

Bio-data

NAME : **Dr. DIVYA.S.RAJAN**

PRESENT ADDRESS : Assistant Professor & HOD in Charge,
Department of Zoology,
Sree Narayana College, Punalur, Kerala, India.
<https://orcid.org/0000-0001-5862-1078>
<https://publons.com/researcher/AAV-7766-2020/>

Web of Science Researcher ID is **AAV-7766-2020**.

MOB : 9446857251

E MAIL : divyashyu2010@gmail.com

EDUCATIONAL QUALIFICATIONS : M Sc, B.Ed, SET, Mphil, Ph.D in Zoology

AREA OF INTEREST : Environmental Biology

SPECIALISATION : Environmental Biology

TEACHING EXPERIENCE

Designation	Institution	Period
FIP Substitute	NSS Hindu College, Perunna,Changanassery	01-6-2013 to31-03-2014
Assistant Professor on contract	Catholicate College ,Pathanamthitta	3-06-2014 to 4-02-2016
Assistant Professor on contract	Christian College, Chengannur	08-02-2016 to 19-12-2018
Assistant Professor	Sree Narayana College, Kannur	20-12-2018 to 09-06-2022
Assistant Professor	Sree Narayana College, Punalur	Since 10-06-2022.

RESEARCH GUIDESHIP

- Research Guide in Zoology, Kerala University, Thiruvananthapuram, Kerala

ADMINISTRATIVE POSITIONS HELD

- Convenor: Career Guidance & Placement Cell(2022)

Member:

- Student counselling Cell (2019)
- Health Club (2020)
- Calendar Committee(2021)
- Library Advisory & Automation Committee(2022)
- Discipline & Ethics Committee(2022)
- Planning & Purchase Committee(2022)
- Health club (2022)
- Tourism Club(2022)
- Remedial Coaching Committee(2022)
- Career Guidance & Placement Cell(2022)

Publications

- Divya.S.Rajan. Estimation of the plankton population, diversity and correlation analysis with sustainable fishery of the Ashtamudi estuary and Thekkumbhagam creek, Kerala India. *Journal of Indian Association for Environmental Management*. Journal homepage: [www.http://op.niscair.res.in/index/php/JIAEM/index](http://op.niscair.res.in/index/php/JIAEM/index). e-ISSN No.: 2582-4228. Vol. 41, No. 1 .2021, 08-40.
- Divya.S.Rajan. A Glimpse on the textural analysis of an estuarine ecosystem. *International Journal of Research and Scientific Innovation (IJRSI)* |ISSN 2321–2705. Vol V, Issue IV, Pg.No:85-96. 2018.
- Divya.S.Rajan. A perspective on the Silicate silicon of a wetland ecosystem. *International Journal of Academic Research and Development*.ISSN: 2455-4197.Vol : 3,Issue:3.Pg no: 111-115. 2018.
- Divya.S.Rajan. Sustentation of the wetland ecosystem by an analysis of its primary production status. *International Journal of Fisheries and Aquatic studies*.ISSN: 2347-5129.Vol : 6, Issue : 3.Pg no: 193-199. 2018.
- Divya.S.Rajan. Monitoring of the sediment quality and its dynamics in the ecosystem. *Discovery Nature: The International Journal* ISSN: 2318-6703.EISSN:2318-6711. Vol : 12.Pg no: 47-62. 2018.
- Divya.S.Rajan. Compilation of the phosphate content of the upper and lower zones of a wetland ecosystem. *World Journal of Pharmaceutical and Life Sciences (WJPLS)*ISSN:2454-2229.Vol : 4,Issue : 6.Pg no :202-207. 2018.
- Divya.S.Rajan. Surveillance on the short- and long-term variations of pH in the Lower and Upper Zones of a Tropical Estuary. *World Journal of Pharmaceutical and Life Sciences (WJPLS)*ISSN:2454-2229. Vol : 4,Issue : 6. Pg no : 137-142. 2018.

- Divya.S.Rajan. Biological Monitoring of some Hydrographical Features of Ashtamudi Estuary. *International Journal of Research and Scientific Innovation (IJRSI)*.|ISSN 2321–2705. Vol V, Issue IV| Pg No. 271-284., 2018.
- Divya.S.Rajan. An exploratory study and elucidation of the nitrogen content of an Estuary.*Spring.The International Journal for Climate change,Global warming and Sustainability*.ISSN2347–3800,EISSN2347–3851. Vol:7.Pg.No:1-14. 2018.
- Divya.S.Rajan; Anila,L. Water quality dynamics and sustainability evaluation of Pamba river, Kerala. *International Journal of Research and Scientific Innovation*ISSN:2321-2705. Pg.No:53-61. Vol:5(2).Pg.No:53-61.2018.
- Divya.S.Rajan. The Scenario of Free Carbon Dioxide Availability inthe Upper and Lower Strata of Ashtamudi Estuary. *International Journal of Research and Scientific Innovation (IJRSI)* |ISSN 2321–2705. Vol V, Issue IV,.,Pg.No:263-270. 2018.
- Deepa Ramachandran ,Divya.S.Rajan. Evaluation of physico-chemical parameters of four different ponds in Vettiayar region of Thazhakkara panchayat . *Spiritus scientiae*.Vol:2(1). Pg.No.47-68.2018.
- Divya.S.Rajan .Density and Diversity of Zooplankton in Ashtamudi estuary of Kerala, India. *Journal of Indian Association for Environmental Management*. Journal homepage: [www.http://op.niscair.res.in/index/php/JIAEM/index](http://op.niscair.res.in/index/php/JIAEM/index). e-ISSN No.: 2582-4228. Vol. 40, No. 4 , 34-53.2020.
- Divya.S.Rajan .Distribution patterns of Organic carbon in the sediments of Ashtamudi estuary. *The Ecoscan. An International Journal of Environmental Sciences*.ISSN No: 0974-0376, Vol: 1.Pg. No: 71-74.2011.
- Divya.S.Rajan .Mode of action of Lantana camara extracts on enzymes aspartate amino transferase and alanine amino transferase activity in target and non-target organisms. *BIOSCAN. An International Journal of Life Sciences*.ISSN No: 0973-7049. Vol: 8(2).Pg. No: 681-683.2013.
- Divya.S.Rajan. In vivo action of Methanolic extract of *Lantana camara* on the total protein and free aminoacids content in *Culex* mosquito larvae. *International Journal of Drug discovery* .ISSN No: 2278-540X.EISSN:2278-5396, Vol: 6(16).Pg.No:10-12.2013.
- Divya.S.Rajan.Sreedhanya.V.P. Comparative study of the drinking water quality analysis of well water samples in rural, coastal and town areas. *Discovery,The International Journal*.ISSN No: 2278-5469.EISSN:2278-5450. Vol: 21(69).Pg. No: 145-151.2014.
- Divya.S.Rajan,Nisha.S.Variations of physico-chemical parameters of five different ponds in ChanganacherryTaluk of Kottayam district. *Spring.The International Journal for Climate change,Global warming and Sustainability*. ISSN No: 2347-3800.EISSN:2347-3851, Vol: 4(5).Pg. No: 6-9.2014.
- Divya.S.Rajan. A study on the influence of certain eco–physiological factors on predation efficiency of *Aplocheilus panchax*. *International Journal of Fisheries and Aquatic studies*.ISSN: 2347-5129, Vol: 1(6).Pg. No: 168-170.2014.

