Training Program Phase-I on AI-MIMO MILLIMETER (mm) WAVE AND MASSIVE MIMO APPLICATIONS FOR 5G WIRELESS NETWORKS USING AI** Department of Electronics & Communication Engineering, Gokaraju Rangaraju Institute of Engineering & Technology, 16th November to 21st November 2020.
312. **Two Days National Webinar on “Shrii Shrii Anandumurtijii;s Contribution to Philosophy, Science Neo-humanism, Economics & Neo-humanist Education”**, Punjab University, Chandigarh, 17th November to 18th November 2020.
313. **Webinar Series on Research and Publication Ethics Webinar on “Journal Indexing Database and Impact Factor”**, Progress YouTube channel, 22nd November 2020.
314. **AICTE Sponsored Six Days Online Short Time Training Program on “Design & Development of IoT Applications (PHASE-I)”**, Department of Electronics and Communication Engineering, East West Institute of Technology, 23rd November to 28th November 2020.

315. **Online Faculty Development Programme on “Finite Element Methods”**, Department of Mechanical Engineering, Ajay Kumar Garg Engineering College, Gaziabad, 23rd November to 27th November 2020.
316. **AICTE-AQIS Sponsored Short Term Online Training Programme on “Enabling Wireless Technology: Software Defined Radio Applications on SISO Packet Based Communications”**, School of ECE, KEL Technological University, Hubli, 23rd November to 27th November 2020.
317. **Celebration of National Law Day, “SAMVIDHAN DIWAS”**, ICFAI Law School, The ICFAI University, Dehradun, 26th November, 2020.
318. **Three days International Webinar Conference on “Uncertainty Theory and Decision Making-2020”**, School of Applied Science and Department of Computer Application (MCA), Haldia Institute of Technology, Haldia, India in collaboration with Moulana Abul Kalam Azad University of Technology, West Bengal, India, 28th November to 30th November 2020.
319. **Webinar on “Writing Research Proposal and Research Funding for Women and Young Researchers”** Progress with YouTube channel, 29th November 2020.
320. **AICTE Sponsored One Week Online STTP on “RESEARCH ASPECTS OF POWDER METALLURGY BASED DIRECT DIGITAL MANUFACTURING”**, Department of Mechanical Engineering, Mepco Schlenk Engineering College (Autonomous), Sivakasi, 30th November to 5th December 2020.
321. **National Seminar on “Recent Developments In Applied Mathematics”**, School of Mathematics, Kumaraguru College of Liberal Arts and Science, Coimbatore, 30th November 2020.
322. **AICTE-AQIS Sponsored Short Term Online Training Programme on “Enabling Wireless Technology: Software Defined Radio Applications on MIMO Packet Based Communication”**, School of ECE, KLE Technological University, Hubli, 7th December to 12th December 2020.
323. **AICTE Sponsored Six Days FDP on “Recent Trends in Cloud Computing”**, DRIEMS Autonomous Engineering College Cuttack, 7th December to 12th December 2020.
324. **National Webinar on “Recent Trends in Inclusive Education”**, Madonna College for the Deaf and Madonna Comprehensive Resource Centre for Persons with Disabilities, Vijayawada, & Immaculate Heart of Mary Society for the Welfare of Disabled in collaboration with CBM, Andhra Loyola College and Youth4Jobs, 8th to 9th December 2020.
325. **National Webinar on “Reliability & Survival Analysis”**, Department of Mathematics,

Kalinga University Naya Raipur Chhattisgarh INDIA, 10th December 2020.

