

RESUME

Dr. ASHEERA BANUSANGLI

Residential Address: 180/A, 3rd cross, 3rd Main,
Manjunath Nagar, I stage, II phase,
Bangalore 560010,
Mobile :9986168924
E.mail: asheerabs@gmail.com

Date of entry into service: 15th July 1997 till date, 25 years Teaching Experience in Degree College

Presently working as Assistant Professor of Zoology in **M E S College of Arts Commerce and Science, Malleshwaram 15th cross, Bangalore, Karnataka. (1st July 2018 till date).**

Worked as Assistant Professor in HKES Sree Veerendra Patil Degree College Bangalore. (July 2017- June 2018)

Worked as Assistant Professor in Government First Grade College, Yelahanka Bangalore (2017-18)

Worked as HOD in Dayananda Sagar College Bangalore. (2005-17)

Worked as Lecturer in Brindavan Degree college, Bangalore (15TH July 2002-2005)

Assisted in M.Sc Zoology practical in Karnatak University Dharwad from (1997-2000)

Subjects Taught :B.Sc NEP Zoology semester I-VI

B.Sc,Zoology,Semester I-VI

B.Sc Genetics semester I-IV

Environmental studies,

Environment and Public Health

Science and Society

Biology for paramedical students

M.Sc Zoology practicals ,

MSc. Applied Genetics

Paramedical physiology and Biochemistry.

EDUCATIONAL QUALIFICATION : M.Sc., Ph. D

DOCTORAL DEGREE IN ZOOLOGY Ph.D from Karnatak University, Dharwad, Ph.D thesis entitled “Studies on the toxic effects of some chemicals to freshwater fishes “ was Submitted to Karnatak University Dharwad in 27th February 2002 and Ph.D Awarded in 19th December 2003.

Degree / Diploma	Year of passing	Percentage/ Class Obtained	University / Board
Bachelor of Science	1994	62.78 / First	Karnatak University Dharwad
Master of Science	1996	60.0/ First	Karnatak University Dharwad
Pre- Ph.D	1997	68.33/First	Karnatak University Dharwad
PG certificate course in statistical computing	2000	Pass	Karnatak university Dharwad .

AWARDS

JUNIOR SCIENTIST AWARD-2004 by National Environmental Science Academy New Delhi.

ENVIRONMENTALIST AWARD-2005 by National Environmental Science Academy New Delhi

DISTINGUISHED FACULTY IN SCIENCE-2017 by Venus International Faculty Awards

THIRD BEST ORAL PAPER PRESENTATION PRIZE AWARD in “International Web Conference on “Recent Advances in Freshwater Aquaculture (RAFA 2021)”, Organised on 21ST and 22ND January 2021 by Department of Zoology., M S P Mandal’s Sunder Rao Solanke Mahavidyalaya., Majalgaon, Beed. India, in collaboration with NEAQUSA, ABRF, GESA. For the paper entitled “Influence of pH on lethal toxicity of para chlorophenol, para chloroaniline and para nitrophenol to freshwater fish Lepidocephalichthysguntea “

INDO ASIAN - FRANK RATTRAY INNOVATIVE SCIENTIST AWARD 2021 by REd Talks (Research Educational Talks) International Academic Excellence Awards and RPMRES Institute of Higher Education and Research on February 20th 2021

ABRF Excellence Award for Zoological Research, by Asian Biological Research Foundation Prayagraj India during International web Conference on “Covid 19 second wave challenges for sustainable development 2021 held during 13th , 14th 15th September 2021

Dr Sarvepalli Radha Krishnan Distinguished Assistant Professor Award 2023 in Zoology by CenterFor Professional Advancement Andhra Pradesh on 5th September 2023

Membership in various Science Organisations

- a. Life Membership Indian Science Congress Association
- b. Life Membership National Environment Science Academy 2003
- c. Life Membership Society for Advanced Biological Science
- d. Membership Bangalore University Zoology Teachers Forum
- e. Annual Membership Research Educational Talks International 2021
- f. Life membership Asian Biological Research Foundation 2021

BOS and BOE

CHAIRMAN, BOS , DAYANANDA SAGAR UNIVERSITY -2015 framed I- IV BSc Zoology syllabus.

Examination work : As Member, Board Of Examiners (BOE) ,**Sit in squad** reviewer, valuer, revaluer, board valuer.

Christ University. Bangalore

External Reviewer/ Valuer in Zoology theory examination 2015

Maharani Lakshmi Ammani college (Autonomous)

External examiner for B.Sc vocational course practical exams 2017

BOE ,Theory paper setter Zoology B,Sc II sem vocational 2017

BOE, Theory paper setter Zoology IV sem 2020

BOE, Theory paper setter Zoology II sem 2021

BOE, Theory paper setter Zoology II sem 2021

BOE, Theory paper setter Zoology II sem 2022

BOE, Theory paper setter Zoology III, NEP III sem 2023

Reviewer Zoology theory paper 2019, 2021,2022,2023

Practical examiner NEP 2023

Maharani cluster university

Practical external examiner 2019, 2021.

BMS college for women (Autonomous)

BOE , Paper setter 2023

Practical external examiner 2022, 2023

Government Science College , Bangalore (Autonomous)

BOE, Theory paper setter Genetics II Semester 2016

BOE, Theory paper setter Zoology V semester paper VI 2017

Bangalore University ,

BOE, Theory paper setter Zoology III Semester 2017

Sit In Squad duty, 2016,2017

External and internal Practical examiner for B.Sc Zoology 2003 TO 2017

Theory paper Valuer, Reviewer, 2003 TO 2017
Revaluer, Board valuer for BSc Zoology 2008 TO 2022

Bengaluru city university

BOE, Theory paper setter Zoology III Semester 2021
BOE, Theory paper setter Zoology V Semester 2022
BOE theory paper setter Zoology NEP II Semester 2022
Theory paper Valuer, Reviewer, 2018 TO 2022,2023
Revaluer, Board valuer for BSc Zoology 2018 TO 2023
External and internal Practical examiner for B.Sc Zoology 2018 TO 2023

NMKRV College for Women

BOE Theory paper setter Zoology NEP OE Endocrinology 2023

RESEARCH PAPERS PUBLISHED

1. Asheera Banu Sangli & V.V.Kanabur paper entitled “Toxicity of Resorcinol and Nitrophenol to a freshwater fish *Lepidocephalichthysguntea*”. Environment and Ecology, Volume 16 (3): Page 642-644. (1998) ISSN 0970-0420
2. V.V.Kanabur & Asheera Banu Sangli paper entitled “Acute toxicity of Resorcinol and Nitrophenol to a freshwater fish *Lepidocephalichthysguntea* and their effects on Oxygen uptake”. Bulletin of . Pure and Applied Sciences Volume 17 A (2): Page 65-67. (1998) ISSN 0970-076
3. V.V.Kanabur & Asheera Banu Sangli paper entitled “Acute Toxicity of Chlorophenol and Cresol to a freshwater fish *Lepidocephalichthysguntea*” Environment and Ecology , Volume 16 (2) : Page 334-336.(1998) ISSN 0970-0420
4. Asheera Banu Sangli & V.V.Kanabur paper entitled “Acute Toxicity of Para-Chloroaniline and Para-Chlorophenol to a freshwater fish *Gambusia affinis*” Environment and Ecology Volume 18(1): Page 78-80 .(2000) ISSN 0970-0420
5. Asheera Banu Sangli & V.V.Kanabur paper entitled “Acute Toxicity of Cresol and Chlorophenol to a freshwater fish *Gambusia affinis* and their effects on oxygen uptake “.Journal of Environmental Biology volume 21(3): page 215-217 (2000) ISSN 0254-8704
6. Asheera Banu Sangli & V.V.Kanabur paper entitled “Lethal Toxicity of Cyanide and Formalin to a freshwater fish *Gambusia affinis* Environment and Ecology Volume 18(2): Page 362-36 (2000) ISSN 0970-0420
7. Asheera Banu Sangli & V.V.Kanabur paper entitled “Toxicity of Cresol and Chlorophenol to freshwater fish *Lepidocephalichthysguntea* and their effects on oxygen uptake” in the

book Environmental Protection, Pointer Publishers Private Limited Jaipur India. page 161-164 (2000) ISBN 8171322492

8. V.V.Kanabur & Asheera Banu Sangli paper entitled “Acute toxicity of resorcinol and nitrophenol to freshwater fish *Gambusia affinis* and their effects on oxygen uptake”. Geobios Volume 27(4): Page 188-190 (2000) ISSN 0251-1223
9. Asheera Banu Sangli & V.V.Kanabur paper entitled “Toxicity of Pentachlorophenol and Chloroaniline to freshwater fish *Lepidocephalichthysguntea*” in proceedings of Academy of Environmental Biology Volume 9 (1) page 7-10 (2000).
10. Asheera Banu Sangli & V.V.Kanabur paper entitled “Acute Toxicity of Ammonia to freshwater fish *Lepidocephalichthysguntea*” Environment and Ecology Volume 18(4): Page 874-876. (2000) ISSN 0970 0420
11. Asheera Banu Sangli & V.V.Kanabur “Influence of Temperature on the Lethal toxicity of Chlorophenol and Cresol to Freshwater *Lepidocephalichthysguntea*” Indian Journal of Fisheries Volume 47 (4): page 383-385. (2001) ISSN 0970-6011
12. Asheera Banu Sangli & V.V.Kanabur “Toxicity of Ammonia to freshwater fish *Gambusia affinis* and their effects on Oxygen consumption” Geobios volume 28(1): page 56-58 (2001) ISSN 0251-1223
13. Asheera Banu Sangli & V.V.Kanabur “Influence of Temperature on the Acute toxicity of Nitrophenol and Resorcinol to a freshwater Fish *Lepidocephalichthysguntea*”. Environment and Ecology volume 19(1): page 23-25. (2001) ISSN 0970-0420
14. Asheera Banu Sangli & V.V.Kanabur “**Acute Toxicity of Cyanide and Formalin to freshwater fish *Lepidocephalichthysguntea***” Journal of Fisheries volume 48(1): page 99-101 (2001) ISSN 2311-729V
15. Asheera Banu Sangli “**Influence of Temperature on the Lethal toxicity of Chlorophenol and Chloroaniline on Freshwater fish *Lepidocephalichthysguntea***” Bulletin of Environmental Science volume 23(2): page 103-105. (2005), ISSN 2278-5205
16. Asheera Banu Sangli “**Influence of pH on the Lethal toxicity of Phenol, Para-chlorophenol and Pentachlorophenol to the freshwater fish *Lepidocephalichthysguntea***” in proceedings of Recent Trends in Biosciences page 20-21 (2007)
17. Asheera Banu Sangli “**Influence of Total Hardness on the Lethal toxicity of Ammonia to the freshwater fish *Gambusia affinis***” in the proceedings of “Emerging trends in Biosciences and Bio industry – ISBN 9789381979464 Page 130-133 (2016)

