**Dr. V. S. K. Govt. Degree & PG College (A), Visakhapatnam**

**LECTURER PROFILE**

**General Information**

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| **Name** | Dr. P. Jaya |
| **Designation** | Lecturer |
| **Department** | Zoology |
| **Institution** | Dr. V. S. Krishna Govt. Degree and PG College (A) |
| **Qualification** | M. Sc (Zoology), Specialization in Physiology  Ph. D (Zoology -Marine Biology) |
| **Date of Birth** | 21-10-1975 |
| **Date of appointment** | 22-11-2000 |

**Academic Qualification**

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| **Exams Passed** | **Board/University** | **Subjects** | **Year** | **Division/Grade** |
| **High School** | SSC Board of Secondary Education A.P. | Telugu, English, Hindi, Mathematics, Social Studies and Science | April 1991 | II Class |
| **Intermediate** | Central Board of Secondary Edn. A.P. | Mathematics, Biology, Physics & Chemistry | March 1993 | II class |
| **Bachelor’s Degree** | St. Josephs College for Women, Visakhapatnam | Chemistry, Botany & Zoology | April 1996 | I Class |
| **Master’s Degree M.Sc.** | Andhra University | Zoology | April 1998 | I Class |
| **Ph. D** | Andhra University | Zoology | April 2013 | Awarded |

**Research Experience**

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| **Ph. D.** | Quantitative distribution of Phytal Macro and MeioFauna from Tropical Rocky coast with special Emphasis on Nematodes | Andhra University |
| **Journal Publications** | 10 |  |
| **Patent** | 01 | Bovine Semen Smart Analyser |
| **Book Publications** | 04 |  |
| **Research Guidance** | 02 Scholar | Pursuing Ph. D |

**Teaching Experience**

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| **Courses Taught** | **Name of the University/College/University** | **Duration** |
| **UG (B.Sc. CBZ, Zoology & Fisheries Hons. )**  **B. VOC (Aquaculture)** | Govt. Degree College, Bhadrachalam, Khammam Dist. Kakatiya University | 4 YEARS |
| Dr. V. S. K. G. D. C, (A) Visakhapatnam, AU | 11 YEARS |
| GDC Chodavaram, Visakhapatnam Dist., AU | 6 YEARS |
| Dr. V. S. K. G. D. C, (A) Visakhapatnam, AU | 3 years |
| Ambedkar Open University | 5 years |
| Andhra University, Distance Education | 2 years |
| **PG (M.Sc. Zoology)** | Andhra University, Distance Education | 2 Years |
| **UG: Foundation Courses**  **Science and Technology**  **Environmental Studies**  **Poultry Farming**  **Dairy Technology** | Dr. V. S. K. G. D. C, (A) Visakhapatnam, AU | 4 years |
| GDC Chodavaram, Visakhapatnam Dist., AU |

**Total teaching experience:** 23 years 09 months

**Improvement of Professional Competence**

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| **S.NO** | **Name of the course attended** | **Institution** | **Dates** |
| 01 | Orientation course | O.U. | 29-10-2001 to 27-11-2001 |
| 02 | Refresher Course in Zoology | O.U. | 7-11-2005 to 29-11-2005 |
| 03 | Orientation Course | A.U. | 05-06-2003 to 29-06-2003 |
| 05 | Refresher Course in Life Sciences | A.U. | 05-06-2012 to 25-06-2012 |
| 06 | Ph. D. (FDP) | A.U. | 2009 to 2012 |
| 07 | FDP in Zoology | CCE, A.P. | 06-07-2020 to 10-07-2020 |
| 08 | Short term course on Women Studies | AU | 24-02-2020 to 01-03-2020 |
| 09 | ToT on internship/Apprenticeship Management and Learning Management System | CCE | 30-01-2023 to 01-02-2023 |
| 10 | ToT on content delivery and assessment methods pertaining to skill courses Sem-III Poultry Farming | CCE | 02-11-2022 to 06-11-2022 |
| 11 | FDP on English medium of Instruction, proficiency in English | CCE | 12-06-2023 to 17-06-2023 |
| 12 | FDP on Zoology, Bio-technology and Bio-chemistry | CCE | 11-03-2024 to 15-03-2024 |
| 13 | Training programme for the administrators of Govt. Autonomous Degree Colleges in AP at Vijayawada. | CCE., A.P. | 25-04-2023 to 27-04-2023 |
| 14 | Consortium of A.P. Govt. Autonomous Colleges on Quality Mandate at Rajamahendravaram. | CCE., A.P. | 18-07-2024 to 20-07-2024 |