- Divya.S.Rajan,Nikhila Leemon. A study on the physico-chemical parameters of Thodupuzha river, Idukki district. *Discovery,The International Journal*.ISSN No: 2278-5469.EISSN:2278-5450, Vol: 33(146).Pg.No: 5-11.2015.
- Divya.S.Rajan,Upasana.U. Water quality analysis of four different ponds of Adimaly panchayat of Idukki district. *Spring .The International Annual Journal for Nature Conservation*. ISSN No: 2347-3800.EISSN:2347-3851, Vol: 5.Pg.No: 34-40.2015.
- Divya.S.Rajan. An evaluation of the effect of a detergent on dissolved oxygen consumption rate of *Anabas testudineus*. *International Journal of Fisheries and Aquatic studies*.ISSN: 2347-5129, Vol:2(6).Pg.No:46-48.2015.
- Divya.S.Rajan.Lekshmi,V. An assessment of the Primary Productivity of two ponds in Adoor, Pathanamthitta District. *Species:The International Journal*.ISSN No: 2319-5746 EISSN:2319-5754, Vol:15(49).Pg.No:35-39.2015.
- Divya.S.Rajan,Jithu,J. Evaluation of physico - chemical parameters of ponds in Kodumon panchayat. *Discovery Science: The International Journal* .I SSN: 2278-5485.EISSN:2278-5477. Vol:11(25).Pg.No:33-36.2015.
- Divya.S.Rajan. A Study on the Dissolved Oxygen content of Thekkumbhagam Creek of Ashtamudi Estuary *.International Journal of Current Research in Biosciences and Plant Biology in Biosciences and Plant biology*. ISSN:2349-8080, Vol:2(7).Pg.No:178-184.2015.
- Divya.S.Rajan. Salinity fluctuations of upstream and downstream waters of Ashtamudi estuary. *International Journal of Fisheries and Aquatic studies*.ISSN: 2347-5129, Vol:2(6).Pg.No:326-330.2015.
- Divya.S.Rajan. Effect of temperature variations on the water quality of Ashtamudi estuary.*Discovery Nature:The International Journal* ISSN: 2319-5703.EISSN:2319-5711. Vol:9(24).Pg.No:58-66.2015.
- Divya.S.Rajan. An Assessment of the Biological Oxygen Demand of Thekkumbhagam creek of Ashtamudi estuary. *International Journal of Fisheries and Aquatic studies*.ISSN: 2347-5129, Vol:2(6).Pg.No:395-397.2015.
- Divya.S.Rajan,Sharon Merin Samuel. Seasonal patterns and behaviour of water quality parameters of Achenkovil River. *International Journal of Fisheries and Aquatic studies*.ISSN: 2347-5129, Vol:4(6).Pg.No:489-494.2016.
- Divya.S.Rajan, Saranya.P. Observations on the seasonal variations of Physicochemical parameters of Ayiramthengu, the mangrove ecosystem. *International Journal of Fisheries and Aquatic studies*.ISSN: 2347-5129, Vol:5(1).Pg.No:186-191.2017.
- Divya.S.Rajan,Tania Ann Varghese. An evaluation on the larvicidal efficacies of aqueous leaf extracts of *Lantana camara* and *Catharanthus roseus* against mosquito larvae. *International Journal of Mosquito Research* .ISSN: 2348-5906, Vol:4(3).Pg.No:93-97.2017.