18. Asheera Banu Sangli Paper entitled **“Influence of pH on the Lethal Toxicity of Para Cresol, Para Nitrophenol and Resorcinol to Freshwater Fish Lepidocephalichthysguntea”** Published in the book entitled “Innovations and Applications in Life Sciences”. published by IMRF and ST PIOUS X Degree and PG college for Women. Hyderabad. Telangana. as **Chapter 5, Page No 25-28. ISBN 978-93-86435-72-9 (2019)**
19. Asheera Banu Sangli, ,Paper entitled **“Influence of pH on the Lethal Toxicity of Para Nitrophenol, Para Cresol and Resorcinol on Freshwater Fish Gambusia affinis”** in the book entitled “Multidisciplinary Research in Global Challenges and Perspectives of Sustainable Development **Page No 152-156 Volume 6 ISBN 978-81-934604-9-8, (2019)**
20. Asheera Banu Sangli paper entitled **“Survey of Solid Waste Dumps on Roadside Trees of Malleshwaram Area Bangalore** “in the book entitled Multidisciplinary Research in Global Challenges and Perspectives of Sustainable Development” **Page 71-73 , ISBN 978-93-80954-45-9 Volume 8 (2019).**
21. Asheera Banu Sangli Paper entitled **“Influence of pH on the Lethal Toxicity of Para Cresol , Para Nitrophenol and Resorcinol to Freshwater Fish Lepidocephalichthysguntea”** in the UGC Listed Peer reviewed biannual journal of international multidisciplinary research foundation **Engineering Sciences International Research Journal Volume 7, SE impact factor 2.54 : Page No 51-53 (2019).**
22. Asheera Banu Sangli Paper entitled **“Types of Solid Waste Dumps on Roadside Trees of Bengaluru”** Published in **UGC Care Indexed Journal Studies in Indian Place Names ISSN 2394-3114 Vol 40 Issue 18 (2020) page no Impact Factor 6.1.**
23. Asheera Banu Sangli and SageeraBanoo ,Paper entitled **“Risks of Commuting by Public Transport During Pandemic Outbreak in Bengaluru”** in **UGC SCOPUS indexed “International Journal of Innovative Research in Technology”. ISSN 2349-6002, Impact Factor 5.87 Volume 7 Issue 1, June2020.**
24. Asheera Banu Sangli ,Thulasipathi Naidu., Gansesh U.. Paper entitled **“ Health Risks to Student Commuters Commuting by Public Transport in Bengaluru “** Published in proceedings VIBHAVAT 2020 “ Sustainability in n the Commerce Scientific Technological Linguistics and Environmental Sectors” Page 87-88 June 2020 **ISBN:978-81- 929698-6-2 R.J.S Frist Grade college, Bangalore.**
25. Asheera Banu Sangli ,Paper entitled **“Risks of Commuting by Public Transport During Pandemic Outbreak in Bengaluru”** in proceeding “Impact of COVID 19 on Environment and future Prospectus” **N.R.E.C. College, Kurja, Uttar Pradesh and Ortho clinical Diagnostics India Private Limited, ISBN 978-93-5408-191-0. page no 139-141, June 2020.**
26. Asheera Banu Sangli paper entitled **“Influence of pH on lethal toxicity of para chlorophenol, para chloroaniline and para nitrophenol to freshwater fish**

Lepidocephalichthysguntea“ in International Web Conference on Recent Advances in Freshwater Aquaculture (RAFA 2021), International Journal for Innovative Research in Multidisciplinary Field. ISSN 2455-0620, Impact Factor 6.719. Index Copernicus International IC Value 86.87, Conference Special Issue 22, January 2021 Page No 134-136

27. Asheera Banu Sangli paper entitled “**Influence of pH on the lethal toxicity of Phenol, Para chlorophenol and Pentachlorophenol to freshwater fish Gambusia affinis.**” in International Journal of Multidisciplinary Research and Analysis ISSN (print) 2643-9840, ISSN (online) 2643-9875. DOI 10.47191/ ijmra/v4-i3-06, Impact Factor 6.072, Page 259-261. Vol 4 Issue 3 ,March 2021 , Zonedo Open AIRE, March 6 2021, Copernicus , Google Scholar , OAJI.
28. Asheera Banu Sangli, Shabana Sangli, SageeraBanoo paper entitled “ **Health risks in migrant workers during pandemic outbreak in Bengaluru**”. Bhumi publishing Ecology research volume II ISBN 978-93-88901-20-8,Chapter 15 page no 103-105 (2021)
29. Asheera Banu Sangli, Shabana Sangli paper entitled “**Impact of climate change**”. Bhumi publishingin Ecology research volume II ISBN 978-93-88901-20-8, Chapter 17: page no 122-125 (2021)
30. Asheera Banu Sangli, paper entitled “**Influence of total hardness on the lethal toxicity of Ammonia to freshwater fish Lepidocephalichthysguntea**” International Journal for innovative research in multidisciplinary field page 101-102 ,ISSN 2455-0620 Copernicus indexed peer reviewed Impact factor 6.716 (2021).
31. Asheera Banu Sangli paper entitled” **Reduction of solid waste dumps in religious places during pandemic outbreak in Bengaluru**” International Journal of Applied Research” Peer Reviewed Journal ISSN ONLINE 2394-5869 Impact Factor 8.4.Volume 7, Issue 10, Page 363-365 (October 2021).
32. M A BadhulHaq , **Asheera Banu Sangli** ,Vivekananda B Jadhav ,M.E.Paramsivam , Vipin Yadav paper entitled “ **A multi residue methodology is proposed to reduce drug toxicity to benthic organisms**” Bulletin of environment, pharmacology and life sciences Vol 10 (11) :16-02 ISSN 2277-1808 UGC listed journal SAIF Impact factor 0.971 Germany Impact factor USA 0.982, May 2022.
33. **Publication patent** on “Impurities on heat absorption and retention properties of freshwater and its effects”, published on 11/11/ 2022. Patent journal no 45/2022.
34. **Publication patent on** “Senna tora leaves extract on carbon tetrachlorideand its hepatoprotective effectsinduced toxicity, published **30/12/2022** patent journal no 52/2022
35. Published chapter entitled “**Bird biodiversity in Bharath Nagar, Bengaluru**” in the book **Environment and Society-2022, ISBN 978-81-9540002,7-0 (2023)** Page no **92-94**

36. Published chapter entitled “**Environment and Education**” in the book “**Role of education in environmental conservation**”, publishers Pustak Bharati, Toronto Canada.

PROJECT

Guided Six B.Sc. students for project entitled “**Survey of Solid Waste Dumps on Roadside Trees of Malleshwaram Area Bangalore**”

Guided BSc student for the project entitled “**Bird Biodiversity in Bharath Nagar Bengaluru**”

Project paper presentation

“**Survey of Solid Waste Dumps on Road Side Trees of Malleshwaram Area Bangalore**” at “International conference on “Multidisciplinary Research in Global Challenges and Perspectives of Sustainable Development” on 21st December 2019 at St Jerome’s College Nagercoil, Kanyakumari, Tamil Nadu.

Bird biodiversity in Bharath Nagar Bengaluru at International conference on Environment and Society (ICES 2022) on 23RD and 24th December 2022 organised by Jiwaji University Gwalior, Madhya Pradesh India

project work publication

1. Paper entitled “**Survey of Solid Waste Dumps on Roadside Trees of Malleshwaram Area Bangalore**” Dr Asheera Banu Sangli, Asrithashri, Bhavya.M, Felicia.S., Sonashree.R. Punith.RVignesh.S proceedings Book entitled “Multidisciplinary Research in Global Challenges and Perspectives of Sustainable Development” Published by St. Jerome’s college Nagercoil, Tamil Nadu Page 71- 73 , Volume 8 2019 December EduindexEdupediapublications Pvt Ltd **ISBN 978-93- 80954-45-9**
2. Published chapter entitled “**Bird biodiversity in Bharath Nagar, Bengaluru**” in the book **Environment and Society-2022, ISBN 978-81-9540002,7-0 (2023)** Page no **92-94**

PROCEEDINGS AND PAPERS PRESENTED IN CONFERENCE, SYMPOSIUM

PAPER PRESENTED

1. Toxicity of cresol and chlorophenol to freshwater fish *Lepidocephalichthysguntea* and their effects on oxygen uptake. In the book titled “Environmental Protection” by Pointer publishers, Jaipur,India. 1999 paper was presented in National symposium held in Jai Narayan Vyas university , Jodhpur India ,page no 161-164
2. Toxicity of pentachlorophenol and chloroaniline to a freshwater fish *Lepidocephalichthysguntea* In the book “Proceedings of Academy of Environmental Biology” volume no 8, 1999, the paper was presented in 20th annual session of Academy of Environmental Biology , Vishakapatnam, page no 7-10.
3. International workshop on Environmental Toxicology and Waste Water Management with special reference to Hospital of North India at Jamia Hamdard organized by National Environmental Science Academy and Jamia Hamdard University, New Delhi on December 2-4 2005 page 32 paper entitled “Influence of temperature on the acute toxicity of sodium cyanide and formalin to freshwater fish *Gambusia affinis*.”
4. National conference on “ Recent trends in environmental sciences” held by NESAI

and JB Institute of engineering and technology Hyderabad on october 25-27 2005 and **presented** a paper entitled " Influence of temperature on lethal toxicity of para cresol and para chlorophenol to *Lepidocephalichthysguntea*" .

