

CURRICULUM VITAE

PANGI VIJAYA NIRMALA, M.Sc; B.Ed; M.Phil; PhD

Associate Professor
School of Life and Health Sciences
Adikavi Nannaya University
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Academic Record:

Degree	Year	Subject(s)	University
B.Sc	1998	Chemistry, Botany & Zoology	Andhra University, VSKP, AP
B.Ed	1999	Biological Sciences	Andhra University, VSKP, AP
M.Sc	2001	Zoology	Andhra University, VSKP, AP
M.Phil	2007	Animal Physiology	Andhra University, VSKP, AP
Ph.D	2011	Zoology	Andhra University, VSKP, AP

Teaching & Research Experience:

Name of the Institution	Designation	Duration	Period
Adikavi Nannaya Univ, India	Assc. Professor	2019 till to date	4 yrs
	Asst Professor	May 2007-	12yrs
TWAH (G), Kandamamidi,, PDR VSKP	School Assistant	April 2001- May 2007	5Yrs1 M

Current Administrative positions:

- Principal, UCST, AKNU
- Head Dept. of Zoology AKNU
- Coordinator, SC; ST cell AKNU
- Coordinator Library & Health Center AKNU

Patents:

1. **Synthesis and Application of Copper Manganese Doped Nickel Oxide Nanoparticle as a Versatile Agent for Antimicrobial and Anticancer Treatment**- September-2023.
2. **Method and System for analysis of Proteins using Mass Spectrometry** – January 2024.
3. **A Novel Method for Degradation of Organophosphates in Edible Fishes through Enzymatic Activation** – Marc 2024.

Projects completed:

1. **Green synthesis of carbon quantum dots (CQDs) from *Asclepidaceae* family species, characterization, evaluation of anti-oxidant activity and photocatalytic degradation of dyes.** sponsored by Andhra Pradesh State Council of Science and Technology (APCOST) Vijayawada. Worth 1,00,000/-, 4th April 2023.

2. **Role of community based ecotourism, microfinance and NTFP's value addition for supporting forest dwellers, livelihoods - a case study of Maredumilli, eco-tourism project area, Andhra Pradesh, India** sponsored by AP govt. Forest department - Technical Assistant member, Worth 1,00,000/- .2019
3. **AP State Biodiversity Board Project on PBR Preparation -2017**, worth 5,0000/- PI Dr. T. Padmavathi., Technical Group Member: Dr P Vijaya Nirmala.

Ongoing Project:

1. **“Role of Tribal Culture towards sustainable Environment with reference to Tribal Community of Eastern Ghats”** Funded by ICSSR ,Rs.10.00 Lakhs- PI
2. **“Effect of Ecopreneurship on Environment Protection and Sustainable Development-A Study of small & microenterprises with reference to south India”** Funded by ICSSR, Rs.6.00 Lakhs-Co-PI
3. **Waste to wealth: “Transforming Pectin from Agro-waste to value added Nutraceuticals with Potential application in Food and Pharma Industry”** Co-PI
4. **Green synthesis of silver nanoparticles using plant extract and their anti-diabetic and anti- oxidant activities –** Funded by RUSA June 2024, Rs.5Lakhs- PI
5. **Identification of Microbial populations in Soil Samples collected at oil rig sites in Godavari Districts** Funded by RUSA June 2024, Rs.5Lakhs- Co-PI

Project Proposals Submitted:

1. ***In vitro* Study of Anti-diabetic and Bioimaging Applications of Fluorescent Biodots in the Biomass of Weed Plants from Maredimilli Forest,E.Godavari Dist, AP, India –** Submitted to APCOST in March 2024.
2. **Expression of HOX genes in human colorectal cancer and evaluation as a molecular diagnostic marker –** Submitted to the DBT in March 2023.
3. **Fund For Improvement Of S&T Infrastructure In Universities And Higher Educational Institutions (FIST) Program – 2020”, July 2020-Whole genome sequencing of a Marine water fish, *Trichuris lepturus*-** Submitted to the DBT in July 2022.
4. **Evaluation of molecular markers of anti-diabetogenic medicinal plant extracts using RAPD technique in streptozotocine (STZ) induced diabetic wistar rats –** Submitted to the DST-SERB in July 2021.
5. **“Science Technology and Innovation (STI) Hub” for the Livelihood and Socioeconomic Development of Scheduled Tribe (ST) population in East Godavari District, Andhra Pradesh State –** Submitted to the DST in September 2021.