- Divya.S.Rajan. Study to assess the nutrient dynamics of the well water of Sakthikulangara locality of Kollam District, Kerala, India. *International Journal of Zoology Studies* ISSN: 2455-7269, Vol:2(3).Pg.No:22-24.2017.
- Divya.S.Rajan. An appraisal of the dissolved oxygen status of upstream and downstream waters of Ashtamudi estuary. *International Journal of Zoology Studies*.ISSN: 2455-7269. Vol 3; Issue 3;Pg No. 04-09.2018.
- Divya.S.Rajan. Environmental impact on the hydrographical features of Thekkumbhagam creek of Ashtamudi estuary. *Uttar Pradesh Journal of Zoology* .ISSN No: 0256-971X. Vol: 32(1).Pg. No: 105-109.2012.
- Divya.S.Rajan. Larvicidal efficacy of the leaves of *Lantana camara* against mosquito species *Aedes aegypti*.*Uttar Pradesh Journal of Zoology*.ISSN No: 0256-971X. Vol: 32(3).Pg. No: 277-280.2012.
- Divya.S.Rajan. Observation on satiation time, maximum food intake of larvivorous fish, *Aplocheilus panchax*. *Journal of Ecology Environment and Biology* .ISSN No: 0028-0631. Vol: 1(1).Pg. No: 8-10.2013.
- Divya.S.Rajan. A Study on the Total Plate Count of microbial load of the Thekkumbhagam creek of Ashtamudi estuary. *Catholicate Journal of studies and research* .Multidisciplinary biannual journal.ISSN:2249-149X. Vol:4.Pg. No:81.2015.
- Divya.S.Rajan. Evaluation of physico-chemical parameters of four different ponds in Vettiayar region of Thazhakkara Panchayat. *Spiritus Scientiae*. Vol:2-1(2).Pg.No:47-68.2018.
- Divya.S.Rajan. Population dynamics of the phytoplankton assemblage of Ashtamudi Wetland, India. *International Journal for Environmental Rehabilitation and Conservation* ISSN: 0975 — 6272 XI (SP2): 472 — 490.2020.
- Divya.S.Rajan; Keerthitha.T. Seasonal Variations of certain Physico-chemical Parameters in the Valapattanam River of Kannur district, Kerala. *Journal of Indian Association for Environmental Management*. <http://op.niscair.res.in/index/php/JIAEM/index>.Vol. 41, No. 2 , 29-35.2021.
- Divya.S.Rajan;Vismaya C.M. Environmental Perspectives of the Hydrographical Features of Three Different Ponds in Kokkallur Region of Balussery Panchayat, Kozhikode District. *Journal of Indian Association for Environmental Management*. <http://op.niscair.res.in/index/php/JIAEM/index>. Vol. 41, No. 3 , 48-57.2021.
- Divya.S.Rajan. An analytical study on the prevalence of the coliform bacteria in the Thekkumbhagam creek of Ashtamudi lake, Kerala, India. *Uttar Pradesh Journal of Zoology*, UPJOZ, ISSN: 0256-971X (P) . 42(20): 58-70, 2021.
- Divya.S.Rajan. A systematic appraisal on the comparative account on the salinity levels in the three riverine ecosystems of Kannur district, Kerala, India. *Asian Journal of Advances in Research* 11(4): 50-60, 2021.

- Anagha Surendran;Divya.S.Rajan. Comparative assessment on the ecological health of four different ponds in Manathana region of Kannur district, India. *Asian Journal of Advances in Research* 11(4): 116-125, 2021.
- Nayana Haridas; Divya.S.Rajan. Comparative study on the alterations of hydrographical features of Anjarakandy river, Kannur district, India. *Asian Journal of Advances in Research* 11(4): 126-135, 2021.
- Divya.S.Rajan. A hydrological study on the impact of seasonal variations of environmental parameters on the plankton population of Ashtamudi estuary, Kerala. *Uttar Pradesh Journal of Zoology* .42(23): 133-155, ISSN: 0256-971X (P). 2021

Presentations

- 3rd International Conference on Climate change, Forest resources and Environment Distribution patterns of Organic carbon in the sediments of Ashtamudi estuary. December 9-11,2011. National Environmentalists Association, India.
- Green Technology for Safe future. Seasonal variations of some hydrographical parameters in the retting zone of Ashtamudi estuary. The Swadeshi Science Movement. Department of Science and technology, Govt: Of India. ISBN B1-901740-2-10,November 7-9,2011.Pg.No:239-241.

Seminars/workshops/Webinar Series Organised

(2020-2021)

- Organising Committee member of Scientia 2020,Lecture Series & Exhibition supported by KSCSTE
- Organising Committee member of Exordium Webinar Series Lecture I.
- Co-ordinator of Exordium Webinar Series Lecture VII.
- Co-ordinator of Exordium Webinar Series Lecture III.
- Organising Committee member of Exordium Webinar Series Lecture VI.
- Organising Committee member of Exordium Webinar Series Lecture IV.
- Convenor of Exordium Webinar Series Lecture V.
- Organising Committee member of FOCUS 2021-Multidiciplinary Webinar Series
- Convenor of Exordium Webinar Series Lecture II
- Organising Committee member of International Webinar series Lecture I
- Organising Committee member of International Webinar series Lecture II
- Organising Committee member of Webinar jointly organized by Student Counselling Cell and IQAC

(2021-2022)

- Convenor of International Webinar Series Lecture III
- Organising Committee member of Webinar jointly organized by Student Counselling Cell and IQAC

(2022-2023)

- Programme coordinator of Workshop on Career Opportunities in Media & Entertainment (2022-2023)
- Coordinator of an online placement drive conducted by TIMES PRO, A Times of India Venture.

Induction\Orientation Programme

- Completed a 4-Week Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from September 01- September 30, 2020 and obtained a “**Grade A+**” from Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of MINISTRY OF HUMAN RESOURCE DEVELOPMENT PMMMNMTT scheme.

UGC SPONSORED REFRESHER COURSE

- Completed the Interdisciplinary Online Refresher Course in Teacher Educators: Learning Outcomes and Educational Reform - Pedagogy, Assessment and Quality Assurance from 17-11-2020 to 30-11-2020 and obtained **Grade A+ (A Plus)**. (**UGC-HRDC**) Kannur University.

FDP/CONFERENCES/SEMINARS/WORKSHOPS ATTENDED

FDP

- “Two Days Online Faculty Development Programme on Google Apps” by Christ College Malur on 29.05.2020 and 30.05.2020.
- “Erudition 2020”.A short term FDP Programme by the Payyannur College and **Kerala Higher Education Council** from 23.05.2020 to 28.05.2020.
- Five-day online Faculty Development Program (FDP) on “EXCELLENCE IN COLLEGE EDUCATION AFTER COVID-19 PANDEMIC” by Government E. Raghavendra Rao Post Graduate Science College, Bilaspur, Chhattisgarh from 30.06.2020 to 04.07.2020.
- One week Faculty Development Program on “Essentials of Blended Learning” by Dr.M.G.R Educational and Research Institute,Chennai,Tamil Nadu from 13.07.2020 to 20.07.2020.
- One Week online Short-term Faculty Development Programme on “Implementation of Information and Communication Technology in Teaching” which was delivered as MOOC with four quadrants, organised by School of Legal Studies , Cochin University of Science and Technology in collaboration with The **Kerala State Higher Education Council** from July 18-24 ,2020.
- 3-Day Online Faculty Development Program on “Effective Teaching Pedagogy” by Inderprastha Engineering College, Ghaziabad,Uttar Pradesh from 20.07.2020 to 22.07.2020.
- Faculty Development Program on Online Teaching Tools organized by Internal Quality Assurance Cell (IQAC) of Rajah Serfoji Government College,Thanjavur on 18.08.2020.