5. National seminar on " Solid Waste Management- Solution and Concerns organized by XIX Annual conference of National Environmental Science Academy and Panjab University Chandigarh on sept 16-18 2006 page no 18 paper entitled " Influence of temperture on the acute toxicity of phenol and cresol to freshwater fish *Gambusia affinis*"
6. International Conference in Zoology was at held at Bangalore University organized by Academic staff college, Department of Zoology, Bangalore university, Bangalore in November 19-22 2006 , page no 37 paper entitled " Influenc e of temperture on the acute toxicity of para nitro, phenol and Resorcinol to freshwater fish *Gambusia affinis*"
7. Influence of pH on the lethal toxicity of phenol and para cresol to the freshwater fish *Gambusia affinis* Paper was presented in the National symposium on Recent Trends in Biosciences published by PES college Bangalore in 2007 page no 20-21.
8. International conference on Future challenges to environmental scientists on issues of energy, water and human health " held at Jamia Hamdard University New Delhi on August 23-25 2007 **presented** and **chaired** a session " Influence of pH on lethal toxicity of phenol and cresol to *Lepidocephalichtysguntea* "
9. National symposium on Recent trends in biosciences on 30-31 August 2007 at PES college Bangalore **presented** the research paper entitled " Influence of pH lethal toxicity of phenol and para-cresol to freshwater fish *Gambusia affinis*"
10. Indian science congress symposium held at Annamalai University ,Chidambaram Jan 3rd -7th 2007 and **presented** the paper entitled " Influence of temperature on para-chlorophenol and para-nitrophenol to freshwater fish *Gambusia affinis*"
11. Indian science congress symposium held at Annamalai University ,Chidambaram on JAN 3rd to 7th 2007 and **presented** the paper entitled " Oxygen consumption of fingerlings *Cyprinus carpio* exposed to acute toxicity of Sodium selenite and arsenic trioxide "
12. National conference on "Solid waste management solutions and concerns" was held by National environmental science academy and Environmental science department ,Punjab university, Chandigarh on September 16-18 2006 and **presented** the paper entitled "Influence of temperature on acute toxicity of phenol and cresol to freshwater fish *Gambusia affinis*"
13. Indian Science Congress held in Annamalai University, Chidambaram held on January 3-7 2007 page no 47 paper entitled "Influence of temperture on the lethal toxicity of para chlorophenol and para nitrophenol to freshwater fish *Gambusia affinis*"

14. International conference on Future challenges to Environmental scientists on Issues of Energy , Water and Human Health held in Jamia Hamdard University New Delhi. organized by National Environmental Science Academy, New Delhi on August 23-27 2007, page 40 paper entitled” Influence of pH on the lethal toxicity of phenol and para cresol to freshwater fish *Lepidocephalichthysguntea* “
15. National Symposium on Recent Trends in Bio sciences held at PES college theme was Biosciences for Human Welfare held on 30TH -31ST August 2007 page no 82 paper entitled “Influence of pH on the lethal toxicity of phenol and para cresol to freshwater fish *Gambusia affinis*”
16. 95th Indian science congress held in Vishakapathnam Jan 3RD -7TH 2008 page no 29 in Environment Section paper entitled “Influence of pH on the lethal toxicity of parachlorohenol and para nitrophenol to freshwater fish *Lepidocephalichthysguntea*”
17. National symposium on Rrole of life science s in Human Welfare held in V.V.Puram college on Feb 21ST -23RD 2008, page no 81 paper entitled “Influenc e of pH on the lethal toxicity of phenol, parachorophenol and pentachorophenol to freshwater fish *Gambusia affinis*”
18. National conference on Urban Environment- Present Scenario and Future Strategies” held in Bangalore university Bangalore jointly orgamised by Bangalore University and National Environmental Science Academy on Nov 27-29 2008 page no 96 paper entitled “Influence of total hardness on the lethal toxicity of para cresol and para chlorophenol to freshwater fish *Lepidocephalichthysguntea*.
19. UGC sponsored State level Conference on Emerging Trends in Bio Sciences and Bio Industry held at KLE ‘Society S.Nijalingappa college Bangalore on Feb 20th 2016 paper presented entitled “Influence of total hardness on the lethal toxicity of ammonia to freshwater fish *Gambusia affinis* “
20. Influence of pH on the lethal toxicity of ammonia to freshwater fish *Lepidocephalichthysguntea* Paper was presented in the National conference on Environment and pollution on 23rd and 24th March 2017
21. UGC Sponsored National conference on Environment and pollution on 23rd and 24th March 2017 was held in National college Basavanagudi, Bangalore the Paper presented entitled “Influence of pH on the lethal toxicity of ammonia to freshwater fish *Lepidocephalichthysguntea* “.
22. UGC sponsored State level Conference on Emerging Trends in Bio Sciences and Bio Industry held at KLE ‘Society S.Nijalingappa college Bangalore on Feb 20th 2016 paper presented entitled “Influence of total hardness on the lethal toxicity of ammonia to freshwater fish *Gambusia affinis* “

PAPER PRESENTED 2018 onwards

23. Participated in International conference on Recent Advances in Applied Sciences ICRAAS 2019, REVA University on 17-18 October 2019 and presented paper entitled” **Influence of pH on the Lethal Toxicity of Phenol, Para chlorophenol and Pentachlorophenol to freshwater fish Gambusia affinis**”
24. International conference on” Innovation and Application in Basic and Applied Science for Sustainable Development” on 6-7th December 2019 at St Pious X Degree and PG college for Women Hyderabad Telangana, in collaboration with IMRF Institute of Higher Education and Research, India, presented paper entitled “ **Influence of pH on the Lethal Toxicity of Para Cresol , Para Nitrophenol and Resorcinol to freshwater fish Lepidocephalichthysguntea**” Abstract book number ISBN 978-93-86435-74-3.
25. Participated and presented in International Conference on “Materials for Environment, Sustainable Society and Global Empowerment (MESSAGE 2019)” paper entitled ” **Influence of Total Hardness on the lethal Toxicity of Phenol, Para Chlorophenol and Pentachlorophenol to the fish Lepidocephalichthysguntea**” Jointly organized by National Environmental Science Academy and Visvesvaraya Technical University at Chikkaballapur on 19-20th December 2019.
26. Participated and presented the paper entitled “**Influence of pH on the Lethal Toxicity of Para Nitrophenol, Para Cresol and Resorcinol on Freshwater Fish Gambusia affinis**” at International conference on “Multidisciplinary Research in Global Challenges and Perspectives of Sustainable Development” on 21st December 2019 at St Jerome’ s College, Nagercoil, Kanyakumari, Tamil Nadu.
27. Participated and presented the paper entitled “**Survey of Solid Waste Dumps on Road Side Trees of Malleshwaram Area Bangalore** at “International conference on “Multidisciplinary Research in Global Challenges and Perspectives of Sustainable Development” on 21st December 2019 at St Jerome’s College Nagercoil, Kanyakumari, Tamil Nadu.
28. Presented paper entitled “ **Health Risks to Student Commuters Commuting by Public Transport in Bengaluru** “ organized by R .J.S Frist Grade college, Bangalore in one day Multidisciplinary National Web Conference VIBHAVAT 2020 “ Sustainability in n the Commerce Scientific Technological Linguistics and Environmental Sectors” on 6th June 2020.
29. Presented paper entitled “**Risks of Commuting by Public Transport During Pandemic Outbreak in Bengaluru**” organized by Department of Zoology , N.R.E.C. College, Kurja, Uttar Pradesh and Ortho clinical Diagnostics India Private Limited, in National webinar on “Impact of COVID 19 on Environment and Human Prospectus” on 21st June 2020.
30. Presented paper entitled “**Health Risks in Migrant Workers During Pandemic Outbreak in Bengaluru**” Organized by International Innovation Forum, International Buddhist Centre and K.G.K. PG College, Moradabad. in International webinar on “Impact of Present Scenario on the Life and World “ held on 27th -30th June 2020.

31. Asheera Banu Sangli paper entitled “Influence of pH on lethal toxicity of para chlorophenol, para chloroaniline and para nitrophenol to freshwater fish *Lepidocephalichthysguntea*“ in International Web Conference on Recent Advances in Freshwater Aquaculture (RAFA 2021), Organised on 21 -22 January 2021 by Department of Zoology., M S P Mandal’s Sunder Rao Solanke Mahavidyalaya., Majalgaon, Beed. India, in collaboration with NEAQUSA, ABRF, GESA.
32. Asheera Banu Sangli entitled “Influence of pH on the lethal toxicity of resorcinol thiophenol and para cresol to freshwater fish *Lepidocephalichthysguntea* “in the Virtual Conference on Techno- Scientific Challenges and Sustainable Solutions for Living beings During Changing Environment TCSE-2021 on January 29-30, 2021 organised by National Environmental Science Academy, New Delhi and ICAR- Indian Agricultural Statistical Research Institute. Abstract in souvenir page no 58.
33. Asheera Banu Sangli entitled ” Influence of pH on the lethal toxicity of resorcinol thiophenol and para cresol to freshwater fish *Gambusia affinis*” in Two Day International Webinar on Trends in Zoological Research : Genome to Organism organised by Department of Zoology. University of Kalyani on 12th to 13th February 2021.
34. Asheera Banu Sangli paper entitled “Influence of total hardness on the lethal toxicity of Ammonia to freshwater fish *Lepidocephalichthysguntea* in Two days International Web conference on “New Vistas in Aquatic and Terrestrial Biology and Environment During Current Pandemic” on March 26th and 27th 2021 Organised by R S S P Mandal’s Nana Saheb Y N Chavan Arts Science and Commerce College. Jalgaon ,, Nepal Aquaculture Society Nepal, Glocal Environment and Social Association, New Delhi.
35. Asheera Banu Sangli presented paper entitled “Reduction of solid waste dumps in religious places during pandemic outbreak in Bengaluru” in the International web conference on “COVID 19 Second wave : Challenges for Sustainable Development (CCSD 2021) “ held on September 13th, 14th and 15th 2021 organised by ABRF, Samrat Prithviraj Chauhan Government college, Government KRG College, Gwalior, Digambar ACS College , Darsh College, GESA, Government Degree College J&K..
36. Asheera Banu Sangli Presented paper entitled “Climate Change and Climate Refugees “in International virtual conference on Modern Zoology Known and Unknown organised by C. Abdul Hakeem College Tamil Nadu on 28th and 29th October 2021.
37. Presented paper entitled “Bird biodiversity in Bharath Nagar Bengaluru” at International conference on Environment and Society (ICES 2022) on 23RD and 24th December 2022 organised by Jiwaji University Gwalior, Madhya Pradesh India
38. Presented paper entitled “Climate change and Natural Disasters in Karnataka” in the international conference on Retrofitting Strategies for Sustainable Development Goals- A Way Forward on 17th and 18th January 2023 organised by Mount Carmel College (Autonomous) Bengaluru.