326. **AICTE Sponsored Short Term Training Programme on “Importance of Research Methodology in Clinical Research & Pharmacovigilance”**, Institute of Pharmacy, PSIT, Kanpur, UP, 14th December to 19th December 2020.
327. **One Week Short Term Training Programme on “Explainable Artificial Intelligence and Machine Learning for Solving Learning Problems Using Python and Tensor flow”**, AICTE Education & Department of CSE, Sreenewasa Institute of Technology & Management Studies, Chittoor, 14th December to 19th December 2020.
328. **One Week Short Term Training Program (STTP) on “Business Intelligence”**, AICTE Quality Improvement Scheme (AQIS), Department of Computer Science and Engineering, Textile and Engineering Institute, Ichalkaranji, 14th December to 19th December 2020.
329. **National Symposium (Online) on “National Education Policy-2020 and Technical Education”**, Dr. Ambedkar Institute of Technology, Bengaluru, 17th December to 19th December 2020.
330. **Two Days National Level Webinar on “INCLUSION HUDDLE 2.0 ROADMAP OF DISABILITY INCLUSION IN HIGHER EDUCATION AND EMPLOYMENT”**, Youth4jobs Foundation & Alkesh Dinesh Mody Institute of Financial and Management Studies-University of Mumbai, Wilson College Mumbai & K J Somai College of Engineering, Mumbai, 18th December to 19th December 2020.
331. **International Quiz on “Role of Technology in COVID-19 Pandemic”**, Parul Institute of Computer Application, Faculty of IT and Computer Science, Parul University, 21st December 2020.
332. **AICTE Sponsored Six Days Online ‘Short Term Training Program (STTP)’ on “Automation Technologies”**, Conducted by, Department of Electrical and Electronics Engineering & Centre of Relevance and Excellence(CORE), Ajay Kumar Garg Engineering College, Ghaziabad, Uttar Pradesh, December 21st December to 29th December 2020.
333. **“National Level Quiz on Mathematics Awareness”** Department of Computer Science of Ashoka Center for Business and Computer Studies, Nashik, 22nd December 2020.
334. **International Workshop on “Srinivasa Ramanujan: The Man Beyond Infinity”**, Srinivasa Ramanujan Department of Mathematics, Centre for Vedic Mathematical Studies, Central University of Himachal Pradesh, Dharamshala, Kangara, Himachal Pradesh, 22nd December 2020.
335. **IUCAA – NCRA Radio Astronomy Winter School 2020 (RAWS2020)**, Inter-University Centre for Astronomy and Astrophysics, National Centre for Radio Astrophysics, Tata

Institute of Fundamental Research, Pune, 28th December 2020 to 9th January 2021.

336. **AICTE-AQIS Sponsored Online Short Term Training Program (STTP) on “Behavioural Remodelling for Enhancing Classroom Delivery of Teachers”**, Department of Electrical and Electronics Engineering, Dr. AIT, Bengaluru, 4th January to 9th January 2021.
337. **AICTE Sponsored Online Short Term Training Program (STTP) on “Design & Development of IoT Applications (Python, Processor, IoT, ML)” PHASE-II**, Department of Electronics and Communication Engineering, East West Institute of Technology, Bangalore, 4th to 9th January 2021.
338. **One Week STTP on “Additive Manufacturing for Medical and Aerospace Applications (Phase-4)”**, Department of Mechanical Engineering, Shri Vishnu Engineering College for Women’s, Bhimaravam, A.P., 4th to 9th January 2021.
339. **AICTE Sponsored One Week Online ‘Short Term Training Program (STTP)’ on “Practical Approaches for Next Generation Sequencing Technologies and Data Analysis towards Health Care”**, Department of Biotechnology, K. S. Rangasamy College of Technology, Tiruchengode, Tamil Nadu, 4th January to 9th January 2021.
340. **One Day Workshop on “The Rise of Composite in Aerospace Industry”**, TEQIP-3 & Department of Industrial and Production Engineering, Sri Jayachamarajendra College of Engineering, JSS Science and Technology University, Mysuru, 22nd January 2021.
341. **Online Quiz on India**, NSS Ramco Institute of Technology, Rajapalayam, Tamil Nadu, 26th January 2021.
342. **5 Day Online FDP on “Power Electronics Applications in Electrical Vehicle’s and Energy Storage”**, TEQIP-3, & Department of Electrical and Electronics Engineering, National Institute of Technology, Karnataka, Surathkal, 25th January to 29th January 2021.
343. **2nd Winter School on Observational Astronomy**, at Varahamihir Astronomical Observatory, Dongala, & M. P. Council of Science & Technology, Bhopal & Indian Institute of Technology, Indore, & Indian Institute of Astrophysics, Bangalore, 01st February to 2th February 2021.
344. **“ONLINE QUIZ ON INDIA”** organized by NSS, Ramco Institute of Technology, Rajapalayam, Tamil Nadu, 26th January to 2nd February 2021.
345. **“International e-Symposium on Biodiversity (IeSB-2020-SSC)”**, Swami Sahjanand College, Mandar Nature Club Bhagalpur & Science for Society Bihar, 3rd February to 4th February 2021.
346. **AICTE Sponsored 6 Days Online STTP on “Design & Development of Applications (Python, Processor, IoT, ML)”**, PHASE-III, Department of Electronics &

Communication Engineering, East West Institute of Technology, Bangalore, 8th February to 13th February 2021.