- One Week online Short-term Faculty Development Programme (Interdisciplinary) on “Towards a Digital Era of Teaching and Learning” which was delivered as MOOC with four quadrants, organised by **UGC-HRDC**, University of Kerala, Thiruvananthapuram in collaboration with KSMD College, Sasthamcotta from August 12-18, 2020.
- Faculty development program “Latex Document Preparation System” organized by Marthoma College, Tiruvalla in association with Spoken Tutorial, IIT Bombay under PMMMNMTT scheme during 17-21st August 2020 (funded by the National Mission on Education through ICT, **MHRD**, Govt. of India).
- National level Five Days Online Training in “Biological Sciences” conducted by the Post Graduate and Research Department of Botany of Sree Narayana College, Nattika, from 03/08/2020 to 07/08/2020 in academic collaboration with the **Kerala State Higher Education Council**.
- One-week International Faculty Development Program, **ICAR-CIFA** Bhuvaneshwar, supported on “Research Breakthroughs and technological developments in life sciences” organized by Sree Ayyappa College for women, Chunkankadai in collaboration with Department of Microbiology, Maharshi Dayananda University, Rohtak and Department of Botany, PSGR Krishnammal College for Women, Coimbatore from 10-08-2020 to 16-08-2020.
- Two-week Faculty Development Programme on "RESEARCH METHODOLOGY" from October 01- October 15, 2020 and obtained a “**Grade A+**” Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of **MINISTRY OF HUMAN RESOURCE DEVELOPMENT** Course PMMMNMTT scheme.
- Completed the course “Let's Break the Chain of COVID-19 Infection” by Mohammed Bin Rashid University of Medicine and Health Sciences, UAE on 07.04.2020.
- Completed a ten-day course titled “A Short-Term Course in E-Teaching with Learning Management Systems” conducted by The All-Kerala Private College Teachers' Association in June 2020.
- UGC sponsored online Short-Term Course. University Grants Commission Human Resource Development Centre (**UGC-HRDC**) folio no. 2020/0043 Kannur University from 22.07.2020 to 24.07.2020.
- Faculty Development Program (e-FDP) on Pedagogy and Teaching-Learning in the current scenario of COVID-19 Pandemic February 26 & 27, 2021.

International Conferences

- International Web Conference on “Emergence of Alternative Therapeutic to Contagious diseases” by Sri Vasavi College, Erode, Tamil Nadu on 11.06.2020 and 12.06.2020.
- International Web Conference on “The Science of Yogic Breathing” by Presidency College, Chennai, Tamil Nadu on 24.07.2020.
- Two Day International Conference on “Frontiers in Health Sciences” organized by the Department of Zoology and Zoological Society of Cotton University (ZSCC), Guwahati and Indian Academy of Biomedical Sciences, Lucknow on 7th & 8th August 2020.

International Webinars

- “International Webinar - DOCTRINA-02” by Sir Syed College, Taliparamba on 18.05.2020 and 19.05.2020.
- International Webinar Series on Post-Covid World “VESTIGO-20” by Mary Matha Arts and Science College, Mananthavady, Kerala from 27.05.2020 to 01.06.2020.
- International Webinar on “Patient Centric Healthcare Administration” by V.O Chidambaram College, Thoothukkudi, Tamil Nadu on 06.06.2020.
- International Webinar on “Fire ecology in Neotropical Forests and Savannas” by Sree Vidhyadhiraja NSS College, Vazhoor in collaboration with Kerala State Biodiversity Board on 09.07.2020.
- International webinar, “ENCOV 2020”, based on the theme ‘Nature, Environment and Covid 19 in the present scenario’ by Christian College, Chengannur on 10.07.2020.
- International webinar on “Sars-Cov-2 Corona Virus : Emergence and Antiviral strategies” by V.O Chidambaram College, Thoothukkudi, Tamil Nadu on 02.07.2020.
- International webinar on “Targeting Tumor Glycolysis : A Twofer Strategy” by Arignar Anna Government Arts College, Tamil Nadu on 18.07.2020.
- International webinar on “Metagenomic Library Construction and Screening” by St. Stephen’s College Pathanapuram on 23.07.2020.
- 90 – minute executive webinar on “Waste management during Covid –19 pandemic for Asia Pacific” by United Nations Environment Programme on 16.07.2020.
- International Webinar on “Alternative therapy for oral diseases: Exploring newer Possibilities” by Sree Narayana College for women, Kollam on 24.07.2020.
- International webinar series on “ Biological Sciences” by Jamal Mohammed College, Tamil Nadu from 06.07.2020 to 08.07.2020.
- International Webinar on “The Role of Green Chemistry In Controlling Environmental And Ocean Pollution” by Gangasheel Mahavidyalaya, Uttar Pradesh on 17.07.2020.
- International Webinar on Covid 19 and Cardiovascular Diseases: Immunology and Future jointly organized by Department of Biotechnology and IQAC, St. Peter’s College, Kolenchery on 06-08-2020.
- International Webinar on "COVID-19 and Mental Health: Challenges and Implications" organised by Post Graduate Department of Physics & Research Centre, in association with the Internal Quality Assurance Cell, St. Xavier's College for Women, Aluva on 07/08/2020.
- International webinar on “ Microbial Ecology of the human skin : from immunity to infection” by Chikkaih Naicker College, Tamil Nadu on 03.08.2020.
- “INTERNATIONAL WEBINAR ON AQUATIC BIODIVERSITY CONSERVATION” on 11.08.2020, jointly organized by Department of Zoology and Internal Quality Assurance Cell (IQAC), The Madurai Diraviyam Thayumanavar Hindu College, Pettai, Tirunelveli.
- International Webinar organized by B.M.S College for Women on 25-08-2020.
- International Webinar on “Joy and Tears of Research” organized by Sree Narayana College, Kannur on 29-08-2020.
- International webinar on “Biological Invasions” organized by Sree Narayana College, Kannur on 7th September 2020.
- International webinar on “Impact of Covid 19 on Academic library services” organized by Department of Library and Information Science of Nehru Gram Bharati on 12-08-2020.