39. Presented paper entitled “Women and Environment “ in the International conference on Nature and Natural Sciences (ICNS 2023) on 5th and 6th May 2023 organised by Rani Durga Vati University Jabalpur, Madhya Pradesh India.

Symposium /Conference/Webinars Participated,Presented, Conducted

1. National symposium on Public participation in environmental protection held in Jai Narian Vyas university Jodhpur on Dec 22nd - 23th 1997 **presented** a paper entitled “Toxicity of cresol and chlorophenol to freshwater fish Lepidocephalichthysguntea and their effects on oxygen uptake “
2. International conference on Future challenges to environmental scientists on issues of energy, water and human health “ held at Jamia Hamdard University New Delhi on August 23-25 2007 **presented** and **chaired** a session “ Influence of pH on lethal toxicity of phenol and cresol to Lepidocephalichthysguntea “
3. National symposium on Recent trends in biosciences on 30-31 August 2007 at PES college Bangalore **presented** the research paper entitled “ Influence of pH lethal toxicity of phenol and para-cresol to freshwater fish Gambusia affinis”
4. Indian science congress symposium held at Annamalai University ,Chidambaram Jan 3rd -7th 2007 and **presented** the paper entitled “ Influence of temperature on para-chlorophenol and para-nitrophenol to freshwater fish Gambusia affinis”

5. Indian science congress symposium held at Annamalai University ,Chidambaram on JAN 3rd to 7th 2007 and **presented** the paper entitled “ Oxygen consumption of fingerlings *Cyprinus carpio* exposed to acute toxicity of Sodium selenite and arsenic trioxide “

6. International conference in Zoology INCOZ –2006 organised by UGC Academic staff college and Zoology dept Bangalore university Bangalore .**presented** research paper entitled” Influence of temperature on lethal toxicity of para nitrophenol and resorcinol to freshwater fish *Gambusia affinis*” on Nov 19th – 22nd 2006 held at Bangalore university, Bangalore

7. National conference on “Solid waste management solutions and concerns” was held by National environmental science academy and Environmental science department ,Punjab university, Chandigarh on September 16-18 2006 and **presented** the paper entitled “Influence of temperature on acute toxicity of phenol and cresol to freshwater fish *Gambusia affinis*”

8. National conference on “ Recent trends in environmental sciences” held by NESA and JB Institute of engineering and technology Hyderabad on october 25-27 2005 and **presented** a paper entitled” Influence of temperature on lethal toxicity of para cresol and para chlorophenol to *Lepidocephalichthys guntea*” .

9. **Participated** in symposium “Insight into stem cell technology” held by Maharani Ammani college for woman on 20th oct 2005

10. **Participated** in” International conference on stem cell research “on 29th Jan –1st Feb 2007 organised by Stem cell research foundation of India .

11. International workshop on Environmental toxicology and waste mangement with refernce to hospitals of northern India at Jamia Hamdard University New Delhi Dec 2-4 2006 , and **presented** the paper “Influence of temperature on lethal toxicity of sodium cyanide and formalin to fresh water fish *Gambusia affinis*”

12. Indian science congress symposium Vishakapatnam Jan 3-7 2007 **presented** the paper “Influence of pH on lethal toxicity of chlorphenol and para-nitrophenol to freshwater fish *Lepidocephalichthys guntea*”.

13. Participated and **presented** the research paper entitled “Influence of pH on lethal toxicity of phenol, para-chlorophenol and pentachlorophenol in *Lepidocephalichthys guntea*” in V.V.Puram College Bangalore held on 21st-23rd FEB 2008

14. Participated and presented the research paper entitled “Influence of Total hardness on the lethal toxicity of para cresol and para-chlorophenol to freshwater fish *Lepidocephalichthyesguntea*” on DEC27-29 2008 in National conference on Urban environment Present Scenerio and future stratergeies organized by Bangalore University, Bangalore

15. Participated in National Symposium on “ Role of life sciences in climate change and global warming” on 19th -21st FEB 2009 inVishweshwarapuram college Bangalore .

16. Participated in National level seminar in Rural College Kanakapura on 30th and 31ST March on “Emerging trends in soil microbes,Biodiversity and Environmental conservation “

17. Participated in 2 day symposium BioFutura 2010 “ Global warming and Sustainability of civilization on 12th and 13th march 2010 organised by Bioscience Center. CMR Institute, Bangalore .

18. Participated in national seminar and workshop on “Alternatives to use of animals in life science education” AET college Bangalore. on 2nd Dec 2010

19. Participated in International conference on convergence of science and engineering in education and research,”A Global perspective in the new millennium ICSE-2010.organised by Dayananda Sagar college on 21st-23rd 2010

20. Participatedin national seminar “ Infection and control in health care setting “ Organized by Dayananda sagar college of dental sciences and in association with IndianDental Association Bangalore branch

21. Participated in National seminar on “Comprehensive studies in clinical sciences” 29th 2009 August heldinPES college

22. Pariticipatedand Conducted the symposium Biomic CELLESTA- 05 organised by Dayananda Sagar college on 17th-18th OCT 2005

23. Participatedand Conducted the symposium Biomic CONEXO-07 organised by Dayananda Sagar college on 16TH -17th APRIL 2007

24. Participatedand Conducted the symposium Biomic PLACEBO- 08 organised by Dayananda Sagar college on 2ND APRIL 2008

25. Participatedand Conducted the symposium Biomic BIOSCIENCES TODAY- 2009 organised by Dayananda Sagar college on 26TH FEB 2009

26. Participatedand Conducted the symposium Biomic ADVANCED

BIOSCIENCES organised by Dayananda Sagar college on 30TH MARCH 2010 .

27. Participated in 2 day Symposium BIOFUTURA 2010 “ Global warming and sustainability of civilization on 12th and 13th March 2010 organised by Bioscience Center, CMR Institute Bangalore .

28. Participated in International Conference on “Convergence of Science and Engineering in Education and Research,”A Global perspective in the new millennium ICSE-2010.organised by Dayananda Sagar College on 21st-23rd 2010 .

29. Participatedin National Seminar on“ Infection and Control in Health Care Setting “ Organized by Dayananda sagar college of Dental Sciences and in Association with Indian Dental Association Bangalore branch.

30. Participated in International Conference on “Bioremediation, Environmental Management Polar Science & Technology” in Presidency College on 28th to 29th December .2011

31. Participated in National Conference “Science & Technology for Societal Transformation held at Dayananda Sagar College on 19th& 20th Dec. 2012.

32. Participated in National Conference “Integrated Urban Waste Management and Environment Health” held in Vijaya College Bangalore on Sept 27-28 ,2013.

33. Participated in International conference on “Convergence of Science , Engineering and Management in Education and Research held at Dayananda Sagar Institution on 26th – 27th Sept 2013

34. Participated in State Level Conference on “Science for World Peace and Development” jointly organized by KSTA, DST and Dayananda Sagar College on 5th March 2014

35. Participated in National Seminar on “Impact on Urbanization on Biota and Role of Governmental and Non Governmental Organization in their Conservation”. held in Government Science College Bangalore on 1st August 2014.

36. Participated in National Conference on “Novel Approaches in Biodiversity and its Conservation” held at Maharani Lakshmi Ammani College for Women, held on 30th July and 1st August 2014.

37. Participated in National Conference on “Beyond the Frontiers in Science and Technology” held on 27th and 28TH March 2014 at Oxford College Bangalore .

- 38. Participated** in National conference on “Trends in Pharmaceutical Biotechnology” held at Maharani Lakshmi Ammani College for Women on March 27th to 28th 2015, organized by Maharani Lakshmi Ammani College for Women and Study Circle in Life Sciences.
- 39. Participated** in National Conference on “Stress and Health Frontiers of Research in Stress Related Diseases and Management” held on 12th& 13th Feb 2015 at Maharani Science College for Women, Palace road, Bangalore.
- 40. Participated** in National Conference on “Science Technology and Production, A Means for Growth” held in Oxford College on 5th and 6th Feb 2015 jointly organised by Oxford College and KSTA
- 41. Participated** and conducted in National Conference on Sustainable Management of Urban Environmental Issues organised by Karnataka State Pollution Control Board and Bangalore Water Supply and Sewage Board, Govt of Karnataka and Dayananda Sagar college on 30th March 2015.
- 42. Participated** in National Conference on “Science and Technology for Gennext Urban Space” organized by KSTA and Bangalore Institute of Technology, Govt of Karnataka held on 5TH and 6TH Nov 2015
- 43. Participated** and **presented** in state level conference on “Emerging Trends in Bio Sciences and Bio Industry on 20th Feb 2016 organised by KLE ‘S Nijalingappa College Bangalore.
- 44. Participated** in National level symposium on DBT-Heralding a new era for bio innovations on 16th and 17th Feb 2016 at Maharani Lakshmi Ammani college for women Bangalore .
- 45. Participated** in National conference on “Infection and Immunity-A Globally challenge for disease control held at REVA University On 28th November 2016
- 46. Participated** in National Seminar and Workshop on “**Alternatives to use of Animals inlife science education**” AET college Bangalore on 2nd Dec 2010
- 47. Participated** in Two day Seminar cum workshop on **Computational Biology Applications** held at Maharani Lakshmi Ammani College for Women on Feb 14th -15th, 2014.
- 48. Participated** in National Seminar on “Quality and Design – Significance in Development of Novel Drug Delivery Systems” on 16th March 2016 at Dayananda Sagar College