**Seminars, Conferences, Symposia, workshops and exhibition organized**

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| **S. No** | **Activity** |  | **Date** |
| **01** | District level Literary and Cultural Competitions - Yuvatharangam | Team Manger | 14 &15-11-2014 |
| 02 | National Work Shop on Digital Alternatives to Dissections | Coordinator | 09-01-2015 |
| 03 | National Seminar on Impact of Socio-Economic and Political Development on Environment and Biodiversity | Organising Member | 28 02-2015 |
| 04 | Visakha Utsav | Organiser | 23-01-2015 to 25-01-2015 |
| 05 | District level Literary and Cultural Competitions - Yuvatharangam | Cultural Coordinator | 29&30-09-2015 |
| 06 | Sparrow day, Dept. of Zoology GDC Chodavaram | Organising Member | 20-03-2017 |
| 07 | Marine Fish and Fisheries Exhibition with Fishery Survey of India | Organiser | 30-03-2022 |
| 08 | ToT on Information Communication Technology | Organiser | 22-07-2022 to 26-07-2022 |
| 09 | ToT on Social Work and Survey reporting | Organiser | 27-07-2022 to 31-07-2022 |
| 10 | ToT on Dairy Technology | Organiser | 10-08-2022 to 14-08-2022 |
| 11 | ToT on Solar Energy | Organiser | 10-08-2022 |
| 12 | ToT on Poultry Farming | Coordinator | 02-11-2022 to 06-11-2022 |
| 13 | ToT on Human Values | Organiser | 30-11-2022 |
| 14 | ToT on Electrical Appliances | Organiser | 07-12-2022 |
| 15 | ToT on Plant Nursery | Organiser | 07-12-2022 |
| 16 | ToT on Insurance Promotion | Organiser | 14-12-22 |
| 17 | ToT on Tourism Guidance | Organiser | 14-12-2022 |
| 18 | FDP on English medium of Instruction, proficiency in English | Organiser | 12-06-2023 to 17-06-2023 |
| 19 | FDP on Internship/Apprenticeship Management and LMS | Organiser | 30-01-2022 to 01-02-2023 |

