

PROFILE

Dr. D. VEERA NAGENDRA KUMAR

M.Sc., M.A., B.Ed., Ph.D.

Assistant Professor

Department of Zoology

Government College for Men (A), Kadapa,

A.P. India - 516504

Phone: +91 9492657661 (*Mobile*)

E-mail: veeranagendrakumar@gmail.com



Ph.D. (Zoology):	Sri Venkateswara University, Tirupati.	2010.
M.Sc. (Zoology):	Sri Venkateswara University, Tirupati.	2005.
B.Ed. (Biology & English)	Sri Venkateswara University, Tirupati.	2003.
B.Sc. (Botany, Zoology & Chemistry)	Sri Venkateswara University, Tirupati.	2002.
M.A. (English)	Sri Venkateswara University, Tirupati.	2008.

Awards:

- ❖ Young Zoologist Award (2024): Edwin INC, France
- ❖ State Best Research Publication Award (2023) – Commissioner of Collegiate Education Government of Andhra Pradesh.
- ❖ Global Youth Icon Award 2022 – ICERT, New Delhi.
- ❖ Young Scientist Award 2021 – Novel Research Academy, Pondicherry
- ❖ Prof. Indira Sriram Cash Prize Award for First Rank in MSc Zoology entrance exam (SVUCET-2002), Sri Venkateswara University, Tirupati.
- ❖ Best Oral Paper Presentation Award in International conference on new generation horticulture for prosperity organized by the Odisha horticultural society and University of Agricultural and technology, Bhubaneswar, Odisha, on 20th and 21st January 2023.

- ❖ 1st Prize for Best Oral Paper Presentation Award in International hybrid workshop on Integrating Pharma Education & Research in Developmental Therapeutics” held at RBVRR Women’s College of Pharmacy from March 21st -26th 2022.
- ❖ 1st Prize for Best Oral Paper Presentation Award in International hybrid workshop on Recent trends in science and technology held at Willingdon College, Sangli, and Maharashtra on 29/06/2022.
- ❖ 1st Prize for Best Oral Paper Presentation Award in International conference on organized by New research and innovation society in association with Addis Ababa science and Technology University, Biotechnology and bioprocess Centre of excellence Ethiopia and Karpaga Vinayaga College of Engineering and technology, Chengalpattu, India held during October 6 to 8 -2023

Ph.D. Title:

Neuroprotective Role of *Pimpinella tirupatiensis* Tuberous Root Aqueous Extract on Brain Antioxidant Status and the Key Enzymes of Energy Metabolism on STZ - Induced Diabetic Male Wistar Albino Rat.

Research Interests:

Physiology and Pharmacology, Diabetes- Oxidative stress, Alcohol Toxicology,
Free Radical Biology

UGC Research Project:

Neuroprotective Role of *Bacopa monnieri* Extract on Alcohol Induced - Oxidative Stress in Rat Brain 2015-2017 (Completed)

Research student:

Ph.D. pursuing: M. Rama Mohan under part time Ph.D. on 15-04-2022 Title: Exploratory studies of *Syzizium alternifolium* against Lead induced neurotoxicity

Membership

1. Life member of Indian Society of Comparative Animal Physiology, Tirupati.
2. Life member of Zoological society of Odisha, Bhubaneswar.
3. Life member of New research and innovations society, Tamil Nadu
4. Member of Indian Science Congress Association, Kolkata.

Editor In Chief: Journal of Experimental Biology and Pharmaceutical Sciences

Reviewer for International Journals:

1. Uttar Pradesh Journal of Zoology (Web of Science indexed journal)
2. Journal of Pharmaceutical Research International (Scopus indexed journal)
3. International journal of plant and soil research
4. Journal of Advances Microbiology
5. Asian journal of Infectious diseases
6. European journal of medicinal plants
7. Journal of Advance Biology and Biotechnology
8. Asian Journal of Research in Infectious Diseases
9. International Journal of Latest Technology in Engineering, Management & Applied Science
10. International Journal of Research and Innovation in Applied Science

EDITOR OF BOOK: Proceedings of National Seminar on “Drug addiction and abuse among youth”, February, 28th 2023, Department of Zoology & IQAC, SKR Govt. Degree College, Gudur, Tirupati. ISBN:978-93-5967-634-0 (Published on September, 2023)

Teaching:

Post-Graduation: Tools and Techniques in Biology, Molecular Biology, Neurobiology, Metabolic Regulation and Cell function

Under Graduation: Animal Physiology, Cell Biology, Animal Biotechnology and Immunology

- Vidwan ID: 291467
- ORCID: 0000-0002-1144-8252
- Web of Science research ID: ADF-1491-2022

PROFESSIONAL SERVICES:

- Assistant Professor, Department of Zoology, Government College for Men (Autonomous) Kadapa (2021- Till now)
- Convenor - Career guidance Cell, Government College for Men (Autonomous) Kadapa (2021- Till now)
- Subject expert – APSCHE, Vijayawada (BSc. Hons Anthropology)
- BOS member: Dept. of. Zoology (Graduation) Yogi Vemana University, Kadapa (2019 -2021)
- BOS member: Dept. of. Zoology (Graduation), Government College for Men, (Autonomous) Kadapa. (2018-2020)
- Lecturer cum in charge – Dept. of. Zoology, GDC Porumamilla, (2015-2021).
- Convener – Research Development Cell, GDC, Porumamilla, (2015-2021).
- Co-coordinator - Jawaharlal knowledge Centre, GDC, Porumamilla, (2017-2021)
- Mentor – TATA institute of social sciences Program, GDC, Porumamilla, (2016-2018)
- Lecturer in Zoology (UG & PG) Nagarjuna Govt College (A) Nalgonda. (2011-2014)

Participation of Orientation/Refresher/FDP/Short term

Training Programs:

(Under UGC-HRDC and PMMMNMTT-MHRD, Govt. of India)

1. Participated in Orientation Programme at UGC - ASC JNTUH, Hyderabad from 13th June to 06th July 2013 with Grade A.
2. Participated in Refresher course in Life Sciences at UGC-ASC Sri Venkateswara University, Tirupati, from 12th November to 01st December 2018 with Grade A.
3. Participated in STC on MOOCS, Content development and open educational resources at UGC - ASC Sri Venkateswara University, Tirupati, and 06th January to 11th January 2020.
4. Participated in FDP on Moodle Learning Management System organized by The Gandhi gram Rural Institute associated by Spoken tutorial, IIT Bombay from 01st June to 05th June 2020. (PMMMNMTT-MHRD).
5. Participated in STC on Challenges in discoveries of Anti-viral drugs and vaccines at UGC-ASC JNTUH Hyderabad from 8th June to 13th June 2020.
6. Participated in FDP on Development of careers in Higher education in India in the 21st century, GAD-TLC, SGTB Khalsa College, University of Delhi, from 23rd June to 27th June 2020 with grade A + (PMMMNMTT-MHRD).
7. Participated in FDP on New knowledge in Animal Sciences-Emerging Technologies in Molecular Biology, organized by APCCE, Vijayawada from 6th July to 10th July 2020.
8. Participated in FDP on Earth and environmental responses during Covid-19 (Zoology) at Savitri Pule Pune University, Pune, from 11th July to 17th July 2020. (PMMNMTT- MHRD).
9. Participated in National Workshop on Curriculum Design and Development at Central University of Punjab, Bathinda, from 21st July to 31st July 2020. (PMMNMTT- MHRD).