- 49. Participated in National Seminar on Nano Medicine Application and Advances on 17th March 2016 at Dayananda Sagar College.**
- 50. Seminar on Recent Trends in Biology Techniques was organized by Dayananda Sagar University on 9th Sept 2016**
- 51. National conference on BIOESSENCE , Integrated health care held in Jyothi Nivas College on 11th and 12th Jan 2017**
- 52. Seminar organized by Internal Quality Assurance Cell, held in Dayananda Sagar college of Arts ,Science and Commerce on “Medicine Free Life” on 20th Jan 2017**
- 53. National Seminar on Biofilm -Technology Problems and Prospectus on 25th Jan 2017 organised by Kristu Jayanthi college**
- 54. State level Seminar on Sustainable Development and Environmental Issues in Government Science College, Bangalore on 4th Feb 2017**
- 55. National Conference on Environment and Pollution held in National college, Bangalore on 23rd and 24th March 2017**
- 56. 10th National Women’s Science Congress 6TH -7TH November 2017 organised by Ramaiah College of Arts Science and Commerce Bangalore**
- 57. Participated in International conference on “ Recent Trends in Zoology , Biodiversity, Genetics and Environmental Sciences” December 04-05, 2018 at Zoology Department, Bangalore University.**
- 58. Participated in National level Seminar “Conclave for Natural Disaster Reduction and Sustainable Development- CNDRSD 2018” on 13th October 2018 at K.L.E.s S. Nijalingappa College**
- 59. Participated in National Level Seminar on “Impact of Climate Changes on Wildlife” at K.L.E.s S. Nijalingappa Degree College on 4th October 2018.**
- 60. Attended one day Seminar on “Physics , Education Research and Outcomes” at M.E.S college of Arts Commerce and Science on 16th February 2019.**
- 61. Participated National conferences jointly organized by Karnataka Science and Technology Academy and NMKRV college for Women on February 1-2 2019 on “New Vistas in Science and Technology for Common Good”.**

62. Participated in National conference on "Phytochemicals and Microbial Bioactive Compounds – Role in Agriculture and Human Welfare " Jnanabharathi Campus Bangalore University on 3-4 October 2019.
63. International conference on "Innovation and Application in Basic and Applied Science for Sustainable Development" on 6-7th December 2019 at St Pious X Degree and PG college for Women Hyderabad Telangana, in collaboration with IMRF Institute of Higher Education and Research, India, presented paper entitled "Influence of pH on the Lethal Toxicity of Para Cresol, Para Nitrophenol and Resorcinol to freshwater fish *Lepidocephalichthysguntea*" Abstract book number ISBN 978-93-86435-74-3.
64. Participated in International conference on Recent Advances in Applied Sciences ICRAAS 2019, REVA University On 17-18 October 2019 and presented paper entitled "Influence of pH on the Lethal Toxicity of Phenol, Para Chlorophenol and Pentachlorophenol to freshwater fish *Gambusia affinis*"
65. Participated and presented the paper entitled "Influence of pH on the Lethal Toxicity of Para Nitrophenol, Para Cresol and Resorcinol on Freshwater Fish *Gambusia affinis*" at International conference on "Multidisciplinary Research in Global Challenges and Perspectives of Sustainable Development" on 21st December 2019 at St Jerome's College, Nagercoil, Kanyakumari, Tamil Nadu.
66. Participated and presented the paper entitled "Survey of Solid Waste Dumps on Road Side Trees of Malleshwaram Area Bangalore at "International conference on "Multidisciplinary Research in Global Challenges and Perspectives of Sustainable Development" on 21st December 2019 at St Jerome's College Nagercoil, Kanyakumari, Tamil Nadu.
67. Participated and presented in International Conference on "Materials for Environment, Sustainable Society and Global Empowerment (MESSAGE 2019)" paper entitled "Influence of Total Hardness on the lethal Toxicity of Phenol, Para Chlorophenol and Pentachlorophenol to the fish *Lepidocephalichthysguntea*" Jointly organized by National Environmental Science Academy and Visvesvaraya Technical University at Chikkaballapur on 19-20th December 2019.
68. Participated in the "107th Indian Science Congress Association "held at University of Agricultural Sciences, Bangalore from 3-7th January 2020.
69. Participated in National webinar on Fishery Resource and Future Fisheries organized by P.G Department of Zoology, Arignar Anna Govt Arts college Thiruvannamalai, Tamil Nadu 13TH September 2020.
70. Participated in online Awareness Programme on Ozone -A protective shield of Earth organized by P.G .Department of Zoology ArulmugamPalaniandavar Arts College for Women, Palani on 15TH September 2020

- 71.** International Webinar Series on Recent Trends in Life Sciences organised by G.T.N College Dindigul on July 2nd 2020
- 72.** National Webinar on Recent Advances in Biosciences organized by Smt Kasturi Bhai Walchand college of Arts and Science , Sangli on 28th June 2020
- 73.** Webinar on Optical Sensors for Bio War conducted by Electronics Department M E S College of Arts Commerce and Science on 26th June 2020
- 74.** International Webinar Series on Recent Trends in Life Sciences Department of Zoology., GTN Arts College, Dindigul 3rd July 2020
- 75.** International Webinar Series on Recent Trends in Life Sciences, Department of Zoology, G T N Arts College, Dindigul 4th July 2020
- 76.** Webinar entitled Sustainable Urban Waste Management Organised by Research Cell Department of Life Sciences, Padmashree Institute of Management and Sciences Bengaluru on 20th June 2020..
- 77.** National webinar on NRF2 Signalling and Nutraceuticals Dietary Interventions in Chronic Diseases (NSNDICD 2020) GFGC and PG Center Chintamani Karnataka. On 16th June 2020.
- 78.** Webinar on Introduction to IPR and patent filing on 20th June 2020 Organised by µ maker Trichy
- 79.** Webinar on Spirulina An Immunity Booster Organised by M E S College of Arts Commerce and Science, Department of Chemistry on 2nd June 2020
- 80.** Webinar on Introduction to Dataverse for Data sharing 27th May 2020 Organised by Knowledge Resource Centre TERI
- 81.** AMR Masterclass webinar on 6th June 2020 on Maintenance of Microbiology Specimens in Covid Times Organized by BD India.
- 82.** Webinar on Online Teaching Learning and Online Assessment on May 27TH 2020 Organised by InPods Ed Tech Webinar Organized by InPods Ed Tech on NAAC Accreditation Management System Demo on May 14th 2020
- 83.** National webinar entitled Nutrigenomics -What you eat is what you are, Organized by Department of Botany 11th July 2020 M E S College of Arts Commerce and Science.
- 84.** National webinar on Recent Advances in Bioscience, on 28th June 2020 organised Smt Kasturi Bai Walchand College of Arts and Science. Sangli.
- 85.** National Webinar on Wild Life Conservation and Biodiversity organized by Krantisinh Nana Patil college. Walve,, Sangli on 17th July 2020.
- 86.** National webinar on Bioprospecting Ascidians – A Marine Invertebrate Conducted by T. John College of Pharmacy on 12th Aug 2020.

87. One day International webinar on Recent Progress in Applications of Nanoparticles in Aquaculture organized by ArulmiguPalaniandavar Arts College for Women Palani on 12th Aug 2020.
88. National level webinar Asiatic Lions An Insight Into History , Ecology and Human -Lion Interactions at it's last Abode in the Saurashtra Peninsula. On 10th August 2020.
89. Webinar on Breakthrough in Cell Science organized by Midnapore college West Bengal .on 9th Aug 2020
90. National webinar on Environment Around us on Occasion Hariyali Mahotsav organised by Forest Department Ujjain , and Government Girl's PG College, Ujjain .on July 2020.
- 91. Organised National webinar on Organic Farming For Sustainable Agriculture organized by Department of Zoology on 29th July 2020, M E S College of Arts Commerce and Science.**
92. National webinar on Agroforestry System in India organized by Rajapalayam Raju's college and Wildlife Association Rajapalayam on 22nd July 2020.
93. International web conference on Innovative Technologies ,Entrepreneurship Avenues , livelihood Enhancement in Sustainable Management of Animal Farming organized by Dr Ambedkar Government Arts College, P.G. Research Department of Zoology, Tamil Nadu .and Indian Science Congress Association on 3rd to 4th August 2020.
94. Webinar on Women in Science Technology Engineering and Mathematics (STEM) organised by S,V ,National Institute of Technology. TEQIP -III (EQUATE) on Aug 28th 2020.
95. Webinar on Let's Bring Sparrows Organised BI-PLAN CARE, Conservation Club, Ayya Nadar Janaki Ammal College,.Sivakasi. on 26TH Aug 2020.
96. Webinar on Indian Biodiversity and It Conservation Organized by Rajapalyam Raju's College Tamil Nadu on 26th Aug 2020.
97. Webinar Role of NGO'S in Society Building conducted by Department of Commerce , M E S College of Arts Commerce and Science, on 23rd Aug 2020
98. International Conference entitled Environment for Sustainable Development held on 6th,7th to 8th July 2020. Organized by Seshadripuram First Grade College, KSTA, Himalayan Environmental Studies and Conservation Organization and North Bangalore Science Forum.
99. Nationale Conference on Pollution and its Impact on Universal Health on 29th October 2020 organised by KLE'S S, Nijalingappacollege,.
100. International Conference on Artificial Intelligence for Zero Breakdown in Manufacturing A path to Sustainable Development held on 9th to 11th July 2020 Organized by Seshadripuram First Grade College, KSTA, Mentor X Global, North Bangalore Science Forum.