Papers publications

1. Lakshmi Pradeepthi, Pemmaraju, Alavala Matta Reddy **Vijaya Nirmala Pangi**, Abhinash Marukurti, Buddha Sai Keerthana, “**Molecular Docking and Virtual Screening in Drug Design For Parkinson’s Disease**” *Journal of Emerging Technologies and Innovative Research (JETIR)* Dec 2023, Volume 10, Issue 12
2. Ayyanna, Yandamuri, Alavala Matta Reddy, and Pangi Vijaya Nirmala. "**Seasonal Variations And Zooplankton Diversity From Mangroves Area, Kakinada District, Andhra Pradesh.**" *Journal of Survey in Fisheries Sciences* (2024): 17-20.
3. PRGNV Prasad, **Pangi Vijaya Nirmala** “**Green Carbon Dots Derived From *Acetosa Sagittata* Aerial Parts And In Vitro Antidiabetic, Antioxidant And Cytotoxic Properties**” revista argentina de clínica psicológica, Volume 32, Issue 1, 2023, Pg.63-71.
4. T Venkateswara Rao, Abhinash Marukurti, **Pangi Vijaya Nirmala**, N Sreenivas, **Unravelling Seasonal Shifts: Exploring Carbon and Nitrogen Stable Isotope signatures in Zooplankton of Kakinada Bay, Andhra Pradesh India** *Journal of Advanced Zoology* ISSN: 0253-7214 Volume 44 Issue 5 , 2023 Page 576-581. December 2023
5. **Vijaya Nirmala Pangi**, Eeda Venkateswararao, Alavala Matta Reddy, Kavita Munjal, Hitesh Chopra, Sunil Junapudi, **CoMFA and CoMSIA Analyses of Novel Chromenone Derivatives as Interleukin 5 Inhibitors**, *Jordan Journal of Chemistry*, Volume 18, Number 2, 2023 Pages 109-118, **November-2023** <https://doi.org/10.47014/18.2.5>
6. T Venkateswara Rao, Abhinash Marukurti, **Pangi Vijaya Nirmala**, N Sreenivas “**Assessment of socioeconomic status and livelihood index among small-scale fishermen along the Kakinada Coast, Andhra Pradesh, India.**” *Journal of Advanced Zoology* ISSN: 0253-7214. Volume 44, Issue 4 Page 1182-1187. September 2023.
7. BABU, KANDRAKUNTA, G. Sudhakar, and **P. Vijaya Nirmala**. "**Heavy Metal Analysis in Agricultural Soils in Godavari River Basin of Rajahmundry Region, East Godavari District, Andhra Pradesh, India.**" *Current Agriculture Research Journal* 11, no. 2 (2023).
8. **Vijaya Nirmala Pangi** Kandrakunta Babu, Alavala Matta Reddy, PRGNV Prasad, Abhinash Marukurti, **The Role of Non-Coding RNAs (miRNAs & lncRNAs) in the Muscles of Rainbow Trout *Oncorhynchus mykiss***, *International Research Journal of Innovations in Engineering and Technology (IRJIET)* ISSN (online): 2581-3048 Volume 7, Issue 4, pp 255-258, **April-2023** <https://doi.org/10.47001/IRJIET/2023.704038>.
9. **Vijaya Nirmala Pangi**, Abhinash Marukurti, Alavala Matta Reddy, Rohini Anupoju, Phanindra Babu Kasi, Silpa Rani Medapalli, Inagadapa JN Padmavathi, Buddha Sai Keerthana and Shaik Farhana “**Anti-vibriocidal activity and gas chromatography mass spectrometry (GC-MS)-based chemical composition of *Mirabilis jalapa* leaf methanolic extract**” *Journal of Pharmacognosy and Phytochemistry* **2023**; 12(1): 653-662.
10. **Vijaya Nirmala Pangi**, Abhinash Marukurti, Alavala Matta Reddy, Silpa Rani Medapalli **Synthesis of Biogenic Silver Nanoparticles (bAgNPs) Using Leaf Extract of *Mirabilis jalapa* and Evaluation of Anti-vibriocidal, Anti-oxidant properties and Cytotoxicity** *BioNanoScience*, **Feb 2023** <https://doi.org/10.1007/s12668-023-01060-x> .
11. **Vijaya Nirmala Pangi** , Kandrakunta Babu , Alavala Matta Reddy , PRGNV Prasad , Buddha Sai Keerthana , Soni Kollabathina , Dinesh Ratna G. (2022). **Antibacterial Activity Of Silver Nanoparticles (AgNPs) On Shrimp Vibriosis And Their Eco Toxicity.** *Journal of Pharmaceutical Negative Results*, 5246–5257. <https://doi.org/10.47750/pnr.2022.13.S10.637>.
12. Pangi, Vijaya Nirmala, P. R. G. N. V. Prasad, Alavala Matta Reddy, Abhinash Marukurti, Kandrakunta Babu, Sirangu Joseph, and Shaik Farhana. "**Extraction Of Phytochemicals Through Sequential Cold Maceration And Evaluation Of Total Polyphenol Content And Antioxidant**

Properties In Ailanthus Altissima Of Simaroubaceae Family." *Journal of Pharmaceutical Negative Results* (2022): 5609-5615.