10. Participated in FDP on Imaging and shaping of Digital education and LMS towards development of high-quality e-content: video making-APP based end to end editing tools, Open Educational Resources, OBS studio, Pedagogy and assessment organized by APCCE, Vijayawada from 3rd August to 07th August 2020.
11. Completed MOOCs on Animal Physiology, organized by IIT Kanpur from September to December 2020. (NPTEL - AICTE Approved Course).
12. Participated in Refresher course in Life Sciences at UGC-ASC Sri Venkateswara University, Tirupati, from 24th February to 09th March 2021 with grade A +
13. Online Training Programme on Research Publication and Ethics organized by Central University of South Bihar, Gaya, Bihar from 15th March to 22nd march 2021. (PMMMNMTT-Ministry of Education, Government of India) with grade A
14. Training Programme for Teachers on Diary Technology - Content Delivery and Assessment Methods (TOT on Diary Technology)” organized by APCCE, A.P., Vijayawada in collaboration with Silver Jubilee Government College(A), Kurnool & KVR Government College for Women(A), Kurnool. from 10.08.2022 to 14.08.2022.
15. Participated in Refresher course in Zoology at Ramanujan college, University of Delhi collaboration with University College of science and Technology, Meghalaya from 28 November - 12 December, 2022 with Grade A.

RESEARCH PUBLICATIONS

International: 50

National: 12

Book Chapters: 14

Patents: 03

Number of Papers presented in Conferences/seminar/workshops: 21

Number of Conferences/seminar/workshops attended: 100

Published articles in Scopus, Web of Science and UGC CARE I Journals: 33

1. **D. Veera Nagendra Kumar**, H. Rama Subba Reddy, C. Venkata Krishnaiah, B. Jameela Beebi, B. Sreedevi and G. L. N. Prasad and C. Nageswara Reddy (2024). Evaluation of nephroprotective effect of Bacopa monnieri extract against alcohol induced oxidative stress in rats. Biochem. Cell. Arch. Vol. 24, No. 2 2079-2085 ([Web of Science](#))
2. **D. Veera Nagendra Kumar**, M. Rama Mohan, C. Venkata Krishnaiah, G. L. N. Prasad, B. Sreedevi and R. Manohar Srinivas Naik (2024). Toxicological Effects of Lead on Human Health: A Comprehensive Review. Journal of experimental Zoology India. Volume: 27, Issue No: 2(July), Page No: 1583-1588 ([Web of Science](#))
3. **D. Veera Nagendra Kumar**, K. Chandra Mohan, G. Seethamma, C. Narasimha Rao, U. Sreenitha and M. Rama Mohan (2024). Role of Edible Insects as Food Source: A Review. Indian Journal of Natural Sciences. 14,82: 67745-67751 ([Web of Science](#))
4. **D. Veera Nagendra Kumar**, C. Venkata Krishnaiah, G. Seethamma, G. Rajasekar, C. Nageswara Reddy and U. Srineetha (2024). Impact of Climate Change on Vector Borne Diseases and Public Health: A review. Uttar Pradesh Journal of Zoology. Volume 45, Issue 1, Page 18-26 ([Web of Science](#))
5. P. Sachi Devi and **D. Veera Nagendra Kumar** (2024). Effect of Sublethal Dose of Ethion on Selected Biochemical Parameters in the Pancreas of Albino Rat. Uttar Pradesh Journal of Zoology. Volume 45, Issue 1, Page 1-7 ([Web of Science](#)).

6. Histological analysis reveals that Red Grape Seed Extract (*Vitis vinifera*. L) Rejuvenates Antioxidant Enzymes in Male Albino Rats (Wistar strain) with D-Galactose-Induced Alzheimer's Disease (AD) Brain Regions: Effect of Red Grape Seed extract on Antioxidant enzymes and histopathology against Galactose-Induced Alzheimer's Disease (AD) Brain Regions. *Pharmacognosy Research*. 16 (4): 828-836 ([Web of Science-ESCI](#))
7. C. Venkata Krishnaiah, C. Narasimha Rao, H. Pallavi, B. Jameela Beebi, G. Venkata Subbaiah, D. Veera Nagendra Kumar (2024). Cardio protective activity of Methanolic extract of *Ventilago mederaspatana* leaves in STZ induced diabetic albino rats. *Biochem. Cell. Arch.* Vol. 24, No. 2, 2363-2367 ([Web of Science](#))
8. C. Narasimha Rao, P. Giridhar, B. Sreedevi, R. Manohar Srinivas Naik, G L N Prasad and D. Veera Nagendra Kumar (2024). Effect of Ginger on Cardiac Oxidative Stress and Carbohydrate Metabolic Profiles in STZ Induced Diabetic Rats. *Uttar Pradesh Journal of Zoology*. Volume 45, Issue 10, Page 34-42. ([Web of Science](#))
9. D. Veera Nagendra Kumar, G.L.N. Prasad, B. Sreedevi, P. Giridhar, K. Ganesh, A. Ramana Rao (2024). Therapeutic Potential of *Bacopa monnieri* Against Alcohol Induced Cardiac Toxicity in Rats. *Journal of Advanced Zoology*. 45, S3, 39-43. ([Web of Science](#))
10. Shama Parveen, Vikas Gupta, **D. Veera Nagendra Kumar**, M. Rama Mohan, U. Srineetha C. Narasimha Rao, C. Nageswara Reddy (2024). Biosynthesis and evaluation of metallic nanoparticles (ZnO-NPs) using *Ajuga macrosperma* (Ghonke ghas) leaf extract, along with antimicrobial and anticancer activity. *Advances in Bioresearch*. Vol 15 (2) 371-378 ([Web of Science](#))
11. Fr. Dr. T. Amala Arockia Raj S.J. Dr. M. Muniya Naik, K. Janardhana, A. Govardhan Naik, A. Jayasankar, **Dr. D. Veera Nagendra Kumar**, Dr. V. Uday Kiran (2024). A study on the Urine Analysis of selected teenagers using the Dipstick method. *Indian Journal of Natural Sciences*. 15, 83, 72590-72596 ([Web of Science](#))

12. G. Kondaiah, U. Srineetha, **D. Veera Nagendra Kumar**, C. Narasimha Rao (2024). Aluminum Toxicity Affects Different Organisms: A Mini Review. Uttar Pradesh Journal of Zoology, 45(16), 64–73. [\(Web of Science\)](#)
13. H. Rama Subba Reddy, Vijaya Kumar, G. Lakshmaiah, K. Harish Babu, C. Aruna, D. **Veera Nagendra Kumar**, V. Uday Kiran (2024). Exploring the Anti-diabetic Properties of Edible Mushrooms: A Comprehensive Review. Journal of Biodiversity and Environmental Sciences. 24(6), 52–57 [\(Web of Science\)](#)
14. C. Aruna, M. Muniya Naik, N. Chandra Mohan, R. Reddemma, D. Veera Nagendra Kumar, V. Uday Kiran (2024). A Comprehensive Review of Peste Des Petits Ruminants Virus (PPRV) Infection of Small Ruminant and Potential Treatment with Various Plant Extracts. Uttar Pradesh Journal of Zoology. Volume 44, Issue 24, Page 252-259 [\(Web of Science\)](#)
15. M. Vijaya Kumar, H. Rama Subba Reddy, A. Narayana Swamy, K. Jayappa, M. Sreekanth Reddy, **D. Veera Nagendra Kumar**, V. Uday Kiran (2024). A Therapeutic Evaluation of Anticancer and Pharmacological Abilities on Tinospora cordifolia: A Systematic Review. Uttar Pradesh Journal of Zoology. Volume 45, issue 13, 1-8 [\(Web of Science\)](#)
16. **D. Veera Nagendra Kumar**, K. Chandra Mohan, C. Narasimha Rao, C. Venkata Krishnaiah, U. Srineetha, P. Sachidevi (2023). Ameliorative Effect of Ginger on Blood Glucose Levels and Cardiac TCA Cycle Enzymes Activity in STZ Induced Diabetic Rat. Journal of Advanced Zoology. Volume 44 Issue S-5, Page 1238:1243 [\(Scopus, Web of Science and PubMed\)](#)
17. **D. Veera Nagendra Kumar**, C. Venkata Krishnaiah, V. Gurumurthy, G. Seethamma, M. Rama Mohan and C. Narasimha Rao (2023). Effect of Pimpinella tirupatiensis Extract on Brain Free Radical Toxicity in STZ Induced Diabetic Rats. Uttar Pradesh journal of Zoology. Volume 44, Issue 23, Page 116-123 [\(Web of Science\)](#)