**Seminars, Workshops, Conferences, FDPs and ToTs attended**

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| S. no. | Name of the Seminar/Webinar | National/International/State level | Place | Date |
| 01 | Prof. P. N. Ganapthi Centennial Commemoration | National Seminar | Marine Biological Association of India and AU | 09-10-2010 to 10-10-2010 |
| 02 | Climate Change | National Seminar | UGC PR GDC |  |
| 03 | Quality consciousness : A paradigm shift in Higher Learning Govt institutions in Andhra Pradesh. | State Seminar | IQAC Dr VSK GDC (A) , Visakhapatnam, | 22-03-2013 to 23-03 -2013. |
| 04 | Recent Trends in Aquaculture | National Seminar | Ministry of Earth Sciences Govt. of India | 22-11-2013 to 23-11-2013 |
| 05 | Biodiversity and Conservation | National Seminar | GDC Nellore | 23-09-2014 to09-09-2014 |
| 06 | Recent Trends in Aquaculture | UGC Sponsored National Seminar | St. Theresa’s College for Women Eluru | 08-09-2014 to 09-09-2014 |
| 07 | Higher Education –The Role of Teacher | National Work Shop | Mrs. AVN CollegeVisakhapatnam | 10-10-2014 |
| 08 | Recent Developments in Nano Chemistry | UGC Sponsored National Seminar | Dr. VSKGDC Dept. of Chemistry | 12-12-2014 |
| 09 | Quality Enhancement in Govt. Degree Colleges – Role of Teachers | State Seminar | GCGTA AP Hyderabad | 10-10-2015 |
| 10 | Conference on Recent Advances in Aquaculture | International Conference | Indian Council of Forestry Research and Education, Vsp. | 16-o6-2016 to 17-06-2016 |
| 11 | Nutrional Values of Ethinic Foods | National Seminar | Dr. VSKGDC Dept. of Microbiology | 17-02-2017 |
| 12 | Green Wealth for Global Health | National Seminar by UGC | Dr. VSKGDC Dept. of Botany | 15-02-2017 to 16-02-2017 |
| 13 | Environment Urbanization and Bio Resources Management | National Seminar | Dept. of Environmental Sciences AU | 28-06-2017 TO 30-06-2017 |
| 14 | Recent Trends in Applied Biology | National Seminar | School of Life and Health Sciences, AKNU | 16-08-2018 to 17-08-2018 |
| 15 | The Assemble and Use of Foldscope | UGC Sponsered area study | PRGDC EG Dist. | 02-03-2019 |
| 16 | Alternate Energy Resources for Sustainable Environment | UGC Sponsored National Seminar | PRGDC EG Dist. | 14-02-2019 to 15-02-2019 |
| 17 | New Horizons of Aquatic Ecosystems towards Sustainable Development | National Seminar | Adikavi Nannaya University, Rajamahendravaram | 24-07-2020 |
| 18 | National Seminar on Parasites Health and Environment | Department of Science and Technology | Andhra University | 30-12-21 |
| 19 | Bioinformatic Tools: Theory and Practice | National Workshop | Dept. of Microbiology AU | 03-03-2022 to 04-03-2022 |
| 20 | Nutritional Significance of Sea Food – Fish for Health and Prosperity | Webinar | ICAR-CIFT | 05-08-2022 |
| 21 | International Collaboration:Current Trends | Regional Workshop | American Corner, AU | 18-03-2022 to 19-03-2022 |
| 22 | Monitoring the Transient Tiger in Andhra Pradesh | Regional Seminar | IGZP, Visakhapatnam | 29-07-2022 |
|  | Digital Pedagogical tools for Blending Learning Environment | National Workshop | NIEPA (MOE) Govt. of India New Delhi | 22-12-2022 |
| 23 | Women and Stem | Regional Workshop | American Corner, AU | 11-04-2023 to 12-04-2023 |
| 24 | International conference on new frontiers in Physical, Chemical and Biological Sciences | International conference | Dr. V. S. K. GDC, Visakhapatnam | 20-02-24 to 21-02-24 |
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**Workshops on extension activities**

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| **S. no** | **Name of the Programme** | **Place** | **Date** |
| 01. | College Talk AIDS Programme as Nodal Lecturers | Dr. VSK GDC., Visakhapatnam | 18-10-2006 |
| 02 | Red Ribbon Club Peer Educators | Dr. VSK GDC., Visakhapatnam | 18-12-2013 |
| 03 | NSS Orientation Training | UTOC, AU, Visakhapatnam | 17-08-2013 to 23-08-2013 |
| 04 | NSS Orientation Training | UTOC, AU, Visakhapatnam | 25-03-2015 to 31-03-2015 |
| 05 | Voter Enrollement | Election Commision of India | 25-01-2015 |
| 06 | HIV/AIDS Control Training Programme | AP State AIDS Control Society | 2014 |

**Awards**

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| S. no. | Name of the Award | Place | Date |
| 01 | Sangamitra Best Teacher Award 2017 | Visakha Media services, Visakhapatnam | 2017 |
| 02 | Certificate of Merit | District Collector, Visakhapatnam | 2023 |

**Contributions in Teaching**

**Design of Curriculum** : Acted as BoS chairman for framing of Syllabus of BSc Zoology, BSc. Zoology Hons., BSc. Fisheries Hons. and B. VOC Aquaculture.