347. **2 Days Workshop on “Applications of Gnomio Moodle for Outcome Based Education”**, Madhuben & Bhanubhai Patel Institute of Technology, New Vallabh Vidyanagar, 12th February to 13th February 2021.
348. **AICTE-AQIS Sponsored STTP on “Be The Change-Teaching Learning Process” Slot no. 2**, HR & Faculty Training Academy, B. S. Abdur Rahman Crescent Institute of Science & Technology, Chennai, Tamilnadu, 15th February to 20th February 2021.
349. **2 Week Online FDP on “Renewable Energy Intervention in Industry, Commercial & Domestic Applications”**, Department of Mechanical Engineering, Rajeev Gandhi Memorial College of Engineering & Technology, Nandyal, Andhra Pradesh, 15th February to 27th February 2021.
350. **One Week STTP Phase-3 on “Recent Advances in Industrial Automation & Robotics”**, Department of Mechatronics Engineering, Kumaraguru College of Technology, Coimbatore, 15th February to 20th February 2021.
351. **National Webinar on “Environmental Awareness & Sustainable Development”**, Department of Engineering, ARKA JAIN University, Jharkhand, 19th February 2021.
352. **Online Quiz on “International Mother Language Day 2021”**, International Quality Assurance Cell, Nishitha Degree College, Nizamabad, Telangana, 21st February 2021.
353. **AICTE Sponsored STPP on “DEVELOPING CYBER SECURITY MODELS USING STATISTICAL AND DEEP LEARNING” PHASE-III**, Department of Information Technology, Vishnu Institute of Technology, Vishnupur, Bhimavaram, Andhra Pradesh, 22nd February to 27th February 2021
354. **National Webinar on “Contribution of Indian Scientists in Physics”**, Department of Physics & IQAC and MPHEQIP, Rani Durgawati Govt. College, Paraswada-Dist.-Balaghat (M. P.), 23rd February 2021.
355. **National Webinar on “Modern Spectroscopic Techniques in Chemistry”**, MPHEQIP & World Bank Project & Dr. SSN Government College Malankhand, District Bhalagath, (M.P.), 25th February 2021.
356. **“Online Quiz on National Science Day-2021”**, Internal Quality Assurance Cell, Nishitha College Nizamabad, Telangana, 28th February 2021.
357. **2 Days Webinar on “Observance of National Science Day”**, Indian Association of Physics Teachers & Shri Vaishnav Vidhyapeeth Vishwavidhyalaya, Indore, 28th February to 1st March 2021.
358. **Webinar on National Science Day**, Department of Physics & Mathematics, Govt. Arts

Science & Commerce College, Nagda, Ujjain M.P., 1st March 2021.

359. **5 days FDP on “Quantum Computing”**, TEQIP-III, Rajasthan Technical University, Kota & Jaipur Engineering College & Research Center, Jaipur, 2nd March to 6th March 2021.
360. **Awareness Quiz on “Global Warming & Climate Change”**, Department of Biotechnology, & IEEE-EMBS Student Chapter, K. S. Rangaswamy College of Technology, Tiruchengode, Tamilnadu, 05th March 2021.
361. **Online Science Quiz Competition on “National Science Day”**, Science Club & MPHEQIP-World Bank Project & IQAC government College Manawar, Dhar, (M.P.), 05th March 2021.
362. **Mentorship Program on “Sustainable Development Goals (SDG-5)”**, IGDTUW – ANVESHAN FOUNDATION IGDTUW Campus, Kashmere Gate, Delhi-110006, A Business Incubator Promoted by INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN (IGDTUW), 06th March 2021.
363. **National Webinar on “Women Empowerment in Modern Era”**, Women Cell & NSS Department, Swami Swatantratanand, Memorial College, Dinanagar, 8th March 2021.
364. **National Webinar on “Innovative Research for Community Empowerment”**, Center for Management Studies, North Eastern Regional Institute of Science & Technology, Nirjuli, Arunachal Pradesh, 10th March 2021.
365. **National Webinar on “Effective Teaching & Learning with Digital Tools”**, IQAC, Nishitha Degree College, Nizambad, Telangana, 10th March 2021.
366. **Online One Day National Workshop on “Innovative Experiments in Physics-21”**, Physics Department, CSE Department & IQAC with IAPT RC-09, Govt. Girls P.G. College Ujjain, 12th March 2021.
367. **Virtual Seminar on “New Education Policy 2020”**, Institute of Technology and Science, Ghaziabad & AICTE, New Delhi, 12th March 2021.
368. **Online Workshop on “Tools for Collaborative teaching & Learning”**, Department of Computer Science, Chevalie T. Thomas Elizabeth College for Women, Chennai, 12th March to 20th March 2021.
369. **STTP on “Emerging Trends in Research Methodology”**, Department of Civil Engineering & Department of Management Studies, MANIT Bhopal, 16th March 20th March 2021.
370. **3 Days FDP on “Interdisciplinary Aspects of Nanotechnology”**, TEQIP-III & School of Nanotechnology, UTD-RGPV, Bhopal, 23rd March 25th March 2021.