18. **D. Veera Nagendra Kumar**, G. Seethamma, P. Sachidevi, P. Ramesh Kumar, K. Usha Rani and V. Uday Kiran (2023). Ameliorative Effect of Red Grape Seed Extract (*Vitis vinifera* L.) on Memory Deficits and Acetylcholinesterase Activity in D-Galactose-Induced Albino Rat. *International Journal of Zoological Investigations*. 9 (1), 200-204. **(Web of Science)**
19. **D. Veera Nagendra Kumar**, K. Chandra Mohan, P. Sachidevi, G. Seethamma C. Narasimha Rao, U. Srineetha (2023). Biological Activity and Health Promoting Properties of Honey: A Comprehensive review. *International Journal of Zoological Investigations*. 9 (2). **(Web of Science)**
20. **D Veera Nagendra Kumar**, C Venkata Krishnaiah, U Srineetha, P Sachi Devi, M Rama Mohan (2023). A Review on Butterfly Diversity and Distribution in Andhra Pradesh. *International Journal of Entomology Research*. Volume 8, Issue 12, Page No. 43-47 **(Web of Science)**
21. **D. Veera Nagendra Kumar**, C. Narasimha Rao, U. Srineetha, C. Nageswara Reddy, P. Sachidevi, and S. Prakash Rao (2023). Significant Impact of Ginger Extract on Oxidative stress Markers and Lipid Peroxidation in Diabetic Male Albino Rats. *Biological Forum – An International Journal*. 15(1): 412-418. **(UGC-CARE Group 1)**
22. Shama Parveen, Anuj kandwal, C. Narasimha Rao and **D. Veera Nagendra Kumar** (2023). Green Fabrication of Titanium Dioxide Nanoparticles and their Antimicrobial and Anticancer Activities. *Asian Journal of Chemistry*. 35, (6), 1315-1319. **(SCOPUS)**
23. Shama Parveen, Vikas Gupta, Anuj knadawal and **Veera Nagendra Kumar** (2023). In Vitro Antimicrobial and anticancer activity of metallic nanoparticles (Ag and FeO) against Human pathogenic bacteria and cancer cell lines. *Engineering proceedings*. 56, 294 **(SCOPUS)**
24. V. Uday Kiran, M. Thulasi, M. Sreekanth Reddy, Dr. H. Ramasubba Reddy, Dr. C. Aruna, P. Ramesh Kumar, R. Reddemma, Dr. D. Veera Nagendra Kumar, Dr. M. Muniya Naik, K. Janardhana (2022). Role on Experimental and ethical issues with using animal models in Pathological and Medicinal plant research-A Review. *Neuro Quantology*, volume 20, Issue 1, Page 1169-1174. **(SCOPUS)**

25. **D. Veera Nagendra Kumar**, K. R. Shanmugam, Ch. Ramakrishna, G. Venkata Subbaiah K. Sathyavelu Reddy (2017). Modulation of Pimpinella tirupatiensis aqueous extract on Brain Mitochondrial Enzymes in STZ induced diabetic rats. Journal of Applied Pharmaceutical Sciences. 7, (09), 076-080. **(SCOPUS)**
26. Fr Dr.T. Amala Arockia Raj.SJ, Dr Muniya Naik, **Dr. D. Veera Nagendra Kumar**, G. Sankaraiah M. Obula Reddy, S. Nagendra V. Uday Kiran, M. Rama Mohan, L. Nagaraj, P. Venkata Viswa Prasad (2022). Assessment of Water Quality Parameters in different points of Pulivendula Constituency. International Journal of Food and Nutritional Sciences. 11(7), 1073-1078. **(UGC-CARE Group 1)**
27. Dr. M. Muniya Naik, A. Jaya Sankar, P. Ramesh Kumar P. Venkata Viswa Prasad, **Dr. D. Veera Nagendra Kumar**, C. Narasimha Rao M. Rama Mohan, V. Uday Kiran, Dr. P. Subramanyam, K. Chandra Mohan (2022). Photochemical Screening of various Health Promoting Components in Red Grape Seed (*Vitis vinifera. L*), Tinospora cordifolia and Phyllanthus emblica fruit extracts. International Journal of Food and Nutritional Sciences, 11, (8), 28-36. **(UGC-CARE Group 1)**
28. M. Muniya Naik, P. Ramesh Kumar, A. Jayasankar, P. Venkata Vishwa Prasad, V. Uday Kiran, P. Sahadeva, M. Rama Mohan, **D. Veera Nagendra Kumar** (2023). A significant role of Skill Development Training on Mushroom Cultivation in Loyola Degree College (YSRR) Pulivendula YSR Kadapa District of Andhra Pradesh. Advances in BioResearch. 14 (2), 66-71 **(Web of Science)**
29. Fr. T. Amala Arockia Raj S. J, M. Muniya Naik, M. Rama Mohan, P. Ramesh Kumar, Venkata Vishwa Prasad, K. Chandra Mohan, R. Reddemma, **D. Veera Nagendra Kumar**, G. Vinay CVS and Uday Kiran (2023). Preparation of Hand-Made Chocolates and the Nutritional Composition of its Ingredients. Biological Forum – An International Journal. 15(1): 64-68. **(UGC-CARE Group 1)**