**Teaching Methods**: Conventional Lecture and ICT methods are followed

**Evaluation Methods**: Continuous Internal Assessment Method is followed. Class tests, Viva voice for Projects and Practical Exams are conducted. Semester exams for final evaluation for the students.

**Attendence**: Students attendance is monitored if any irregularities.

**Project Works**: Mentored students for Community Service Projects and Short Term Internships. Study Projects, Seminars, Field trips, Quiz and Assignments are taken up to enhance their skills in the subject.

**Laboratory Experiments**: slides, Spotters, Bio Visual Charts and You Tube Virtual Dissections are shown. Prescribed Lab Manuals used for record preparation.

**Preparation of Resource Material**: Lecture notes, Reference Books, Reading Material, Laboratory Manuals, Flash Cards are provided. Internet facility is provided.

**Remidial Coaching**: Classes are conducted for students who couldn’t perform well in the previous exams. Counselling is given to students as mentor who face problems at home and college.

**Bridge Course**: classes are conducted for the newly admitted students with different disciplines.

**Other Responsibilities**

**Vice Principal**: Discharge duties related to the administration assigned by the Principal

**Controller of Examination**: Conducting of Exams, Setting of Question papers, Evaluation and declaring of Results as per academic calander.

**Lecturer - in - Charge**: Looks after the conducting of classes, curricular and co-curricular activities and coordinate any work related to the department with the principal and faculty.

**Women Empowerment Cell Member**: participates in all women related issues and programmes. Conducts awareness programmes on women problems, rights and health.

**Scholarship Committee**: Looks after the application and sanction of ST students Scholarships.

**FAC**: Had a privilege of working as FAC principal to GDC Chodavaram for one year, During this period GDC Chodavaram was blessed with new permanent college building.

**GCTA Union**: Worked as Treasurer for GCTA Union at Unit Level.

Other committies related to the institution. Takes active part in every duty assigned by the head of the Institution along with my regular teaching.

**Interview Board Chairman**: Extended services as the interview board chairman for Jawhar Navodaya Vidyalaya contract teachers selections.

**College Students Union Secretary:** Had an opportunity to be a College Students Union Secretary for the year 2023.

**Executive Council Member**: Honoured by the Govt. of Andhra Pradesh to be an Executive Council Member of the Prestigious Andhra University, Visakhapatnam on 14-09-2023 for a period of three years.

**Discipline Committee Member**: Looks after the discipline of the students in and around the campus.

**Finanace Committee Member**: Participates in decision making and taking resolutions in the financial aspects.

**NAAC Advisory Committee:** As NAAC Advisory Committee member visited the NAAC going college Narasannapeta, Srikakulam District.

**Extension works/Community works**

* Worked for rebuilding of college campus after HUD-HUD Toofan.
* Conducted mega blood donation camp with APSACS, NTR Blood Bank and AS Raja Blood bank.
* Raised Rs. 8000/- fund for the treatment of physically handicapped student who met with an accident.
* Participated in Swatch Bharat Programme along with GVMC in keeping the city clean.
* Conduted AIDS awareness by taking rallies
* Member of Red Ribbon Club and Nodal Lecturer for College Talk AIDS programme
* Participated in Voter Enrollement along with the Revenue department.
* Conducted Visakha Utsav seminars for development of smart cities.
* Domalapai Dandayatra, Vanam Manam and awareness programmes on Cashless transactions were conducted.
* Monthly we support and contribute Old Age Home.
* Free Eye check up and free Dental camps were conducted.
* Participated in Corporate life, Nation building Programmes and Campus Enrichment programmes.
* Visakhapatnam beach cleaning programmes are taken up by our students in Collaboration with Fishery Survey of India, a Central Government Organisation and awareness is created among the local fisher men.
* We along with our students participate in cleaning of Indira Gandhi Zoological National Park, Visakhapatnam.
* Organised a program with local artists to the public in bringing awareness to the people about the Marine Pollution and Micro Plastic Pollution in the sea.
* Participated in Satcha Bharath Programme arranged by NSS in our college campus.
* Organised Anti Drug and Anti Ragging Programs to our college students.
* Awareness programme for girl students in health and hygiene was conducted.