371. **One Day National Webinar on “Communication Skills for Effective Learning”**, Department of Home Science, S.S.M College, Dinanagar, 24th March 2021.
372. **One Day Workshop on “National Education Policy-2020: Opportunities in Research & Innovation”**, School of Physical Sciences, JNU, New Delhi, 31st March 2021.
373. **Three Days National E-Workshop on “Pandemic and Emotional Configuration: Literary Response Across Time and Space”**, IQAC & Department of English, S.S.M College, Dinanagar, Gurdaspur, Panjab, 23rd to 25th April 2021.
374. **International Webinar on “Machine Learning for Predictive Maintenance”**, Dr. Ambedkar Institute of Technology, Bengaluru, Karnataka, 22nd May 2021.
375. **“3 days online wellness workshop-AYSHMAN”**, Institute of Technology & Science, UG Campus, Mohan Nagar, Ghaziabad, 01st July to 3rd July 2021.
376. **National level online workshop on “React JS”**, Department of Electronics & Communication & Brain O Vision India Pvt. Ltd & National Youth Council of India, AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY VINAYAKA MISSION'S RESEARCH FOUNDATION - DEEMED TO BE UNIVERSITY, Chennai, 5th July to 10th July 2021.
377. **National webinar on “Gravitation & Cosmology”**, Department of Physics & TQAC Bhirab Ganguly College, West Bengal, 19th July 2021.
378. **National webinar on “Execution of National Education Policy 2020 in Pandemic Panorama: Opportunities & Challenges”**, Smt. Mittal College of Arts and Commerce, Mumbai & IQUAC Chrestian Eminent College, Indore, 24th July 2021.
379. **Five Days Online FDP on “Recent Trends in Mechanical Engineering”**, IcfaiTech, ICFAI University, Jaipur & IET (UK), Delhi, 20th to 24th July 2021.
380. **National webinar on “Recent Advances in Chemistry”**, Department of Chemistry & IQAC, Govt. GNA PG College Bhatpara, (CG), 26th July 2021.
381. **National Webinar on “Chip Design”**, Shri Vaishnav Vidhyapeeth Vishwavidhyalaya, Indore, 30th July 2021.
382. **National Skill India Program on “Advanced Materials for Next Generation Devices”**, Department of Physics, SRM Institute of Science and Technology, & CSIR- Advances Materials and Processes Research Institute, Bhopal, 30th July 2021.
383. **Online Student Development Program “Development of Students Skills in Learning”**, Department of History and Department of Physical Sciences, Govt. Degree College, Dharmanagar, North Tripura & Department of Physics, Sao Chang College, Tuensang,

Nagaland, 01st August 2021.