30. C. Narasimha Rao, C. Nageswara Reddy, P. Sachidevi, G. Seethamma, **D. Veera Nagendra Kumar** (2022). Efficacy of Bacopa monnieri on oxidative stress and Na^+/k^+ , Ca^{2+} ATP ASE activity against alcohol induced Myocardial damage. International Journal of Food and Nutritional Sciences. 11(11), 731-736. **(UGC-CARE Group 1)**
31. U. Srineetha, G. Seethamma, S. Prakash Rao, **D. Veera Nagendra Kumar** (2022). Neuroprotective Potential of Bacopa monnieri: A Comprehensive Study. International Journal of Food and Nutritional Sciences. Volume.11, Issue13, 104 -111. **(UGC-CARE Group 1)**
32. U. Srineetha., **D. Veera Nagendra Kumar.**, C. Narasimha Rao (2022). Environmental protection and regulation policy in India. Rabindra Bharati journal of philosophy Vol.: XXIII, No: 27, 172-182. **(UGC-CARE Group 1)**
33. C. Narasimha Rao., U. Srineetha. **D. Veera Nagendra Kumar** (2022). Edible insects: nutritional food source for the growing population. Rabindra Bharati journal of philosophy Vol.: XXIII, No: 27, 105-108. **(UGC-CARE Group 1)**
34. Dr Sachi Devi. P, Dr D. Veera Nagendra Kumar, G.L.N. Prasad (2024). Digital Applications in Indian Health Care Services-A Review. Journal of Pandemic Disaster and Recession Volume (4), Issue (1).465-469 **(Google Scholar)**
35. Narasimha Rao .C, Srineetha. U Veera Nagendra Kumar. D (2024). Insects and Public Health: A Comprehensive Review. Journal of Agriculture Veterinary and Marine Science, Vol.2, Issue. 1,317-321**(Google Scholar)**
36. Narasimha Rao C., Gurumurthy V., Srineetha U., Veera Nagendra Kumar D (2024). Advances In Sericulture: Innovations In Silkworm Breeding, Rearing, And Silk Production. International Journal of Creative Research Thoughts. 12; 9, 320-323. **(Google Scholar)**
37. Dr.U. Srineetha, D. Veera Nagendra Kumar, Narasimha Rao, Dr. P. Sachi Devi (2024). Physico-Chemical And microbial Quality and Characteristics of Street Vended Fruit Juices A Review. International Journal of Creative Research Thoughts. 12; 9, 240-250 **(Google Scholar)**

38. Kondaiah, G., U. Srineetha, D. Veera Nagendra Kumar, and C. Narasimha Rao. (2024). A Survey-Based Analysis of the Usage Experience of Aluminium Metal Vessels in Our Lives for Risk Assessment Among Kadapa City, Andhra Pradesh, India". Asian Journal of Research in Zoology 7 (4):30-40. **(Googe Scholar)**
39. Dr. U. Srineetha, **Dr. D. Veera Nagendra Kumar**, Dr. C. Narasimha Rao (2023). Effect of environmental acidic Ph on oxygen consumption of fish, zebra fish. Multidisciplinary research and practice (world record aiming anthology) ISBN:978-93-5749-529-5. JEC Publication. (Seminar Proceedings)
40. **D. Veera Nagendra Kumar**, C. Narasimha Rao, U. Srineetha **(2023)**. Ginger preserves liver carbohydrate metabolizing enzymes activity in STZ induced diabetic rats. Multidisciplinary research and practice (world record aiming anthology) ISBN:978-93-5749-529-5. JEC Publication. (Seminar Proceedings).
41. Dr. C. Narasimha Rao, Dr. U. Srineetha, **Dr. D. Veera Nagendra Kumar** (2023). Influence of glucocorticoids on the biology of silkworm larvae, bombyx mori (L.) Multidisciplinary research and practice (world record aiming anthology) ISBN:978-93-5749-529-5. JEC Publication. (Seminar Proceedings)
42. Dr. U. Srineetha, **Dr. D. Veera Nagendra Kumar**, Dr. C. Narasimha Rao (2023). Fish Health Maintenance in Aquaculture and Prevention and Control of Infectious Disease of Fish. International Journal of Advance and Applied Research. 4, (11); 1-5. **(Googe Scholar)**
43. Dr. C. Narasimha Rao, Dr. U. Srineetha, **Dr. D. Veera Nagendra Kumar** (2023). Influence of Vertebrate Hormones on the Biology of Silkworm, Bombyx mori (L.). International Journal of Advance and Applied Research. 4, (11); 19-21. **(Googe Scholar)**
44. **D. Veera Nagendra Kumar**, C. Narasimha Rao, U. Srineetha **(2023)**. Amelioration Of Altered Antioxidants Status by Ginger in STZ Induced Diabetic Rat Brain. Recent Advances in Humanities, Commerce, Management, Engineering, Science & Technology. Volume No: II, 2022, ISBN NO: 978-9-39-481914-6. Jyoti Kiran Publication, Pune International Publications. (Conference proceedings)

45. **D. Veera Nagendra Kumar**, S. Prakash Rao, S. Naresh (2023). Impact of medicinal plant species on controlling air pollution. NCPCSE-2023. ISBN No: 9789357807173. (Seminar Proceedings)
46. Dr. U. Srineetha, **Dr. D. Veera Nagendra Kumar**, Dr. C. Narasimha Rao (2023). Pediatric Asthma: causes and treatment. Recent Advances in Humanities, Commerce, Management, Engineering, Science & Technology. Volume No: II, 2022, ISBN NO: 978-9-39-481914-6. Jyoti Kiran Publication, Pune International Publications. (Conference proceedings)
47. C. Narasimha Rao., U. Srineetha. **D. Veera Nagendra Kumar** (2023). Nanotechnology for Sustainable Development of Fisheries and Aquaculture. Recent Advances in Humanities, Commerce, Management, Engineering, Science & Technology. Volume No: II, 2022, ISBN NO: 978-9-39-481914-6. Jyoti Kiran Publication, Pune International Publications. (Conference Proceedings).
48. **D. Veera Nagendra Kumar**, P. Sachidevi, G. Seethamma. (2023). Alcoholism And Harmful Effects of Alcohol: A Systematic Review. National Seminar on Drug addiction and abuse among youth. ISBN:978-93-5967-634-0. Page No: 1-8. (Seminar Proceedings).
49. C. Narasimha Rao, U. Srineetha, **D. Veera Nagendra Kumar** (2023). Effect of Drug Abuse on Development of Fetus and Newborns: A review. National Seminar on Drug addiction and abuse among youth. ISBN:978-93-5967-634-0. Page No: 9-14. (Seminar Proceedings).
50. **D. Veera Nagendra Kumar**, C. Narasimha Rao, U. Srineetha (2023). Protective Effects of Medicinal Plants against Neurotoxicity: A Review. National Seminar on Drug addiction and abuse among youth. ISBN:978-93-5967-634-0. Page No: 15-21 (Seminar Proceedings).
51. U. Srineetha, **D. Veera Nagendra Kumar**, C. Narasimha Rao (2023). Alcohol: Effect on Brain Functions. National Seminar on Drug addiction and abuse among youth. ISBN:978-93-5967-634-0. Page No: 32-43 (Seminar Proceedings).