- International Webinar on ‘ Reproductive Biology of Broom tail wrasses (Cheilinus lunulatus) as coral reefs fish’; organised by Post Graduate & Research Department of Zoology & IQAC, Sree Narayana College, Kannur, Kerala, on 3 rd October 2020.
- International webinar on “Recent trends in Biodiversity conservation” organized by the Department of Zoology, Mary Matha College of Arts and Science, Mananthavady from October 26-28.
- Two-day International web Conference on “BIOINVENTIYON-20-Advances in Biosciences organized by MG University & Research Directorate& IQAC,SIAS on 5th& 6Th November 2020.
- International webinar on Sustainable Ornamental Fisheries SOFI-2020 conducted by CUSAT on 15-17 October 2020.
- International Webinar “Role of Science and Technology in Global health and Food security” Organised by Zoology & Biotechnology Deptt. & Science Committee In Collaboration with: ESW Society, Khajuraho, India & ASEA, Rishikesh, India (1 st, 2nd & 3rd March 2021).
- International Webinar on ‘Women in leadership: Achieving an equal future in COVID-19 World’ organized by NSS Unit No. 97 of Sree Ayyappa College for Women,Chunkankadai on 10 March 2021.
- International Webinar on YOUR WORLD ONLINE - HOW TO BE SUCCESSFUL IN ONLINE LEARNING AND REMOTE WORK ENVIRONMENT presented by Mr. Amal T Anup, Human Resource Assistant, Capilano University, North Vancouver British Columbia on 24th June 2021, Organized by Zoological Society of Kerala. SNZ7QA-CE000051
- International Virtual Seminar on Recent Trends in Biological Sciences organized by the Postgraduate and Research Department of Microbiology, Sree Sankara College, Kalady from 15th June 2021 to 19th June 2021.
- One day International Webinar on “Steps Towards Environmental Sustainability” organised by BOTANY DEPARTMENT, Saint Francis De Sales College, Nagpur on 25th September, 2021.

National webinar

- National Webinar on “Intellectual Property Rights – IPR Webinar” by Dapoli Urban Bank Senior Science College,Maharashtra on 23.05.2020.
- National Webinar on “Resurgence of the Society in the post COVID -19 Scenario” by Ayyappa College for Woman,Tamil Nadu from 08-06-2020 to 11-06-2020.
- National webinar on “Integrated medicine for next generation: Siddha’s perspective” by Nanda Siddha Medical College on 19.06.2020.
- National Webinar on “Role of technology to fight against COVID-19” by Kalyan Post Graduate College,Bhilai,Chhattisgarh on 23.06.2020.
- National webinar on “FISH PARASITES ARE ON THE RISE” by Government Arts College,Melur,Tamil Nadu on 04.07.2020.
- National webinar on “Environmental Management : A Broad Overview” by Bhagwan Parshuram Institute of Technology, New Delhi on 14.07.2020.
- National webinar on “Covid-19: Mental Health-Consequences and Implications” by Kalyan Post Graduate College,Chhattisgarh on 17.07.2020.
- Two Days National Webinar on “Biodiversity Conservation and its Management” by Government Post Graduate Girls College ,Ujjain(MP) in collaboration with Zoological Society of India and Society of Life Sciences on 15.07.2020 and 16.07.2020.

- National Webinar on "Common Gynaec Problems from Birth to Postmenopause" by Sree Narayana College, Varkala on 27.07.2020.
- National Webinar on "Nature Conservation in the time of Covid-19" organized by the Department of Zoology and Nature Club in association with IQAC of Sree Narayana College, Sivagiri, Varkala on 2nd AUGUST 2020.
- National Webinar on 'Quantitative Analysis of Research Productivity- Role of Journal Indexing and Scientometrics' organized by the Central Library in association with IQAC of Sree Narayana College, Sivagiri, Varkala on 08th August 2020.
- National webinar on the eve of international day of the world's indigenous people on "Indigenous knowledge and culture of tribes in Tamil Nadu" by Periyar E.V.R College, Tamil Nadu and Tribal Research Institute, Government of Tamil Nadu on 09.08.2020.
- National webinar on "Legal Framework for Coastal and Marine Biodiversity Conservation – An Indian Perspective" organized by Centre for Climate Change Studies, Sathyabama Institute of Science and Technology, Chennai from 27th to 29th July 2020.
- National Webinar on "Pandemic Climate Change and Literature" organized by Sagar Mahavidyalaya on 02-09-2020.
- National level Webinar on "Bioprospecting of Medicinal Plants: Challenges and Opportunities" organised by V.O Chidambaram College, Thoothukkudi, Tamil Nadu on 03.06.2020
- National Level Webinar on "Biodiesel from Marine Algae" by V.O.Chidambaram College on 05.06.2020.
- One Day National Webinar entitled "Towards Excellence in Higher Education in India in 21st Century" jointly 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 (PMMMNMTT) of MHRD and Union Christian College, Aluva on 28th August 2020.
- One day national webinar on "Environment, Life Style and Weight Management: Preventive Measure to Cardiovascular Disease", which was held on 28th August 2020.
- National Webinar Series entitled "COVID 19 – What you need to Know" organized by the Department of Microbiology, Sree Narayana College, Kannur, Kerala in association with IQAC on 5th, 12th and 19th September 2020.
- National Webinar on "BACKYARD AQUACULTURE PRACTICES" organized by the Department of Zoology in association with IQAC of Sree Narayana College, Sivagiri, Varkala on 9th OCTOBER 2020.
- National Webinar on 'Get the facts to fight back Breast Cancer' organized by Department of Zoology, Sree Ayyappa College for Women, Chunkankadai on 3 November 2020.
- National Webinar on "Cancer Awareness" organized by Science Committee, Zoology & Biotechnology Department on 14th February 2021.
- National Webinar on "IPR in Biological Sciences - Basic principles and Opportunities" organized by the PG & Research Dept. of Zoology and IQAC Sree Narayana College Kollam and The Indian Science Congress Association, Cochin Chapter on 22nd March 2021.