PUBLICATIONS

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| --- | --- | --- | --- | --- | --- |
| **S. no** | **Title** | **Name of the Journal** | **ISSN/ISBN No** | **Date** | **Page. No.** |
| 1 | Phytal nematodes associated with Caulerpa *fastigiata* and Caulerpa *taxifolia* of Visakhapatnam Coast | International Journal of Biology, Pharmacy and Allied Sciences | 2277-4998 | April 2012 | 331-336 |
| 2 | Diversity of Meiofauna associated with Nine different species of algae at Visakhapatnam Coast | International Journal of Biology, Pharmacy and Allied Sciences | 2277-4998 | May 2012 | 469-483 |
| 3 | Diversity of Rocky Intertidal Phytal Macrofauna Associated with Nine different species of Algae of Visakhapatnam Coast East Coast of India | International Journal of Biology, Pharmacy and Allied Sciences | 2277-4998 | May 2012 |  |
| 4 | New Record of PODOCOPAN Ostracod Semicytherura *Ikeyai* from Indian Coast | International Journal of Multidisciplinary Educational research | 2277-7881 | April 2015 | Volume 4, Issue 4(3) |
| 5 | Sloth Bear (Melursus *ursinus*) Maternity Denning Behaviour Observations at Indira Gandhi Zoological Park, Visakhapatnam, India | Asian Journal of Research in Zoology | 2582-466X | March 2023 | Volume 6,19-25 |
| 6 | Effect of Oocyte Aging on DNA methylation Pattern in Buffaloes | Journal of Advanced Zoology | 0253-7214 | October 2023 | 142-149 |
| 7 | Diversity of Aquatic Macrophyte Flora Abundance in Meghadrigedda Reservior at VISAKHAPATNAM | Uttar Pradesh Journal of Zoology | 0256-971X(P) | April 2024 | 129-143 |
| 8 | Taxonomic Check List of Icthyofaunal Diversity in Gosthani River at Tagarapuvalasa, Visakhapatnam, Andhra Pradesh | Uttar Pradesh Journal of Zoology | 0256-971X(P) | April 2024 | 57-64 |
| 9 | Annonated Check List of Icthyofaunal Diversity in the Fresh Wter Tidal Stretch Along the Gosthani Estuary, Bheemunipatnam, East Coast of India | Uttar Pradesh Journal of Zoology | 0256-971X(P) | May 2024 | 89-101 |
| 10 | Intertidal Bivalve Diversity and Fishery of the Gosthani Estuary, Bheeminipatnam, Visakhapatnam, East Coast of India | Uttar Pradesh Journal of Zoology | 0256-971X(P) | May 2024 | 294-304 |
| 11 | Sloth Bear (Melursus *ursinus)* Maternity Denning Behaviour Observations at Indira Gandhi Zoological Park, | Research Trends in Life Sciences (Akinik Publications) | 978-93-6135-876-0 | March 2024 | Volume 09 |
| 12 | Age and Seasonal Impacts on Bull Semen: Current findings and future directions | Revista electronoca de Veterinaria | 1695-7504 | June 2024 | Vol 25, No. IS (2024) |
| 13 | Optimizing Bull Semen pH: Strategies for Enhancing Sperm motility and Fertility Outcomes | Amazon – Kindle Edition |  | July, 2024 | e- Book |
| 14 | Animal Physiology Genetics and Evolution | Third Year BSc Zoology | Paper III | School of Distance Education Andhra University | Book writting |
| 15 | Fisheries and Aquaculture, Clinical Science & Animal Biotechnology | Third Year BSc Zoology | Paper IV | School of Distance Education Andhra University | Book writting |
| 16 | Bovine Semen Smart Analyser | Patent office Govt. of India |  |  | **Patent** |

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