52. **D. Veera Nagendra Kumar**, S. Naresh and S, Prakash Rao (2022). Beneficial effect of *Bacopa monnieri* against alcohol induced cardiac toxicity in albino rats. International Journal of Advanced Research in Biological Sciences. 9(3): 109-116. (**Googe Scholar**)
53. **Dr. D. Veera Nagendra Kumar**, Dr. C. Narasimha Rao, Dr. U. Srineetha, Dr. G. Seethamma, Dr. P. Sachidevi, S. Prakash Rao (2022). Evaluation of Hepatoprotective and Antihyperlipidemic Activity of *Bacopa monnieri* Against Alcohol Induced Hepatic Toxicity in Rats. Journal of Xi'an University of Architecture & Technology Volume XIV, Issue 12, 319-328 (**Googe Scholar**)
54. **D. Veera Nagendra Kumar** (2021). Evaluation of the Potential Neuroprotective effect of *Pimpinella tirupatiensis* on lipid peroxidation and membrane bound enzymes activity in rat brain during STZ- induced diabetes. Journal of Global Trends in Pharmaceutical Sciences, 12, (2): 9561-9570. (**SCOPUS and UGC approved journal No. 46113**). (**Googe Scholar**)
55. **D. Veera Nagendra Kumar** (2021). *Pimpinella tirupatiensis* improves the levels of Brain carbohydrate metabolic profiles in streptozotocin induced diabetic rats. Indo American journal of pharmaceutical sciences, 08 (1), 1881-1887. (**UGC Approved journal No. 48603**)
56. **D. Veera Nagendra Kumar** (2020). Therapeutic potential of *Bacopa monnieri* against alcohol induced renal damage in male albino rats. International Journal of Research in Pharmaceutical and Nano Sciences. 9(6), 289-298: (**Indian citation index**)
57. **D. Veera Nagendra Kumar** and KR Shanmugam (2017). Neuroprotective effects of *Bacopa monnieri* on brain lipid peroxidation and Na^+ / K^+ , Mg^{2+} and Ca^{2+} ATPase activity against alcohol induced rats. The Pharma Innovation Journal, 6(10): 209-214: (**UGC Approved journal No. 46096**).
58. **D. Veera Nagendra Kumar**, K. R. Shanmugam, Ch. Ramakrishna³, G. Venkata Subbiah and K. Sathyavlu Reddy (2016). *Bacopa monnieri* modulates antioxidant enzymes responses against alcohol-induced oxidative stress in rat brain. Indo American journal of pharmaceutical research. 6 (02), 4569-4575. (**Googe Scholar**)

59. **D. Veera Nagendra Kumar**, K Lakshmi Narasaiah and S Prakash Rao (2016). Ameliorative effect of Bacopa monnieri on alcohol induced hepatotoxicity and oxidative stress in albino rats. Journal of Pharmacognosy and Photochemistry. 5(3): 287-292:(**UGC Approved journal No. 45051**)
60. **D. Veera Nagendra Kumar** (2016). Efficacy of Pimpinella tirupatiensis extract on brain oxidative stress and lipid peroxidation in streptozotocin-induced diabetic rats. International Journal of Pharmaceutical Science and Research.1 (3); 38-42. (**Googe Scholar**)
61. **D. Veera Nagendra Kumar**, K.R. Shanmugam, Ch. Ramakrishna, G. Narasimha, T. Lavanya, S. Rajeswara Reddy, K. Sathyavelu Reddy (2015). Neuroprotective effect of Pimpinella tirupatiensis tuberous root aqueous extract on brain antioxidant status in STZ-induced diabetic rats. World Journal of Pharmaceutical Research. 4 (10), 2424-2435. (**Googe Scholar**)
62. **D. Veera Nagendra Kumar** and Sathyavelu Reddy K (2015). Modulation of lipid peroxidation and Na^+/K^+ , Mg^{2+} , and Ca^{2+} Atpase activity in rat brain during STZ-induced diabetes and protective role of Pimpinella tirupatiensis. MGBND 57-74. (Conference proceedings).

BOOK CHAPTERS:

1. Title: A review on Anticancer Medicinal plants.

Book Name: Bio sustainability: Concerns and Challenges.

ISBN: 978-81-7255-174-2.

Publisher: Sooryagatha (Publishers), Ernakulam.

Month and Year: 2024

2. Title: Protective effect of Vitis vinifera. on brain anti-oxidant enzymes against STZ induced Alzheimer's disease.

Book Name Contemporary Trends in Chemical, Pharmaceutical and Life Sciences
Volume I.

ISBN: 978-93-95847-69-8. 9

Publisher: Bhumi Publishing, Maharashtra.

Month and Year: 2024

3. Title: Anticonvulsant Properties of Some Medicinal Plants: A Review.

Book Name: Contemporary Trends in Chemical, Pharmaceutical and Life Sciences
Volume I.

ISBN: 978-93-95847-69-8.

Publisher: Bhumi Publishing, Maharashtra.

Month and Year: 2024

4. Title: Ethion induced histopathological changes in the kidney of albino rat.

Book Name: Frontiers in biological and medical sciences volume – I.

ISBN: 978-81-969367-6-1.

Publisher: Genic books publishers pvt. Ltd.

Month and Year: 2024

5. Title: Impact of National Education Policy 2020 and Career Opportunities in Higher Education: A Review.

Book name: National Education Policy and Nature of Higher Education.

ISBN NO.: - 978-93-92759-85-7

Month and Year: 2024

6. Title: Factors Influencing Aquatic Biodiversity Degradation and Conservation Strategies.

Book Name: Contemporary Trends in Chemical, Pharmaceutical and Life Sciences
Volume I.

ISBN: 978-93-95847-69-8

Publisher: Bhumi Publishing, Maharashtra.

Month and Year: 2024

7. Title: Powerful Ayurveda Herbs and Significant Health Benefits.

Contemporary Trends in Chemical, Pharmaceutical and Life Sciences Volume I.

ISBN: 978-93-95847-69-8.

Publisher: Bhumi Publishing, Maharashtra.

Month and Year: 2024

8. Title: Environmental pollution and insect biodiversity: A comprehensive review

Book Name: Bio sustainability: Concerns and Challenges.

ISBN: 978-81-7255-174-2.

Publisher: Sooryagatha, Ernakulam.

Month and Year: 2024

9. Title: A study of noise pollution and possible effects on public health in Kadapa city

Book Name: Bio sustainability: Concerns and Challenges.

ISBN: 978-81-7255-174-2.

Publishers: Sooryagatha, Ernakulam.

Month and Year: 2024

10. Title: A Review on Antidiabetic Medicinal Plants

Book Name: Research in Multidisciplinary Subjects (Volume-13)

ISBN: 978-81-966799-4-1.

Publisher: The Hill publications

Month and Year: 2023

11. Title: Economics important of Insects: A review

Book Name: Multidisciplinary Approach in research area. (Volume 1).

ISBN: 978-81-966799-5-8.

Publisher: The Hill publications

Month and Year: 2023

12. Title: Reasons and Problems of the Human Trafficking in India and Their Behavior Patterns-A Conceptual Study

Book Name: Research in Multidisciplinary Subjects (Volume-13).

ISBN: 978-81-966799-4-1.

Publisher: The Hill publications

Month and Year: 2023

13. Title: Anti-Hyperglycemic and Anti-Oxidant Effect of *Pimpinella tirupatiensis* in Streptozotocin induced Diabetic Rats

Book Name: Recent advances in pharmaceutical sciences, Volume-7.

ISBN 978-93-5570-434-4.

Publisher: Akinik Publications, New Delhi

Month and Year: 2022

14. Title: Bacopa monnieri Extract modulates Antioxidant and marker enzyme status against alcohol induced hepatotoxicity

Book Name: Recent Trends in Science and Technology- Life Science (LS)

ISBN Number: 978-81-948061-9-6.

Publisher: Deccan education society, Willingdon college, Sangli, Prarup publication, Kolhapur.

Month and Year: 2022

PATENTS:

1. Integrated Wildlife Management System for Sustainable Ecosystems. (Application No.202321084685 A). Publication Date: 08/03/2024
2. Deep learning-based technique to predict the importance of nanoparticles in predictive cardiology to prevent formation of blocks in valves. (Application No.202241065263 A) Publication Date: 09/12/2022.
3. A methodology to predict the impact of cachexia and its adverse effects on patients suffering from chronic heart diseases (Application No.202211067244 A). Publication Date: 09/12/2022.