384. **Webinar on “Development of governing Equations of Fluid Flow”**, Department of Mathematics, KPR Institute of Engineering and Technology, Arasur, Coimbatore, 02nd to 03rd August 2021.
385. **One Week Online FDP on “Synthesis, Characterization and Applications of Novel Materials”**, Department of Physics & Chemistry, Ramco Institute of Technology, Rajapalayam, Chennai, 02nd to 06th August 2021.
386. **Online Quiz on INDIA**, National Service Scheme of Ramco Institute of Technology, Rajapalayam, Chennai, 13th August 2021.
387. **Webinar on “English for Academic Research Papers: Writing Clarity, Concisely and Precisely”**, PEC-NISP Cell, PEC-EDC & PEC-IIC, 13th August 2021.
388. **National Level E-Quiz on “Electrical Machines”**, Department of Engineering & IT ARKA JAIN University, Jamshedpur, Jharkhand, 25th August 2021.
389. **2 Days International Conclave on “75 Years of Pragmatic Moves of Science & Technology in Independent India”**, Department of Applied Science, SIRT, SAGE University, Indore, M.P., & ISTE, 26th to 27th August 2021.
390. **National Webinar on “Importance of Vedic Mathematics in Today’s Scenario”**, Center for Vedic Mathematical Studies, Central University of Himachal Pradesh, Dharmashala, HP, 03rd September 2021.
391. **National Webinar on “ROBOTICS A Demand of New Era”**, Shri Vaishnav Vidhyapeeth Vishwavidyalaya, Indore 04th September 2021.
392. **Online National Seminar on “Recent Advances in Physics (Second in Series)”**, DBT Star College Scheme, BOSON-The Physics Club, Department of Physics, Goswami Ganesh Dutta Sanatan Dharma College, Chandigarh, 11th September 2021.
393. **International Webinar on “Introduction to MATLAB”**, Department of Mathematics, JSSATE, Noida, 17th September 2021.
394. **AICTE-ISTE Sponsored Six Days Online FDP on “Recent Trends in Cloud Computing Phase-3”**, Department of Computer Science and Engineering, DRIEMS Autonomous Engineering, 18th to 23rd September 2021.
395. **Online Workshop on “High Performance Computing for Astrophysics and Astronomy”**, SKA-India Consortium and Indian Institute of Technology Kharagpur, under the aegis of National Supercomputing mission, 20th to 23rd September 2021.
396. **Online Quiz on “NSS Day”**, National Service Scheme of Ramco Institute of Technology,

Rajapalayam, 24th September 2021.

397. **National Webinar on “Recent Advances in Mathematical Sciences (NWRAMS 2021)”**, Department of Mathematics, Maharaja Bir Bikram University, 29th to 30th September 2021.
398. **National Level E-Quiz on “Basics of Electrical & Electronics”**, Department of Engineering & IT, ARKA Jain University, Jamshedpur Jharkhand, 26th October 2021.
399. **Webinar on “An Introduction of Mathematical Modeling using Octave Programming”**, Center of Excellence intelligent, robotic Systems, Department of Electrical & Electronics Engineering, CMR Institute of Technology, Bengleru, 21st October 2021.
400. **Workshop on “Night Sky Astronomy”**, Pune India, 13th November 2021.
401. Webinar on **“Leadership Lessons from 1971 War on the 50th Anniversary of Vijay Diwas”**, Institutions Innovations Council, Hindu College, University of Delhi, 16th December 2021.
402. **National webinar on “Hydrogen Energy for Sustainable Development”**, NEEV a Social Education Initiative of IIT Alumni, 20th December 2021.
403. **National Webinar on “Protection of Human Rights”**, School of Liberal Arts, AJEEYANK DY Patil University & Research Culture Society, 29th December 2021.
404. **One Week FDP on “Computing with Matlab and LaTeX Software; Indispensable tools For Researchers”**, Department of Mathematics, Baba Farid College, Bathinda, & Department of Mathematic, Mizan-Tepi University, Ethopia, & MTTF India, 05th to 11th January 2022.
405. **Webinar on “Fundamentals of Quantum Mechanics”**, Department of Physics, LCIT College of Commerce and Science, Bodri, Bilaspur, CG, 10th January 2022.
406. **Two days Training Workshop on “LaTeX Scientific Documentation”**, MTTF, Fazika Abohr Road, Fazikla, Punjab, 15th to 16th January 2022.
407. **One week online FDP on “Software Defined Radio for Next Generation Wire-less Communications”**, School of ECE, KLE Technological Univvrsity, Hubli, 17th t 21st January 2022.
408. **Webinar on “Stress Management for Millennials”**, The Northcap University, Arizona State University, NEEV, 28th January 2022.
409. **Sokendai Asian Winter School 2022**, organized by Sokendia (Graduate University for Advanced Studies), Department of Astronomical Science, School of Physical Sciences, The Graduate University for Advanced Studies, SOKENDAI, Japan, 2nd to 4th February

2022.

LIST OF CONFERENCE/WORKSHOP/SYMPOSIUM CONDUCTED:

1. **2-week ISTE STTP on “Engineering Physics”**, MIT Ujjain with, IIT Bombay, 8th -18th Dec, 2015.
2. **“One Week Workshop on Nano Electro-mechanical Systems”**, Under RGPV TEQIP-3, MIT Ujjain, 18 May- 22 May 2020.
3. **“One Week Workshop on Importance of Applied Science and Humanities in Engineering”**, Under RGPV TEQIP-3, MIT Ujjain, 04 August - 08 August 2020.