- National Webinar on “Climate Change and COVID-19 Pandemic “ in Collaboration with Jammu and Kashmir Pollution Control Board ,Srinagar/Jammu on May 26th, 2021.
- Webinar on “Biodiversity and Health” organised by IBC,CISSA on May22nd 2021 .
- Webinar on ‘Butterflies of Kerala: A Review’ organised by Sree Narayana College, Kollam as part of AGORA-2021 on 31-05-2021 at Zoom platform.
- Webinar on ‘Environment & Human’ jointly organised by Social Forestry Extension Unit, Kerala Forests & Wildlife Department and Sree Narayana College, Kollam on 02.06.2021 as part of World Environment Day 2021 at google meet platform.
- Webinar on ‘Ocean Technologies in India’ jointly organised by Sree Narayana College, Kollam and Ocean Society of India- Cochin Chapter as part of AGORA-2021 on 08-06-2021 at Zoom platform.
- Webinar on “STRESS, HEALTH AND RESILIENCE” organised by PG & Research Department of Zoology in association with Counselling Cell & IQAC, Sree Narayana College, Kollam on 13.06.2021.
- National webinar on “Role of wetlands in Biodiversity conservation” organised by Patel Memorial National College, Punjab on 21-05-2021.
- Webinar ‘Infodemic in Times of Pandemic’ organised by Central Library, Sree Narayana College, Kollam in association with Media Club and Literary Club on 20-06-2021 at Zoom platform.
- Special Guest Lecture by Prof. (Dr.) S.P. Rathor, Professor and Head, Department of Environment and Legal Order, School of Law, Gujarat University, on 'Restoration of Ecosystem for a Sustainable Future: Issues & Challenges' on ‘WORLD ENVIRONMENT DAY’ Organized by Centre for Environmental Law, Policy, Education & Development, ICFAI Law School, The ICFAI University, Dehradun on 05th June, 2021.
- National Webinar on Nutritional Metabolomics & Yoga Therapy conducted by the Department of Biochemistry in association with UBA cell and IQAC of St. Thomas College Palai on The International Yoga Day 21st of June 2021.
- National Webinar on the topic entitled “BIOLOGICAL INVASIONS” organized by Department of Zoology, Carmel College, Mala, on 07.07.2021.
- National Webinar on “Taxonomy in Life Sciences” by Dr.Sheela.S, Scientist, Zoological Survey of India on 09-07-2021 organised by St.Jude College, Kanyakumari District.
- National Webinar entitled “ A HEALTHY ENVIRONMENT ” Organised by Post Graduate Department of Zoology, Kuriakose Gregorios College, Pampady, Kottayam, Kerala, India on 28th JULY 2021.
- National Webinar entitled “Biodiversity: Beauty and Science” delivered by Mr. P. M. Prabhu organized by Postgraduate, Research Department of Botany and IQAC of Fatima Mata National College on 31-07-2021.
- National Webinar “International Tiger Day 2021: Their survival is in our hands” Organised by Zoology and Biotechnology Department Under MPHEQIP World Bank Scheme (29th July 2021).
- One day National Webinar on “Prevention of Cybercrime with Emotional Intelligence” organised by Saint Francis De Sales College, Nagpur on 24th September, 2021.

State level webinar

- State Level Webinar titled “SAAC : Context and Content” by Sree Narayana College, Nattika in collaboration with Kerala State Higher Education Council on 25.07.2020.
- State Level Webinar on Herpetofaunal Diversity of Kerala organized by the Post Graduate Department of Zoology in association with Internal Quality Assurance Cell (IQAC) Christian College, Chengannur on 30th July 2020.
- A webinar on “Biodiversity and conservation” by Sree Vidyadhi Raja NSS College, Vazhoor in collaboration with Kerala State Biodiversity Board on 15.07.2020.
- Webinar Series 2020-2021 on “Exotic and invasive fishes in the freshwaters of Kerala” organized by, PG Department of Zoology & IQAC, Milad-E-Sherief Memorial College, Kayamkulam under the Science Popularization Programme (KSCSTE) on 31st October 2020.
- Webinar session on Stem Cells on November 08th, 2020 organised by The Biomics.
- Webinar on “Promotion under CAS-UGC guidelines” by IQAC of St Joseph’s College, Thrissur on 7-11-2020.
- Webinar on Research Ethics and Integrity organized by Internal Quality Assurance Cell in association with Research Promotion Council and Department of Physics of St. Xavier’s College for Women, Aluva on 10-11-2020.
- FDP webinar on 'Transactional Analysis and Mindfulness in Reflective Teaching' organized by the IQAC, St Thomas College, Kozhencherry, in association with KSHEC, on 10 November, 2020.
- Webinar on “Artificial Intelligence and Future of Careers” organised by Sree Narayana College, Kollam as part of AGORA-2021 on 11-04-2021 at Zoom platform.
- Webinar on "Genome Editing Technologies and Commercialisation" ”organised by Sree Narayana College, Kollam as part of AGORA-2021 on 24-04-2021 at Zoom platform.
- Webinar on "Backyard Aquaculture" ”organised by Sree Narayana College, Kollam as part of AGORA-2021 on 23-04-2021 at Zoom platform.
- Webinar on "Covid Second Wave - How it Happened? What to Do?"” organised by Sree Narayana College, Kollam as part of AGORA-2021 on 25-04-2021 at Zoom platform.
- Webinar on ‘Scientific Thinking for Better Democracy’ organised by Sree Narayana College, Kollam as part of AGORA-2021 on 01-05-2021 at Zoom platform.
- Webinar on ‘Gender: Let's get sensitized’ organised by Sree Narayana College, Kollam as part of AGORA-2021 on 29-04-2021 at Zoom platform.
- Webinar on ‘Dance Gods’ of Northern Kerala: Meaning & Its Significance’ organised by Sree Narayana College, Kollam as part of AGORA-2021 on 28-04-2021 at Zoom platform.
- Webinar Criminal Jurisdiction organised by Sree Narayana College, Kollam as part of AGORA-2021 on 03-05-2021 at Zoom platform.
- Webinar on ‘Biodiversity of Marine Ornamental Fishes in India’ organised by Sree Narayana College, Kollam as part of AGORA-2021 on 06-05-2021 at Zoom platform.
- Webinar on ‘What lies beneath? Subterranean biodiversity of the Western Ghats’ organised by Sree Narayana College, Kollam as part of AGORA-2021 on 06-05-2021 at Zoom platform.
- Webinar on ‘Ants of Kerala’ organised by Sree Narayana College, Kollam as part of AGORA-2021 on 08-05-2021 at Zoom platform.