Participated in Faculty Enrichment Program:

1. Participated one week international faculty Development programme (UGC sponsored) on Technology assisted teaching and Virtual learning through ICT tools, organised by SBVR Degree and PG college, Badvel. Held on 25th May - 29th May, 2020.
2. Participated National webinar series (12 sessions) on knowledge generation in education during covid-19 pandemic – qualitative research organized by Bombay teachers training college, University of Mumbai, held on 1st June to 6th June 2020.
3. Completed “One Week Certificate Course on Apiculture” organized by Department of Zoology, Balwant College, Vita, and Sangli (M.S.) India from 13th July to 19th July, 2020.
4. National level online Faculty Development Programme Post covid-19-challenges and opportunities for Indian business organized by Government First Grade college, Malur, Karnataka, held from 13th May to 19th May 2020.
5. One week faculty development programme on Implementation of NEP 2020 in Higher education organized by RKDF University, Bhopal from February 17-22, 2022.

6. one-week online Faculty Development Program on Research Analysis and Methodology Skills organized by the Department of Education, Invertis University, Bareilly from 2nd to 8th March 2022.
7. The International Short Term Training Programme on "Recent Advances in Environmental Toxicology and Wildlife Conservation" organized by Raj Rishi Govt. Autonomous College, Alwar, and Rajasthan Date: 22nd -28th March 2022.
8. Interdisciplinary Six-Day National Webinar cum Faculty Development Programme on Emerging Trends and Technologies in Development of Skills in Higher Education from 21.11.2022 to 26.11.2022 jointly organized by Department of English and Zoology, JMJ College for Women (Autonomous), Tenali.
9. One Week Online Workshop on "Ethics and spirituality in management with special reference to Vedas" from 10th to 14th May, 2022, organized by Faculty of Management Studies and Department of Management Studies, Gurukula Kangri (Deemed to be University), Haridwar.

PRESENTED AND PARTICIPATED IN CONFERENCES /WORKSHOPS / SEMINARS AND WEBINARS:

1. Oral paper presentation on Therapeutic effect of Ginger extract on brain carbohydrate metabolizing enzymes activity in Streptozotocin Induced Diabetic Rats in international conference on new generation horticulture for prosperity organized by the Odisha horticultural society and university of Agricultural and technology, Bhuvaneswar, Odisha, on 20th and 21st January 2023. (**Second prize for Best Oral paper presentation award**)
2. Oral Paper presentation on Alcohol toxicity: rehabilitation of cardiac antioxidant defense System with bacopa monnieri in international hybrid workshop on Integrating Pharma Education & Research in Developmental Therapeutics" held at RBVRR Women's College of Pharmacy from March 21st -26th 2022. (**First prize for Best Oral paper presentation award**).
3. Oral Paper presentation on Bacopa monnieri Extract modulates Antioxidant and marker enzyme status against alcohol induced hepatotoxicity. Recent Trends in

Science and Technology- Life Science (LS), organized by Deccan education society, Willingdon college, Sangli. **(First prize for Best Oral paper presentation award).**

4. Oral Paper presentation on Ameliorative effect of ginger on cardiac mitochondrial and membrane bound enzymes activity in STZ induced oxidative stress in diabetic rat, In International conference on recent advances in science, technology, engineering, management and social science – 2023 (online) organized by new rains, Chennai, India to be held during 06-08, October 2023. **(Best Oral paper presentation award).**
5. Oral Paper presentation on Protective effect of Red Grape Seed Extract (Vitis vinifera. L) on Antioxidant enzymes against D-Galactose-Induced Alzheimer's disease (AD) rat Brain Regions International Conference On Advances in Medicine, Science, Engineering and Management (AIMSEM - 2024) organized by New Research and Innovation Society held on 28-30, June 2024.
6. Oral paper presentation on National Seminar on Animal models for human diseases: ethical issues and alternatives to animals, organized by Department of Zoology, Yogi Vemana University, Kadapa held on from 06-07th February, 2024
7. Oral paper presentation on National Seminar Alternative animal testing and Biomarkers, organized by Govt. Degree college, Porumamilla on March 15-16, 2024
8. Oral paper presentation on National Seminar on digital applications in India health care services: A review, in international conference on public health and technology, organized by Center for academic and professional career development and research (CAPCDR), December 25-26, 2003.
9. National Seminar on an overview of Anticancer medicinal plants Bio sustainability: Concerns and Challenges organized by the Biodiversity Club & Department of Botany at Vimala College (Autonomous), Thrissur, held on December 12th and 13th, 2023.
10. Oral paper presentation on impact of climate change and vector borne diseases in National seminar on Climate change and Biodiversity organized by Vimala college

(Autonomous), Thrissur, Kerala supported by DBT star college scheme, Department of Biotechnology, Ministry of science and technology, Government of India, New Delhi held on 9th August, 2023.

11. Oral Paper presentation on Therapeutic effect of Ginger extract on brain carbohydrate metabolizing enzymes activity in Streptozotocin Induced Diabetic Rats' 4th ICEACBS2023

Organized by Voice India and AICTE associated with Shrimad Andavan college, Trichy, Tamilanadu on May 13-14, 2023 .

12. Oral Paper presentation on Amelioration of Altered Antioxidants Status by Ginger in STZ Induced Diabetic Rat Brain in international conference on Recent Advances in Humanities, Commerce, Management, Engineering, Science & Technology, Jointly Organized by the College of Arts, Bhigwan, Maharashtra and, Dattakala Group of Institutions, Maharashtra and, Rangapara College, Amaribari, Assam in collaboration with Global Foundation, Solapur (MS), India on Tuesday, 20th September 2022.

13. Oral paper presentation on inhibition of hyperlipidemia and cardiac biomarkers by Bacopa monnieri against alcohol –induced myocardial damage in rats” in the Virtual International Conference on “Advancements in Bio-science, Bio-prospecting, Bio-medicine and Bio-entrepreneurship organized by the Department of Biochemistry and Microbiology, Sri Ramakrishna College of Arts and Science for Women, Coimbatore on 9th may 2022.

14. Oral paper presentation on Biotechnology applications for sustainable development of fisheries and aquaculture in current trends in medical biotechnology: An Interdisciplinary Approaches for Healthy Life & Annual meeting of Society for Biotechnologists India organized jointly by Government Degree College (Men) Srikakulam & Society for Biotechnologists India during 17th - 19th November 2022.

15. Oral Paper presentation on medicinal plants and bio active compounds for cancer treatment: Important advances in drug discovery in National Conference titled

'Cancer Biology and Therapeutics (CBT-22)' jointly organized by Department of Zoology, Patharkandi College, Patharkandi and Department of Zoology, Pandit Deendayal Upadhyay Adarsha Mahavidyalaya (PDUAM), Eraligool.