EXPERT LECTURE TAKEN/ INVITED TALK DELIVERED:

1. Application of Nanotechnology to Astrophysics and Space Science, in Value-added Course, Department of Physics, Medicaps University, Indore. 25th to 29th July 2022.

ORGANIZING / TECHNICAL COMMITTEE MEMBER OF CONFERENCES / WORKSHOPS / SYMPOSIA:

1. Technical Program Committee Member in, *The 3rd Conference on Astrophysics and Space Science (APSS2017)*, Bangkok, Thailand, 3-5 Jan. 2017.
2. Technical Program Committee Member in, *2017 International Conference on Engineering Physics and Optoelectronic Engineering*, Thammasat University Rangsit Campus, Bangkok, Thailand, 21-23, April, 2017.
3. Technical Program Committee Member in, *2020 International E-Conference on Plasma Theory & Simulation (PTS 2020)*, Department of Pure and Applied Physics, Guru Ghasidas Central University, Bilaspur (C.G.), India, 14-15 September 2020.

REFRESHER'S COURSES ATTENDED:

1. **Science Academies' Refresher Course on “Frontiers of Theoretical Physics”**, Sponsored by Indian Academy of Sciences, Bengaluru, Indian National Science Academy, New Delhi, The National Academy of Sciences, India, Prayagraj, Organized by Physics Department, Assam Don Bosco University, Assam, from 1st February to 16th February 2021.

2. **AICTE/ISTE Refreshers Programme on “Recent Trends in Cloud Computing”**, DRIEMS, Autonomous Engineering College, Tangi, Cuttack, Odisha, 24th April to 28th April 2021.
3. Online Refresher Course on **“CHALLENGING TRENDS AND INNOVATIONS IN TEACHING & RESEARCH IN HUMANITIES & SOCIAL SCIENCES”**, Under the Scheme of Pandit Madan Mohan Malviya National Mission on Teachers and Training (PMMMNTT), Ministry of Education, Govt. of India, ISWAR SARAN P.G. COLLEGE, University of Allahabad, Prayagraj, 17th August to 1st September 2021.

AWARDS / RECOGNITIONS:

1. Chair a Session of Plasma Physics in 14th Asia-Pacific Physics Conference (APPC-14), The Association of Asia Pacific Physical Societies (AAPPS) and Institut Fizik Malaysia, Kuching, Sarawak, Malaysia, 17- 22 November 2019.
2. Judge in a Session in National Conference on Physics & Chemistry of Materials, Department of Physics, Govt. Holkar Science College, Indore, 14-16 December 2020.
3. Convener (outstation) of Physical Science Section in “44th Indian Social Science Congress”, TEQIP-III & Samarat Ashok Technological Institute, Vidisha, 15th March to 19th March 2021.
4. I am serving as Councilor in Plasma Science Society of India (PSSI) for Session 2022-2024.

REVIEWER OF JOURNALS:

- *Astrophysics and Space Science*
- *Physics of Plasmas*
- *Physica Scripta*
- *International Journal of heat and mass transfer*
- *Journal of Porous Media*
- *Z Naturforsch*
- *Journal of Astrophysics & Astronomy*
- *Journal of Applied Physical Science International*
- *Physical Science International Journal*
- *Journal of Basic and Applied Research international*

ACTIVITIES AND MEMBERSHIP:

- Life Membership of **Plasma Science Society of India (PSSI) (LM-821)**.
- Life Membership of **Association of Asia Pacific Physical Societies Division of Plasma Physics (AAPPS-DPP) (LM-914)**.

- Life Membership of **Indian Physical Society (LM-1100).**
- Life Membership of **Astronomical Society of India (LM-2211).**
- Life Member of **Indian Society of Atomic and Molecular Physics (ISAMP) (LM-1631).**
- **Institute of Economic Development and Social Research of Turkey (IKSAD).**
- Member of **International Association of Mathematical Physics.**
- Life Member of **American Association of Science and Technology (AACSIT).**
- Senior Member **International Association of Computer Science and Information Technology (IACSIT) No. - 80344907.**
- Life Professional Membership of **Institute of Scholars (InSc): InSc20211835.**
- Life Member of **Madhya Pradesh Vigyan Parishad Samiti.**

EXTRA CURRICULAR ACTIVITIES:

- Represented the University at National Level three times in Swimming.
- Participated in Cricket, Football and Hokey at district level.
- Participated in Hockey at Division Level.

Hobby:

• Listening music • Traveling • Reading • Singing.

Place: Ujjain (M.P.)

Date:...../...../.....

Dr. Sachin Kaothekar