- Webinar on ‘Human Evolution and Migration: The Stories Told by DNA!’ organised by Sree Narayana College, Kollam as part of AGORA-2021 on 09-05-2021 at Zoom platform.
- Webinar on ‘Indian Arctic Expedition- My experiences as a Team Member’ organised by Sree Narayana College, Kollam as part of AGORA-2021 on 11-05-2021 at Zoom platform.
- Webinar on ‘Covid 19 – Second Wave: How to Treat at Home? When Should You Go to a Hospital?’ organised by Sree Narayana College, Kollam as part of AGORA-2021 on 13-05-2021 at Zoom platform.
- Webinar on ‘Live Feeds’ organised by Sree Narayana College, Kollam as part of AGORA-2021 on 15-05-2021 at Zoom platform.
- Webinar on ‘Biodiversity & Conservation of Coral Reefs’ organised by Sree Narayana College, Kollam as part of AGORA-2021 on 18-05-2021 at Zoom platform.
- Webinar on ‘Marine Debris & Microplastic Pollution’ organised by Sree Narayana College, Kollam as part of AGORA-2021 on 19-05-2021 at Zoom platform.
- Webinar on ‘Marine Aquarium - Setup and Diversity’ organised by Sree Narayana College, Kollam as part of AGORA-2021 on 22-05-2021 at Zoom platform.
- Webinar on ‘Teenage Problems & Solutions’ organised by Sree Narayana College, Kollam as part of AGORA-2021 on 26-05-2021 at Zoom platform.
- Webinar on How Drugs are developed - Biopharmaceutical Application of Scientific Research in the CHINARTS WEBINAR SERIES on 24th August 2021 organized by the PG Department of Biotechnology in association with the Internal Quality Assurance Cell (IQAC)

Workshops

- “Online Research Methodology Workshop” by the Rest Society for Research International, India from 18.04.2020 to 20.04.2020.
- "Science Leadership Workshop” (India’s first Science Leadership Program) by University of Punjab, India from 22.06.2020 to 28.06.2020.
- International workshop ON “RECENT TRENDS IN TECHNOLOGICAL ADVANCEMENTS IN AQUACULTURE AND FISHERIES” held from 03/09/2020 to 10/09/2020 organized by the GURU NANAK CENTRE FOR RESEARCH (GNCR), GURU NANAK COLLEGE.
- Workshop *FUEL CELL TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT* on 2nd October, 2020.
- STATE LEVEL WORKSHOP ON INTRODUCTION TO STUDENT PROJECTS IN ZOOLOGY presented by Dr. TV SAJEEV, Senior Principal Scientist, Kerala Forest Research Institute on 12th, 14th and 15th June 2021, Organized by Zoological Society of Kerala. LTEX1S-CE000033.
- National Training Workshop on “Research Article Writing and Plagiarism” organized by Zoology and Biotechnology Department and IQAC, on 18th September 2021.

Webinars

- Four days webinar on “An effective research paper writing skills” by the Bhagwan Mahavir University, Surat from 13.04.2020 to 16.04.2020.

- The webinar on “The Art of co- existence: Man in the realm of Nature” by St Thomas College,Kozhencherry,Kerala on 05.06.2020.
- The webinar on “Emerging issues and challenges in Biodiversity conservation” by Guru Nanak College,Chennai on 30.05.2020.
- A webinar on “Regenerative Medicine - An Emerging Area for Research” in the CHINARTS WEBINAR SERIES by Chinmaya Arts and Science College,Kannur,Kerala on 18.05.2020
- A webinar on “Role of Science and Technology in Medicine - Cancer Care and Neuroscience” in the CHINARTS WEBINAR SERIES by Chinmaya Arts and Science College,Kannur,Kerala on 15.05.2020.
- E-content development webinar organised by Research Centre for English Language and Literature at www.vishwanathbite.com on 10.04.2020.
- A webinar on “DNA Fingerprinting and its Applications in Genetic Testing” by V.O Chidambaram College,Thoothukkudi,Tamil Nadu on 08.06.2020.
- A Special Lecture on “Education 4.0” by V.O Chidambaram College,Thoothukkudi,Tamil Nadu on 08.05.2020.
- A webinar on “Generation of Genomic Resources and usage of Bioinformatics Tool” by V.O Chidambaram College,Thoothukkudi,Tamil Nadu on 09.06.2020.
- A webinar on “Image Analytics and Processing” by V.O Chidambaram College, Thoothukkudi, Tamil Nadu on 25.05.2020.
- A webinar on “An Insight into NAAC – RAF” by V.O Chidambaram College, Thoothukkudi, Tamil Nadu on 22.05.2020.
- A webinar on “Natural history of wetland fishes of Kerala” by Wildlife Trust of India on 10.06.2020.
- Webinar on "Dream Big" by V.O.Chidambaram College,Thoothukkudi,Tamil Nadu on 06.06.2020.
- A webinar on “Lifestyle Changes & their Impact on Insulin Resistance” by V.O Chidambaram College,Thoothukkudi,Tamil Nadu on 21.06.2020.
- A webinar on ““UNDERSTANDING BIODIVERSITY”” by Marudupandiyar College,Tamil Nadu on 06.07.2020.
- A webinar on “Algae, Viruses, Designer Microbes and Health Care “ by P.C.Jabin Science College,Karnataka on 10.07.2020.
- A webinar on “Beyond the Pandemic: Reinventing Horizons” by Institute of Vocational Studies , New Delhi on 16.07.2020.
- “The Life sciences in the fight against Covid 19 - networking with students, faculty and researchers for effective management”, held on 3rd August 2020 , Organized by Department of Biotechnology , Government City College (Autonomous) , Hyderabad.
- Webinar on “Mosquito borne Diseases in Kerala, an update” organized by M.S.M College,Kayamkulam on 25-08-2020.
- A webinar on “Role of Agricultural & Environmental Biotechnology for a Sustainable Future” organised by Bioingene.com on 11.08.2020.
- Webinar on “Nano from Agri waste” organized by Sree Vidyadhi Raja N.S.S College, Vazhoor on 12-08-2020.
- Webinar on “Research and Publication Ethics” organized by the Research council, Library& Information Studies and IQAC of St. Thomas College, Thrissur in association with the Directorate of Research, University of Calicut on the 6th August 2020.