16. Oral Paper presentation on Pediatric Asthma: causes and treatment in international conference on Recent Advances in Humanities, Commerce, Management, Engineering, Science & Technology, Jointly Organized by the College of Arts, Bhigwan, Maharashtra and, Dattakala Group of Institutions, Maharashtra and, Rangapara College, Amaribari, Assam in collaboration with Global Foundation, Solapur (MS), India on Tuesday, 20th September 2022. Date: - 20th September 2022.
17. Oral paper presentation on Nanotechnology for Sustainable Development of Fisheries and Aquaculture. treatment in international conference on Recent Advances in Humanities, Commerce, Management, Engineering, Science & Technology, Jointly Organized by the College of Arts, Bhigwan, Maharashtra and, Dattakala Group of Institutions, Maharashtra and, Rangapara College, Amaribari, Assam in collaboration with Global Foundation, Solapur (MS), India on Tuesday, 20th September 2022. Date: - 20th September 2022.
18. Oral paper presentation on Impact of medicinal plant species on controlling air pollution in NCPCSE 2023, organized by Department of chemistry, government college for men Kadapa on 24-25 th February 2023.
19. Oral paper presentation on Modulation of lipid peroxidation and Na^+/K^+ , Mg^{2+} , and Ca^{2+} Atpase activity in rat brain during STZ- induced diabetes and protective role of Pimpinella tirupatiensis. National seminar on Molecular and genetics basis of neurological disorders, organized by Department of Zoology, V.S.S.C. Govt. Degree College, Sullurpet, Nellore Dist. 19th and 20th December 2014.
20. Oral paper presentation on Changes in Mg ATPase activity due to treadmill exercise training in the brain of young and old rats, 25 Annual Conference of Comparative Animal Physiology. Acharya Nagarjuna University, Guntur, A.P, INDIA. 18-20, October, 2008,

21. Oral paper presentation on Studies on oxidative stress markers in brain with reference to interaction of exercise and alcohol in two different age groups of male albino rats, 14-16, November, 2008, 1st AP Science Congress 2008 Emerging Trends in Science and Technology. Andhra Pradesh Academy of Sciences and Osmania University, Hyderabad A.P. INDIA.
22. Indo-Canada International Conference on Advances in Research and Development, January, 27-28, 2024.
23. INTERNATIONAL FDP ON 'HIGHER EDUCATION IN AN AI CENTERED WORLD' organized by the Faculty of Management & Commerce in association with Centre of Excellence - Centre for Sustainability and Business, PES University, Bengaluru - India on 17th September 2024.
24. International seminar on the occasion of UN/UNESCO international youth day on green skills for youth: towards a sustainable world organized by ICERT, New Delhi and PGDAV college university of Delhi on August 12, 2023.
25. National Webinar on National Education Policy and Nature of Higher Education Department of Higher Education (MP) and organized by the Government Degree College Timarni (MP) held on AUGUST 26, 2023.
26. National seminar on multidisciplinary research and practice (world record aiming anthology) organized by Saradha Gangadharan College, Puducherry on July 26 2023.
27. One Day International Symposia on "Reimagining Youth Skills for the 21st Century" organized International Council for Education, Research and Training, New Delhi on 23-07-2023.
28. National Seminar on Capacity Building in Genomics & Proteomics – An Interdisciplinary Approach, conducted by Department of Biotechnology & Science Association, Government Degree College (Men), Srikakulam held on 29th, 30th & 31st May.
29. One week faculty development programme on Implementation of NEP 2020 in Higher education organized by RKDF University, Bhopal from February 17-22, 2022.

30. one-week online Faculty Development Program on Research Analysis and Methodology Skills organized by the Department of Education, Invertis University, Bareilly from 2nd to 8th March 2022.
31. The International Short Term Training Programme on "Recent Advances in Environmental Toxicology and Wildlife Conservation" organized by Raj Rishi Govt. Autonomous College, Alwar, and Rajasthan Date: 22nd -28th March 2022.
32. Interdisciplinary Six-Day National Webinar cum Faculty Development Programme on Emerging Trends and Technologies in Development of Skills in Higher Education from 21.11.2022 to 26.11.2022 jointly organized by Department of English and Zoology, JMJ College for Women (Autonomous), Tenali.
33. One Week Online Workshop on "Ethics and spirituality in management with special reference to Vedas" from 10th to 14th May, 2022, organized by Faculty of Management Studies and Department of Management Studies, Gurukula Kangri (Deemed to be University), Haridwar.
34. international webinar organized by Department of Botany and Department of Zoology on "Novel applications of Nanotechnology in Life Sciences" held on 13/05/2022 at Nagarjuna Govt. college, Nalgonda.
35. Workshop on Herbal "Medicines" organized by the department of Sericulture, Sri Padmavathi Mahila Visvavidyalayam, Tirupati, A.P, India. March 30-31st 2008.
36. International Seminar on Medicinal plants and Herbal Products. Jointly organized by Department of Botany, S.V. University, Tirupati and A.P Medicinal plants and Aromatic plants Board, Hyderabad. Held at Tirupati. March 7-9, 2008.
37. National Seminar on Recent Research trends in Synthetic organic and Natural products Chemistry. Organized under UGC-DRS (SAP-1) Programme. S.V. University, Tirupati, February 26-27, 2008.
38. International Conference on Effects of Iodine Deficiency and Trace Elements on Human Health. XXth Annual conference of National Environmental Science Academy New Delhi. December 27-29, 2007.
39. National seminar on Recent trends in tropical diseases of man, organized by Department of Zoology, NG College, and Nalgonda. 25th and 26th September 2012.

40. International Workshop on integration of animation in teaching and learning
Dayalbhadg educational institute, Agra (PMMMNM-TT-MHRD Govt. of. India) 29th
January 2021
41. National workshop on Research Methodology and Scientific writing Indira Gandhi
technical university for women, New Delhi 20th February 2021.
42. National Webinar Employability Training Program organized by the Career
Counselling and Placement Cell, Maharaja Ganga Singh University, Bikaner, 20th
February 2021.
43. National webinar Physical Literacy CSME, MS University, Tirunelveli, TN, India.
(PMMMNM-TT-MHRD Govt. Of. India) 27th March 2021.
44. International Webinar on New horizons in cancer biology and therapeutics Sri
Venkateswara university, Tirupati held on 6-7th February 2021.
45. National Conference on Advances in Fungal Biotechnology School of life sciences,
SRTM University, Nanded and Mycological society of India-Mumbai Unit held on
23-24 January 2021.
46. National webinar on Role of Ethnobotany for personal and community wellness
organized by government college, Timarani, Harda Dist. M.P. on 16th March 2021
47. National workshop MOOC development and delivery UGC-HRDC Guru Nanak Dev
University, Amritsar 24th march 2021.
48. National Webinar on NEP2020: Paving the way for future higher
Education organized by the Department of Teacher Education KLDV PG College
Roorkee on 25 march 2021
49. International seminar on Basics of Research Methodology and Use of Statistics in
Biology' Rizvi College of Arts, Science and Commerce, Bandra(W), Mumbai held on
01st April 2021.
50. International webinar on recent trends in Genetic engineering and Biotechnology
organized by Vikram Shimpapuri University held on 16th April 2021.
51. National webinar of "Financial Education is a tool for Wealth and health" organized
by Department of Physical Education, Kishori Raman Girls (PG) College Mathura
(UP) in Collaboration with AMFI held on 13th April 2021.