101. National webinar on Fishery Resources and Future Fisheries organized by Arignar Anna Govt Arts College, Thiruvannamalai, Tamil Nadu. held on 2020
102. Participated in National webinar on Academic Writings Do's and Dont's on June 19th 2021 conducted by Nehru Arts Science Commerce BBA BCA College and PG. Centre. Huballi
103. Participated in National webinar on Intellectual Property Rights and Hands on Training on Patent Research and Filling on 2ND July 2021 conducted by Marudhar Kesari Jain College for women ,Vaniyambadi.
104. Participated in International webinar Recent Trends in Immunostimulants Application in Aquaculture Industry , conducted by Sadakattaullah Appa College on 24th June 2021
105. Participated in National webinar on Advanced Resources of Biofuel Production conducted by, S J M Institution of Technology., Chitradurga on 25th June 2021
106. Participated in National webinar on NEP 2020 Towards Creating Robust Ecosystem for Research and Innovation on 25th June 2021 organised by Disha Bharat Vikasana, Bangalore University
107. Participated in International E Conference on Recent Advances in Chemical Physical and Biological Sciences organised by Nabira Mahavidyalaya., Katol 29th -30th June 2021
108. Participated in National Conference on, International day for Biological Diversity organised by Ecor Foundation Sttles and S S V College on 23rd May 2021
109. Participated in Webinar on Chennai Biodiversity Past Present and Future on 23rd June 2021 conducted by Guru Nanak College.Chennai
110. Participated in webinar on Significant Reduction in Snake Bite Death in India by Awareness on 19th June 2021
111. Participated in webinar on Role of Microorganisms in Accelerating or Mitigating the Impacts of Anthropogenic Climate Change organised by Mandasur University on 18th June 2021
112. Participated in webinar organised by Pachaiyappa's College Chennai on Covid-19 Epidemiological and Scientific Preparedness on 19th June 2021
113. Participated in national webinar organised by Nehru Arts Science Commerce BBA BCA College P G Centre Hubballi on Academic Writings Do's and Don'ts on 19th June 2021
114. Participated in national webinar organised by Guru Nanak College On Empowering Women through Entrepreneurship on 15th June 2021.
115. Participated in webinar organised by Post Graduate Department of Mathematics and Research Centre in Applied Mathematics, M E S College of Arts Commerce and Science on Stress Management During the Pandemic on June 13th 2021.
116. **Conducted national webinar on Mucormycosis in COVID 19 conducted by Zoology Department M E S College of Arts Commerce and Science June 17th 2021**
117. Participated in national webinar organised by Rajapalayam Raja's college on Microplastic Pollution in the Ocean and It's Effect on Marine Life on 8th June 2021.
118. Participated in national webinar organised by Pope's College on Corona Virus and Wildlife Trade on 9th June 2021

119. Participated in national webinar organised by Rajapalayam Raju's College on How to Save the Planet by Changing your Diet on 7th June 2021
120. Participated in national webinar organised by Nehru Institute of Technology on Introduction to Food Regulatory Ecosystem in India on 9th May 2021
121. Participated in national webinar organised by Academy of Maritime Education and Training on World Biodiversity Day on 22nd May 2021
122. Participated in webinar series organised by B.D India on Management of Fungal Co Infections in COVID 19 on 4th June 2021
123. Participated in National Conference organised by Ecor Foundation on International day for Biological Diversity 23rd May 2021.
124. Participated in national webinar on Nurturing Biodiversity an Imperative Commitment to Mankind organised by K L E's S.Nijalingappa Degree College on 27th May 2021,
125. Participated in national webinar on Otters of India organised by Rajapalayam Raja's College on 26th May 2021
126. Participated in national webinar conducted by Rajapalayam Raja 's College on Declining Bees -Due to our Ignorance on 20th May 2021
127. Participated in national webinar conducted by Guru Nanak College on Patent-Drafting and Registration on 19th May 2021
128. Presented paper in Two day International Webinar on Trends in Zoological Research Genome to Organism on Feb 12th and 13th 2021 conducted by University of Kalyani, West Bengal entitled " Influence of pH on Lethal Toxicity of Resorcinol Thiophenol Para Cresol to Gambusia affinis abstract pp no 17 page 28-29.
129. Participated in national conference on Emerging Trends of Life Sciences in View of Current Pandemic Situation conducted by Amar Seva Mandal's Kamla Nehru Mahavidyalaya Nagpur 15th May 2021.
130. Participated in webinar on Towards low carbon climate resilience how artitects can deliver change on 9th 16th 23rd April 2021 organised by INECC MKSSS , Dr Bhanu Bhen College of Architecture.
131. International seminar and people's participation in Environment Sustainability A Virtual Discussion held on 8th May 2021 organised by PG DAV college University of Delhi and Young Social Scientist Association of India
132. Participated in webinar organised by Kanya Maha Vidyalaya Jalandhar on Solid Waste Management on 29th April 2021
133. Participated in online sessions on Earth Week organised by Samuchit Enviro Tech , Laya INECC from 19th to 24th April 2021
134. Participated in webinar organised by Nilkant Rao Shinde Science and Arts College on Conservation Issues and Threat to Biodiversity on 12th April 2021.
135. Participated in webinar organised by I B Post Graduate College on Restoring our Earth on April 22nd 2021.
136. Participated in International webinar on Role of Science and Technology in Global Health and Food Security organised by Government Girl's PG College Ujjain Madhya Pradesh from 1st to 3rd March 2021
137. Participated in national webinar organised by Vikasana Disha Bharat on Capacity Building in Higher Education Institution on 26th Feb 2021.

138. Participated in Interdisciplinary webinar organised by Tuljaram Chaturchand College on Advances and Opportunities in Life Sciences on 18th Feb 2021
139. Participated in webinar organised by Shri VijaySinha Yadav College Kolhapur, Padmabhusan Dr Vasant Rao Dada Patil Mahavidyalaya .Sangli , on Sojourn to Antartica the Lesser Known Continent on 27th Feb 2021
140. Presented the paper in 2 days National conference on Technoscientific Challenges and Sustainability Solutions for Living being During changing Environment (TCSE 2021) on 29th -30th Jan 2021 paper entitled Influence of pH on lethal toxicity on Resorcinol Thiophenol and Para cresol on Freshwater fish Lepidocephalichthysguntea
141. Participated in webinar on Environment Wild life and Sustainable Future on 8th Feb 2021 conducted by Chhatrasal Government P G College Panna Madhya Pradesh.
142. Participated in webinar conducted by Government Swami Vivekananda College Sarangpur Madhya Pradesh on Intellectual Property Rights on 13th Jan 2021
143. Participated in two day seminar on The Role of IPR in Present Economic Scenario Prospects and Challenges organised Sivananda Sarma Memorial RV College on 8th to 9th Dec 2020
144. Participated in International webinar on Urban Pest Control organised by Guru Nanak College 11th Dec 2020
145. Participated in webinar conducted by The Associated Chambers of Commerce and Industry of India. Assocham's Interaction on Invasive and Migratory Pest Management Challenges and Way Forward on 23rd Nov 2020
146. Participated in webinar on Mystery of Transoceanic Avian Migrants organised by PSMO College, Tiruangani 30th Oct 2020.
147. Participated in International webinar on Contemporary Issues in Biodiversity and its Related Technologies organised by Chakdaha College on 30th August 2020.
148. Participated in Virtual Learning Programme on Vermitechnology organised by Tagore Govt Arts and Science College on 19th August 2020
149. Participated in webinar on Hormonal Regulation of Blood Sugar and Diabetes on 12th Sept 2020 organised by Government Arts College Kumbakanam
150. Participated in national E Conference organised by K L E s 'S. Nijalingappa College on Pollution and its Impact on Universal Health on 29th October 2020.
151. Participated in Three days International Conference on Artificial Intelligent for Zero Breakdown in Manufacturing , A Path to Sustainable Development from 9th to 11th July 2020 organised by Ssheshadripuram First Grade College in collaboration with North Bangalore Science Forum, Mentor X Global, KSTA.
152. Participated in webinar on Role of NGO in Society Building on 23rd Aug 2020 organised by Dept of Commerce, M E S College of Arts Commerce and Science.
153. Participated in webinar on Indian Biodiversity and its Conservation on 26th Aug 2020 organised by Rajapalayam Raju's College.
154. Participated in Webinar on Honey Bee Products In Boosting Immunity Against Disease, organised by Government First Grade College Kolar ,on 27th Aug 2020.

155. Webinar on Women in Science Technology Engineering and Mathematics (STEM) organised by S.V.National Institute of Technolu Gujarat on Aug 28th 2020
156. Organised Webinar on Organic Farming for Sustainable Agriculture on 29th July 2020 Dept of Zoology , MES College of Arts Commerce and Science
157. National webinar on Environment Around Us on Account of Hariyali Mahotsava by Government Girl's PG College Ujjain Forest Dept Ujjain and Roopantharan Samajik Evam Jankalyan Sanstha on 20th July 2020
158. National webinar on Asiatic Lions an Insight into the History, Ecology and Human -Lion Interactions at it's last Abode in Saurashtra Peninsula , Rajapalayam Raju's College On 10th Aug 2020.
159. International webinar on Breakthrough in Cell Science s Midnapore college on 9th Aug 2020.
160. International web conference on Innovations Technologies, Entrepreneurship Avenues Livelihood Enhancement in Sustainable Management of Animal Farming organised by Dr Ambedkar Government Arts College , PG and Research Dept of Zoology Indian Science Congress Association 3rd and 4th Aug 2020.
161. Webinar on Agroforestry system in India organised by Rajapalayam Raju's College on 22nd July 2020
162. National webinar on Hisss Snake organised by Rajapalayam Raju's College on 20th July 2020
163. National webinar on Wildlife conservation and Biodiversity organised by Kisan Shikshan Sansthan Kranthisinh Nana Patil College Walwe on 17th July 2020 Presented paper in International webinar on Impact of present scenario on the life and world paper entitled Health Risks in Migrant Workers During Pandemic Outbreak in Bengaluru organised from 27th to 30th 2020 by International Innovation Forum , JBL and KGK(PG) College Moradabad
164. National webinar on Nutrigenomics What you are in what you are , Dept of Botany , M E S College of Arts, Commerce and Science on 11th July 2020
165. National webinar on Recent Advances in Biosciences on June 28th 2020 by Smt Kastur Bhai Walchand College (Arts and Science) Sangli
166. International webinar series on Recent trends in life sciences organised Dept of Zoology GTN Arts College Dindigul 2nd , 3rd and 4th July 2020
167. Webinar on Optical Sensors for Biowar on 26th June 2020 organised by Dept of Electronics ME S College of Arts Commerce and Science college.
168. National webinar on Zoonotic disease -Prevention and Control on 6th July 2021 conducted by Bharathi women's college Chennai.
169. International webinar Fa Eira A side event of United Nation Framework Convention on Climate Change by ACE Youth Forum 16th July 2021.
170. National conference on New Trends in Biodiversity on 30th Sept 2021. Conducted by Narayan Rao Kale Smruti Model College.
171. National webinar on J C Bose 163rd birth anniversary celebration organised by KLE science and commerce college on 30th November 2021
172. International conference on multidisciplinary aspects of environment and sustainable development from 15th to 18th December 2021 organised by Raj Rishi government college..
173. National webinar on national day of girl child held on 24th January 2022 organised by stfrancis de sales college.