- Webinar on “Biotechnological Advances in Neuroscience” jointly organized by Internal Quality Assurance Cell (IQAC) & Health Club, Sree Narayana College, Kollam on 16.08.2020.
- Webinar on “Transgenic Crops: Trends and Threats” on 5th August, 2020 organised by IQAC and Department of Biotechnology, JSS college for Women (Autonomous),Saraswathipuram, Mysuru-09.
- Webinar on “Aquariums - A Journey from Hobby to Education to Business”, jointly organised by Internal Quality Assurance Cell (IQAC) & Health Club, Sree Narayana College, Kollam as part of ‘SkillUp@Lockdown2020-Beat the Blue’ programme on 19.08.2020.
- Webinar on EIA 2020,Its Issues and Challenges organized by St Xavier’s College for Women on 20-08-2020.
- Webinar entitled “Transitioning and Gender Dysphoria” organized by Post Graduate Department of Zoology in Association with IQAC, Sree Narayana College, Nattika, Thrissur, Kerala on 21/08/2020.
- Webinar on Knowledge Engineering on Artificial Intelligence organized by St.Antonys College of Arts and Science, Dindigal on 07-09-2020.
- Webinar titled Academic Publishing in the Digital Environment on 14th October 2020 organized by Golden Jubilee Memorial Library & Library Club in collaboration with TRACC. St.Teresa’s College (Autonomous), Ernakulam.
- Webinar on “Fish Farming with Biofloc Technology” on 16 th October 2020 organized by Karnataka Veterinary, Animal & Fisheries Sciences University, Bidar, Fisheries Research and Information Centre, Hebbal, Bengaluru-560094, India.
- Biochemie Webinar Series 5 2020 titled, “Homeopathy in COVID Pandemic” held on the 29th of October 2020 organized by Unnat Bharat Abhiyan Cell.
- Sanjeevani Cancer Awareness programme conducted by 15th December 2020.

Quiz& Conferences

- The Biodiversity online quiz on the International Biodiversity day conducted by the Aditanar college of Arts and Science on 19.05.2020.
- A four-day international conference on spectroscopy entitled “International Conference on Spectroscopy of Biomolecules and Advanced Materials” (ICSBAM 2017) from 04-07 October 2017
- Biotechnological Interventions in Environmental Management PG Department of Botany & research centre UGC 18-01-2005.
- State level workshop on Energy and environment S.N. College, Kollam Kerala State Council for Science and Technology 28-02-2005.
- 24 th Kerala Science CongressRubber Board, Kottayam Kerala State Council for Science and Technology 29-31. January 2012.
- National seminar on Biotechnology for a clean Environment S.N. College, Kollam UGC 15-16. October 2008.
- Recent trends in Applied Biology S.N. College, Kollam UGC 9-10. September 2004.
- National seminar on Biotechnology Vs Biodiversity Challenges and OptionsS.N. College, Kollam.UGC21-22November 2012

- National Seminar on “Genes- the little geni at work”Institute of Engineers , Thiruvananthapuram Department of Biotechnology, Govt: College Kariavattom16-10-2006.
- Fifth Kerala Environmental Congress Centre for Environment and Development CED 21-08-2009.
- National Seminar on Biochemistry NSS College, Kottiyam UGC 14-07-2004
- Workshops on MSc Zoology Practicals Alphonsa College, Pala MG University 7-02-2014
- Educational Conference CatholiceCollege, Pathanamthitta MOC Colleges 16-01-2016
- National seminar on Forensics. Christian College,Chengannur ICFSA 19-01-2017

Research related activities

- Membership in Global Academy of Peer Reviewers, Publons.
 - Editorial board member of "International Journal of Environmental Pollution Control, Environmental Sciences and Studies"
 - Editorial Board member of International Journal of Research and Scientific Innovation
 - Assistant Editor of International Journal of Academic Research and Development.
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- Peer reviewer of European Journal of Medicinal plants .
 - Peer reviewer of Journal of Environment and Waste Management.
 - Peer reviewer of British Journal of Pharmaceutical Research.
 - Peer reviewer of Microbiology Research Journal International.
 - Peer reviewer of Journal of Advances in Medical and Pharmaceutical Sciences.
 - Peer reviewer of International Blood Research & Reviews.
 - Peer reviewer of Journal of Complementary and Alternative Medical Research.
 - Peer reviewer of Asian Journal of Research in Medical and Pharmaceutical Sciences.
 - Peer reviewer of Asian Journal of Biotechnology and Bioresource Technology.
 - Peer reviewer of International Journal of Biochemistry Research and Review.
 - Peer reviewer of Annual Research and Reviews in Biology.
 - Peer reviewer of Journal of Pharmaceutical Research International.
 - Peer reviewer of Asian Journal of Biology.
 - Peer reviewer of Chemical Science International Journal.

- Peer reviewer of Asian Journal of Advances in Agricultural Science.
- Peer reviewer of Asian Journal of Chemical Sciences.
- Peer reviewer of Journal of Advances in Medicine and Medical Research.
- Peer reviewer of Journal of Scientific Research and Reports.
- Peer reviewer of Journal of Applied Life Science International.
- Peer reviewer of Journal of Economics ,Management and Trade.
- Peer reviewer of Journal of Advances in Biology and Biotechnology.
- Peer reviewer of Asian Food Science Journal.
- Peer reviewer of South Asian Research Journal of Natural Products.
- Peer reviewer of Asian Journal of Research in Agriculture and Forestry.
- Peer reviewer of Journal of Agriculture Ecology and Research International.