52. International Webinar on Research Methodology organized by YVNR Government Degree College, Kaikaluru, held on 18th and 19th November 2021.
53. International E-Conference on Sustainable Futuristic Materials under ACT Research Convention. Organized by Kalasalingam Academy of Research and Education, Krishnankoil, held on 29th and 30th November 2021.
54. Completed "One Week Certificate Course on Apiculture" organized by Department of Zoology, Balwant College, Vita, and Sangli (M.S.) India from 13th July to 19th July, 2020.
55. National webinar on diagnostics techniques for virus detection organized by Department of botany and Zoology, Government Degree College, Proddatur, 14th may 2020.
56. National Webinar on "Post-Lockdown Academic Challenges in Higher Educational Institutions" organized by Government College for Women (Autonomous), Guntur, 25th May 2020.
57. National Webinar on Research Methodology jointly organized by SVD. Government Degree College (W), Nidadavole, West Godavari district, Andhra Pradesh and Khandesh Chapter of English Language Teachers' Association of India on 21st May, 2020.
58. National workshop on "How to catalyze our potential in lockdown & Emotion-Focused therapy." organized by Devangere university, on 23rd of May 2020.
59. National webinar on E-Learning and MOOCs in Higher Education and New Roles of Teachers. Organized by Sri GVG Visalakshi College for Women, Udumalpet. 18th May, 2020.
60. International Webinar on "POST COVID19 SCENARIO ON EDUCATIONAL SYSTEM" organized by Department of Botany and Zoology SVSSC Government Degree College, Sullurpet, SPSR Nellore Dt. AP. on 29th May 2020.
61. Participated one week international faculty Development programme (UGC sponsored) on Technology assisted teaching and Virtual learning through ICT tools, organised by SBVR Degree and PG college, Badvel. Held on 25th May - 29th May, 2020.

62. National webinar on Effective communication skills for successful carrier organized St. Joseph College, Kovur, Chennai, 25th May 2020.
63. Webinar 'Free Statistical Tool for Research Data Analysis and Research Publication with Special Reference to Citation, Impact Factor and h Index' organized by the Library, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam. Tamil Nadu, on 01 & 02 June 2020.
64. National Webinar on "Time for Nature – Biodiversity & Governance" on June 6, 2020 organized by Department of Civil Engineering, ANITS, Vishakhapatnam, on the occasion of World Environment Day 2020.
65. National Webinar on "BIODIVERSITY CONSERVATION AND FUTURE STRATEGIES" during a COVID-19 pandemic days organized Gulbarga University, Kalaburgi, by held on 5th June 2020 on the occasion of World Environment Day-2020.
66. Faculty Development Program "ICT A Novel Means to Fortify the Faculty In Life Sciences." Organized by AURORA'S DEGREE & PG COLLEGE, Hyderabad, held on: 8th & 9th June,2020.
67. National webinar Organic foods and healthy life style organized by Jayaraj Annapackiam College for women, Periakulum held on 10th June 2020.
68. National webinar on sympathetic activation in its role of cardiovascular diseases organized by Royal global university, Guwahati, 12th june 2020.
69. National webinar on Covid-19 An insight organized by Nirmala college of pharmacy, Muvattuphuza, Kerala, held on 18th June 2020.
70. National webinar on the environment after covid 19 crisis, organized by periyar university, Salem, held on 03rd June 2020.
71. National Webinar on "Technology-enabled Higher Education in India: Opportunities and Challenges" organized by Mathematics Department, Daulat Ram College, university of Delhi on June 19, 2020.
72. National webinar on Research Methodology, organized by Surendra institute of Engineering and management, Siliguri, west Bengal held on 20th June 2020.

73. National webinar on Tools to manage and health boost immune system during covid-19 crisis organized by University College for women, Koti, Hyderabad held on 18th and 19th June 2020.
74. National webinar on E-Content Effective tool for teaching and learning organized by Aditanar college of Arts and Science College, Tiruchendur on 17th June 2020.
75. International webinar on Role of individual performance in instutional ranking and development held on June 27th June 2020.
76. National level online Faculty Development Programme Post covid-19-challenges and opportunities for Indian business organized by Government First Grade college, Malur, Karnataka, held from 13th may to 19th may 2020.
77. International Webinar On "LIFE SCIENCES, organized by Governments Arts College, Karur, tamilanadu from 22 to 24 June 2020.
78. Participated National webinar series (12 sessions)on knowledge genration in educationduring covid-19 pandamic – qualitative research organized by Bombay teachers training college, University of Mumbai, held on 1st june to 6th june 2020
79. National workshop on ICT tools and software's for teaching and learning, organized by National Post Graduate College, University of Pune, Pune on 03rd July 2020.
80. National Webinar “Challenges and Opportunities in Futuristic Learning and Development in Education” Organized by Noida College of Physical Education, Dhoom Manikpur, G.B. Nagar. held on 5th July 2020.
81. National webinar on Microbes-Impacts and recent approaches, organized by PG and Research Department of Zoology, Government Arts College (Autonomous), Kumbakonam, Tamilnadu held on 11th July 2020.
82. 24th IDEA National Conference on Emerging Perspectives of Open and Distance Learning organized by IDOL, IDEA and CEMCA, held on 17th -18th July, 2020.
83. International conference on Covid-19: impact on environment and human health, organized by department of Environmental sciences, Osmania University, Hyderabad on 18th and 19th July 2020.

84. National Webinar on “Biodiversity Conservation and its Management” organized by Govt. Girls College, Ujjain (M.P), collaboration with Zoological Society of India and society of Life Sciences held on 15th and 16th July 2020.
85. 24th National conference on Emerging Perspectives of Open and Distance Learning organized by Institute of Distance and Open Learning, University of Mumbai, IDEA and CEMCA on 17- 18th July 2020.
86. International Web Conference on “Innovative Technologies, Entrepreneurship Avenues, Livelihood Enhancement in Sustainable Management of Animal Farming” organized by the PG and Research Department of Zoology in collaboration with the Indian Science Congress Association on 03-08-2020 and 04-08-2020.
87. National Webinar " Environmental Protection organized by Shree Shivaji Arts and Science College, Rajura held on 9th August 2020
88. Faculty Development Programme on Flipped Classroom organized by Anjuman-I-islams Kalasekar technical campus New panvel on 15th August 2020.
89. International webinar on Infectious viral diseases and vaccines or remedial concepts organized by S.G. Govt Degree College, Piler on 17th August 2020.
90. National Webinar on “Integrated strategies for Biodiversity & Ecological Restoration” Department of Zoology, (Under the Aegis of IQAC) Samrat Prithviraj Chauhan Government College, Ajmer August 25-26th 2020, 12- 2 pm
91. National webinar on Response Surface Methodology organized by ICAR-CIAE regional center Coimbatore, on 28th August 2020.
92. National Webinar entitled “Promotional Avenues for Teachers in Higher Education: CAS Regulations- 2018” organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of MHRD on 5th September 2020. (This is equivalent to a regular One Day National Seminar).
93. National Webinar on New Education Policy & Teacher Education organized by DAV training college Kanpur 05th September 2020.

94. National Webinar on "New Education Policy: Challenges and Opportunities" organized by UGC Cell of SGGGS College, Chandigarh in collaboration with the Indian Economic association on September 12, 2020
95. National webinar on Teacher education: challenges and solutions organized by Anurag memorial college; GAYA held on 13th September 2020.
96. National webinar on Biotechnology and Human being: from a personal perspective organized by PG research Department of Zoology, Arulmigu palaniandavar college of Arts and culture Palani, Tamilnadu held on 13th September 2020.
97. National webinar on Covid-19 impact on Life sciences organized by Department of Botany and zoology Rajkamalji Bharti and Sushila Bhai Science College, Yavatmalon 28th November 2020.
98. National Webinar on 'NAAC accreditation: strategies for optimizing institutional performance' organized by the IQAC, Narasimha Dutt College dated 9th December, 2020.
99. International Conference on "Emerging Trends in Life Sciences ETILS-2020)" organized by the Dept. of Botany Telangana University, Nizamabad, T.S. on 15-16 Dec. 2020.
100. National Workshop on Use of ICT in Teaching and Learning Programme, Organized by Department of Biotechnology, Christ College, Rajkot on December 31, 2020.