174. Webinar on scholarly publishing v/s predatory publishing on 22nd January 2022 organised by NITTE Dr NSAM First Grade College.
175. National webinar on Value Based Education Prospects and Policies for Nation and Humanity on 17th January 2022 organised by S K. Roy college.
176. National level webinar series event -4 on capacity building in higher education institution on February 26th 2021 by VIKASANA Disha Bharath
177. NEP 2020 towards creating a robust ecosystem for research and innovation on 25th June 2021 .
178. National webinar on J C Bose 's 163rd birth anniversary celebration organised by KLE Society 'S Science and commerce college on 30th November 2021
179. National webinar on IOT New Era of Digitization on 8th January 2022 organised by Tuljaram Chatur Chand College .
180. Presented paper entitled "Influence of pH on lethal toxicity of para chlorophenol, para chloroaniline and para nitrophenol to freshwater fish *Lepidocephalichthysguntea*" in International Web Conference on Recent Advances in Freshwater Aquaculture (RAFA 2021), Organised on 21 -22 January 2021 by Department of Zoology., M S P Mandal's Sunder Rao Solanke Mahavidyalaya., Majalgaon, Beed. India, in collaboration with NEAQUSA, ABRF, GESA.
181. Presented paper entitled "Influence of pH on the lethal toxicity of resorcinol thiophenol and para cresol to freshwater fish *Lepidocephalichthysguntea* "in the Virtual Conference on Techno- Scientific Challenges and Sustainable Solutions for Living beings During Changing Environment TCSE-2021 on January 29-30, 2021 organised by National Environmental Science Academy, New Delhi and ICAR- Indian Agricultural Statistical Research Institute. Abstract in souvenir page no 58.
182. Presented paper entitled " Influence of pH on the lethal toxicity of resorcinol thiophenol and para cresol to freshwater fish *Gambusia affinis*" in Two Day International Webinar on Trends in Zoological Research : Genome to Organism organised by Department of Zoology. University of Kalyani on 12th to 13th February 2021.
183. presented paper entitled "Influence of total hardness on the lethal toxicity of Ammonia to freshwater fish *Lepidocephalichthysguntea* in Two days International Web conference on "New Vistas in Aquatic and Terrestrial Biology and Environment During Current Pandemic" on March 26th and 27th 2021 Organised by R S S P Mandal's Nana Saheb Y N Chavan Arts Science and Commerce College. Jalgaon ,, Nepal Aquaculture Society Nepal, Glocal Environment and Social Association, New Delhi.
184. presented paper entitled "Reduction of solid waste dumps in religious places during pandemic outbreak in Bengaluru" in the International web conference on "COVID 19 Second wave : Challenges for Sustainable Development (CCSD 2021) " held on September 13th, 14th and 15th 2021 organised by ABRF, Samrat Prithviraj Chauhan Government college, Government KRG College, Gwalior, Digambar ACS College , Darsh College, GESA, Government Degree College J&K..

- 185.** Presented paper entitled “Climate Change and Climate Refugees “in International virtual conference on Modern Zoology Known and Unknown organised by C. Abdul Hakeem College Tamil Nadu on 28th and 29th October 2021.
- 186.** Presented paper entitled “Bird biodiversity in Bharath Nagar Bengaluru” at International conference on Environment and Society (ICES 2022) on 23RD and 24th December 2022 organised by Jiwaji University Gwalior, Madhya Pradesh India
- 187.** Presented paper entitled “Climate change and Natural Disasters in Karnataka” in the international conference on Retrofitting Strategies for Sustainable Development Goals- A Way Forward on 17th and 18th January 2023 organised by Mount Carmel College (Autonomous) Bengaluru.
- 188.** Presented paper entitled “Women and Environment “ in the International conference on Nature and Natural Sciences (ICNS 2023) on 5th and 6th May 2023 organised by Rani Durga Vati University Jabalpur, Madhya Pradesh India.

WORKSHOPS ATTENDED

1. Workshop on “**Research Methodology**” held at Academic Staff college Karnatak University Dharwad 17Feb 1997.
2. Workshop on “**Research Methodology**” held at Academic Staff college Karnatak University Dharwad Jan 31 2000
3. Workshop on “**Review of BSc Degree Semester Syllabus in Zoology**” organized by Dept of studies and research in Zoology HKES Sri Veerendra Patil college Bangalore 3rd –4th Dec 2003
4. Workshop on “**Plastination**” organized by Department of Zoology National College Basavanagudi Bangalore on 18th December2004
5. Workshop on “**Eco-Behavioural adaptations**” organized by Department of Life sciences SeshadripuramFirst Grade College, Bangalore on 9th March 2007.
6. Workshop on “**Molecular Biomarkers (PCR Techniques)**” organized by PES College Bangalore in June 18th2008
7. Workshop on “**Clinical Research**” held in AMC College Bangalore in 2ndMay 2008
8. Workshop on “**Climate change**” organized by Rastriya Parisar Jagruthi Andholana held by Karnataka Rajya Vignana Parishad Bangalore on 21st DEC 2008 in MLAW college Bangalore
9. Workshop on **Innovative Leadership** organized byCentre for Innovative Leadership at Dayananda Sagar College Bangalore July 2008
10. Workshop on “**Immunological Techniques**” in PESIT COLLEGE Bangalore on 21st APRIL 2009
11. Workshop on “**Integretad Approach towards understanding Darwinism**” held on 4th and 5th Sept 2009 at NMKRV College for women Bangalore.
12. Workshop and National Seminar on “**Revision of curriculum in Zoology for B.Sc UG semester scheme**” organized at Vijaya college Bangalore on 23rd and 30th Sept 2009 organised by Vijaya college and PG Dept of Zoology Bangalore University
13. Workshop on “**Review of B.Sc degree semester syllabus in Zoology**” held in V.V. Puram college organized by Department of studies and research in Zoology Teacher’s forum and V.V .Puram college Bangalore.
14. Workshop on **Recent Techniques in Immunology and Molecular Biology** in

association **Dayanandasagar college of biological sciences and Aristogen Biosciences pvt ltd** Bangalore on 8th and 9th oct 2010

15. Participated in 1 day Workshop on **Molecular biomarkers** (PCR Techniques) in PES College Bangalore in JUNE 2008
16. Workshop on **NAAC Re- Accreditation** was organized by Dayananda Sagar college of Arts , Science and Commerce Bangalore on 16TH -17TH Nov 2009
17. Workshop on “**Clinical Research**” held in AMC College Bangalore in MAY 2008
18. Workshop on **Innovative Leadership** organized by Center for Innovative Leadership at Dayananda Sagar College Bangalore
19. Workshop on “**Immunological Techniques**” organised by PESIT COLLEGE Bangalore on 21st April 2009
20. Workshop on “**Integretadapproach towards understanding Darwinism** ” held on 4th and 5th Sept 2009 at NMKRV College for women Bangalore
21. Workshop and National Seminar on “**Revision of curriculum in Zoology for B.Sc UG semester scheme**” organized at Vijaya college Bangalore on 23rd and 30th Sept 2009 organised by Vijaya college and PG Dept of Zoology Bangalore University.
22. Workshop on “**Review of B.Sc degree semester syllabus in Zoology**” held in V.V.Puram collegeorganized by Department of Studies and Research in Zoology Teacher’s forum and V.V.Puram college Bangalore
23. Workshopconducted on**Recent techniques in immunology and molecular biology** in association **Dayananda Sagar College of Biological Sciences and Aristogen Biosciences pvt ltd** Bangalore on 8th and 9th Oct 2010
24. Two days workshop on **Separation Techniques of Biomolecules** in Maharani Lakshmi Ammani College for Women State Level Workshop on 26th to 27th August 2011.
25. Workshop on **Principle Application and Current Development HNMR, CNMR and MassSpectroscopy** in Dayananda Sagar College of Pharmacy on 11th& 12th Feb. 2011
26. Workshop on **Forest Conservation Wild Life Protection & Environmental Issue** on 30th Jan.2012.at AMC College Bangalore
27. Workshop for faculty development program on “**Recent Advances in Immunomolecular Diagnostics** on 2^{1st} to 2^{4th} Jan.2013 jointly organized by Oxford College, Karnataka Science and Technology Academy and Aristogene
28. Two Days Workshop on **Revised Curriculum of VI semB.Sc Zoology Practical** held at Vijay College on 1st& 2nd Feb.2013.

29. Workshop on “**Biodiversity, Indigeneous Knowledge and Biotechnology**“ held on 9th Nov 2013 in Maharani Lakshmi Ammani College for Women
30. Workshop on “**Recent Techniques in Biological Sciences** jointly organized by Karnataka Science and Technology Academy and Azyme Biosciences and Dayananda Sagar College on 10th and 11th Feb 2012
31. Guided the BSc students in model making competition jointly organized by Karnataka State Science Parishath and Science and Technology Department Karnataka Government on 8-9 April 2013 held at Dayananda Sagar College
32. Workshop conducted on **DNA Fingerprinting Technology , Molecular Markers and Bioinformatics** jointly organized by KSTA,DST, GOVT OF Karnataka Dayananda Sagar College, held on 28th Feb and 1st March 2014.
33. Attended two day Workshop and National Seminar on “Revision of curriculum in Zoology for B.Sc UG semester scheme” organized at Vijaya college Bangalore on 23rd and 30th Sept 2009 organised by Vijaya college and PG Dept of Zoology, Bangalore University.
34. Attended the one day Workshop on “Review of B.Sc degree semester syllabus in Zoology” held in .V. Puram college organized by Department of studies and research in Zoology Teacher’s forum and V.V.Puram college Bangalore 2010
35. Guided the B.Sc, students in model making competition jointly organized by Karnataka State Science Parishath, Science and Technology, Department Karnataka Government on 26th March 2016 held at Dayananda Sagar College.
36. Two day Lecture Workshop on “Biotechnology –Present and Future” organized by Vijaya college Bangalore on 29th and 30th January 2016.
37. Participated in 2 days lecture workshop on DNA Repair and Diseases organized by Christ University Bengaluru. on 11th and 12th March 2016.
38. Participated in Science Academics workshop on “Genetically Modified Organism – Pros and Cons” organized by Oxford College on 3rd and 4th March 2016
39. Participated in Workshop on” Bioinstrumentation” held at Kristu Jayanthi college on 19th Dec 2016
40. State level Workshop on “Behavioral Studies in Insects” held in RJS First Grade College on 18th Feb 2017
41. Science Academies Lecture Workshop on “Progress in understanding of disease biology” held on 22nd -23rd Feb 2017 in Christ University
42. Science academies lecture workshop on from genetics to genome engineering new vistas in life sciences on 12th and 13th September 2017 organized by Maharani Lakshmi ammani college for women Bangalore

43. Participated workshop on “Computational World in Life sciences” on 12th January 2019 in REVA university
44. Attended Workshop on “ The new Framework of NAAC Assessment and Accreditation Process” on 13th March 2019 at H.K.E.S. Sree Veerendra Patil Degree College of Sciences, Arts, Commerce and Management.
45. Good laboratory Practice (GLP) Training Workshop on 2nd July 2020 organised by the Vinayaka Mission’s Research Foundation.- DU
46. One week Online National Workshop on Environmental and Ecological Perspective in current scenario organized by Balwant College Vita. From 15th July to 21st July 2020.
47. Training webinar on Methodology for Collection Preservation and Curation of Zoological Specimens from 2nd to 4th August 2021 organized by Zoological Survey of India , Ministry of Environment Forest and Climate Change.
48. Seven Days National E Awareness programme on Wildlife Conservation in India The changing Paradigm from 2nd to 8th October 2021 conducted by Govt Girl’s PG College Ujjain (MP).

FACULTY DEVELOPMENT PROGRAMMES

1. One day Faculty Development Program on **Time Management Skills and Empowered Leadership Program**” 20th July 2008 conducted by CIL, Dayananda Sagar Institute, Bangalore
2. One day FDP on **Smart Board Training Programme** organized by Dayananda Sagar Institute on Oct. 2008.
3. 2 days workshop on conducted **NAAC ReAccreditation program** held on 16th and 17th November 2009 organized by Dayananda Sagar college of Science Arts and Commerce in association with center for management and education services Bangalore.
- 4 Participated in one day orientation programme on **Personality Development & Body Language** by **Dr. L. N. Sheshagiri**, on 4th Oct 2008 held at C.D Sagar Auditorium, conducted by DSCBS, Bangalore.
5. Attended one day orientation programme on “**Communication skills, Interview Skills and Group Discussion skills**” by **Professor M.R. Nagaraj** on 10th Sept. 2009 held at C.D Sagar Auditorium, conducted by DSCBS, Bangalore.
6. One day FDP Teaching techniques were conducted using multimedia programme **WIZPRO** software by Apple software company on 24th Nov 2009

7. One day Multimedia training program on **MAC book** by apple software company 2010
8. One day workshop on **NAAC Re-accreditation program** held on November 2016 in Dayanananda Sagar College .
9. One day FDP on **Data Analysis in Natural Sciences** on 20th March 2017 held in Kristu Jayanthi college.
- 10 One day FDP on **Data Analysis in Natural Sciences** on 6TH -7TH December 2017 held in Kristu Jayanthi college.
11. .Participated in Faculty Development Program on “Quality Enhancement in Teaching - Learning Processes” on 13th October 2018 at Goodwill Christian college for women.
12. Participated in Orientation Program on “New NAAC Accreditation Process “ conducted by IQAC, M.E.S College of Arts, Commerce and Science on 8th June 2019.
13. Participated in Orientation cum Demonstration program on “Digital Evaluation Systems - Reg “ on 8th August 2019 at Central College, Bangalore University.
14. Participated in Faculty Development Program on LATEX organized by P,G,department of mathematics M.E S College of Arts, Commerce and Science on 21st to 24th September 2019.
15. Faculty Development Programme on Outcome Based Education conducted on May 18th 2020 by InPods Ed Tech.
16. Participated in National level Faculty Development Program on “Scientific Writing and Research Publications” at Jain University on 25th January 2019.
17. .Participated in Orientation Program on “New NAAC Accreditation Process “ conducted by IQAC, M.E.S College of Arts, Commerce and Science on 8th June 2019.
18. Participated in One day workshop on “LATEX -a Document Preparation System “ on 21st September 2019 Organised by PG. Department of Mathematics. M.E.S College Arts, Commerce and Science.
19. Faculty development program on Effective Teaching /Learning through learning management system Moodle organized by M E S COLLEGE OF ARTS COMMERCE AND SCIENCE from 15th to 20th August 2020.
20. Workshop on “ Intellectual Property Rights (patents and copyrights: concept and filling procedures.) organized by St. Joseph’s college and VTPC Bangalore on 26th August 2020

21. One week online National Level FDP on Research Methodology using SPSS and Art of Writing a Research proposal. From June 15th 2020 to June 20th 2020. Organized by St. Clare college Bangalore.
22. International workshop on “Recent Trends in Technological Advancements in Aquaculture and Fisheries held from 5/9/2020 to 10/9/2020 organised by Guru Nanak Centre for Research , Guru Nanak College Velachery Chennai.
23. Seven day Entrepreneurship Skill Development Online course on “Ornamental Fishes - production, trade and technology transfer organized by Kongunadu Arts and science college, Coimbatore. from 3rd to 9th August 2020.
24. .Faculty Enrichment Program on “Learning Teaching and Technology in Digital Era” organised by IQAC, M E S College of Arts Commerce and Science on 17th June 2020
25. Faculty Development Program on Intellectual Property Rights held On 26th to 28th August 2020 organised by TATA consultancy services
26. Two days National workshop on “Virtual Tour to Advanced Instrumentation and Dissections in Modern Zoology , organized by Vinayak Rao Patil Mahavidyalaya , Vaijapur , Aurangabad MH on 28th and 29th August 2020
27. Faculty Enrichment Program on “Frontiers in Smart Learning” organised by DBT Star Scheme Colleges Bengaluru Cluster University from 14th to 16th May 2020
28. National level faculty Development programme on writing a winning proposal for research funding organised by Guru Nanak College Velachery Chennai 24th and 25th March 2021
29. Seven Day workshop on Entrepreneurial Skill levels and Career Opportunities in Biological Sciences 24th to 30th June 2021 conducted by Govt Girl’s College. Ujjain (MP).
30. National level Faculty Development Programme from 15th to 20th July 2021 by RJS First Grade College on Pedagogy in Higher Education A Paradigm Shift During COVID 19.
31. 5 days National Workshop on Hands on sessions in Drafting and Filling Procedure of Intellectual Property Rights from 3rd to 7th May 2021.conducted by Arya College of Engineering and IT.
32. One Week International Faculty Development Programme on Research Tools and methodology from 27th Sept to 1st Oct 2021 conducted by Lendi Institute of Engineering and Technology
33. 2 days workshop on RS AND GIS Application in Biodiversity Conservation and Management on 17th and 18th Sept 2021 by Aligarh Muslim University .
34. **Swayam ARPIT** online course certification for career advancement scheme promotion orientation programme, Annual Refresher course in teaching, Faculty Development

Programme on “**Climate change A guide for teacher of all discipline** “ Course started from 1st September to 9th Feb 2020 (12 Weeks).

35. **Swayam NPTEL** online certification course and faculty development programme on “**Experimental Biotechnology**” from 14th September 2020 to 04 Dec 2020 (12 weeks).
36. **Swayam ARPIT** on **History of Indian science and technology** 16 weeks from 1st December 2020 to 31st March 2021 Annual refresher programme in teaching and Faculty Development Program.
37. **Swayam NPTEL** (National Programme on Technology Enhanced Learning) on **Intellectual Property** Faculty Development Program from 18th January 2021 to 09th April 2021.(12 weeks)
38. **Swayam ARPIT** on **History of Indian science and technology** 16 weeks from 1st December 2020 to 31st March 2021 Annual refresher programme in teaching and Faculty Development Program.
39. **Swayam NPTEL** (National Programme on Technology Enhanced Learning) on **Intellectual Property** Faculty Development Program from 18th January 2021 to 09th April 2021.(12 weeks)

Training programs / faculty development program -2023

1. International short term training program IV on “Method, Modelling Data and Tools of Environmental Conservation” organized by Raj Rishi Government Autonomous College Alwar Rajasthan from 1-7th November 2022
2. Five day national online faculty development programme on current trends in biotechnology , food technology and chemical engineering from April 13th -17th 2022.organised by JCT College of engineering and technology
- 3.
4. International short term training program I on “Recent Advances in Environmental Toxicology and Wildlife organized by Raj Rishi Government Autonomous College Alwar Rajasthan from 22nd to 28th March 2022
5. International short term training program V on “Production and regulation of chemicals and toxins for environmental conservation” organized by Raj Rishi Government Autonomous College, Alwar Rajasthan from 7th to 13th December 2022

6. International short term training program VI on “Greener living: Reduce, Reuse and Recycle” organized by Raj Rishi Government Autonomous College, Alwar Rajasthan from 1st to 7th February 2023
7. International short term training program VII on “ Biodiversity and Environment Conservation” organized by Raj Rishi Government Autonomous College, Alwar Rajasthan from 9th to 15th March 2023
8. International short term training program VIII on “Energy and Environment” organized by Raj Rishi Government Autonomous College. Alwar Rajasthan from 18th to 24th April 2023
9. SWAYAM NPTEL FDP on Bioinformatics – Algorithm and Applications from 23rd January 2023 to 14th April 2023 (12 week course).
10. SWAYAM NPTEL FDP on Environmental Biotechnology 24TH July to 13th October 2023 (12 weeks course)

THE ABOVE SAID ARE TRUE TO MY KNOWLEDGE

Thank you

Dr ASHEERA BANU SANGLI.