13. Alavala Matta Reddy, Mumtaz Iqbal, Hitesh Chopra, Sunil Junapudi, Shabana Bibi*, Santosh Kumar Gupta, **Viajaya Nirmala Panggi***, **Pivotal Role of Vitamin D in Mitochondrial Health, Cardiac Function, and Human Reproduction**, *EXCLI Journal* 21 (2022): 967.
14. Sunil Junapudi ^{1‡}, Sree Vandana Yerramsetty ^{2‡}, Hitesh Chopra³, Viajaya Nirmala Panggi⁴, Bojjibabu Chidipi,⁵ **Venomous Peptides as Cardiac Ion Channel's Modulators, Venoms and Toxins**, *XXXX, X*, e250422204018, DOI:10.2174/2666121702666220425130212, February 16, 2022, **IF:**
15. D.S.R.S. Prakash, **P. Vijaya Nirmala**, D. Kalyani. **Distribution of consanguineous and affinal marriages among four different endogamous populations of coastal Andhra Pradesh**, *International Journal of current Research* 2021 ISSN: 0976-3031 <http://www.recentscientific.com>
16. **Vijaya Nirmala Panggi*** Devendra Kumar, Awasthi, Silpa Rani Medapalli, Abhinash Marukurti **Corticosteroids versus Nanotechnology for SARS-CoV-2 Treatment**, *International Research Journal of Innovations in Engineering and Technology (IRJIET)* Vol.V, Issue 12, pg:22-32 , Dec, 2021
17. D.S.R.S. Prakash, **P. Vijaya Nirmala**, D.Kalyani, **Finger Dermatoglyphic Variation Study Among the Yerukulas: A tribe of Andhra Pradesh , India**, *International Journal of current Research*, 2021 ISSN: 0975-833X , <http://www.journalcra.com>
18. D.S.R.S. Prakash, **P. Vijaya Nirmala**, D.Kalyani, **Analysis of accumulation of heavy metals (Copper, Zinc, Iron, Cadmium and Lead) in Polynemustetradactylus, environment pollution from East Godavari district- Andhra Pradesh, India**, *International Journal of Life Sciences*, 2021 ISSN: 2320-7817 <http://www.ijlsci.in>.
19. Nagaraju Inturi, Sunithasree Cheweti, Muralidhar C, Arun Kumar Sanapala, Sunil Junapudi* and **Viajaya Nirmala Panggi*** **Chronic Obstructive Pulmonary Disorder (COPD) Epigenetic Changes and Therapy: An Updated Review**, *Biomedical Journal of Scientific & Technical Research (BJSTR)*, 2021 ISSN: 2574 -1241 <https://biomedres.us>.
20. **Pangi Vijaya Nirmala**, V Hemalatha Devi, Nakkini Bhavani Prasad, **Impact of hypertension on type-2 diabetic patients of Rajahmundry, Andhra Pradesh India**, Volume (6) Issue 7-(1), (2019), ISBN:2348-7666, 107-117.
21. **Pangi Vijaya Nirmala**, C. Vijaya Lakshmi,, **Incidence of Mature Onset Diabetes mellitus in north-east of Andhra Pradesh, India**, *International Journal of Multidisciplinary Educational Research*, May (2017), Volume 6 Issue 5(8), , ISSN: 2277-7881, 253-262 .
22. **Pangi Vijaya Nirmala**, C. Vijaya Lakshmi , **Glimpse of Type-2 Diabetes Mellitus Prevalence in Rajahmundry City, Andhra Pradesh India** , *International Journal of Multidisciplinary Educational Research*, Volume 6 Issue 3(8), March (2017), ISSN: 2277-7881, 278-289
23. **Pangi Vijaya Nirmala**, C. Vijaya Lakshmi , **Magnitude of Diabetes Mellitus in Young of Paderu Rural Area, Andhra Pradesh India** .*International Journal of Multidisciplinary Educational Research* (2016). Volume 5, Issue 12(5), ISSN: 2277-7881, 281-292
24. **Pangi Vijaya Nirmala**, PhD; Mani Gudivada, PhD; Chikkam Vijaya Lashmi, PhD' **Comparative Study of the Prevalence of Type-2 Diabetes Mellitus in Various Demographic Regions of Andhra Pradesh, India: a Population based Study**. *International Journal of MCH and AIDS* (2016), Volume 5, Issue 2, 103-111.
25. **Pangi Vijaya Nirmala** , **A cohort study of type-2 diabetes mellitus in rural population of north coastal Andhra Pradesh, India**, *International journal Multidisciplinary Educational Research* , (2014) Vol-1 (7), Feb 2014, ISSN: 2321-4872, Pg: no 82-89
26. **Pangi Vijaya Nirmala** , **An overview of Disease, Tradition and culture of Paderu hill tribes of Visakhapatnam, Andhra Pradesh, India**. *International journal of psychology and education* (2013), Vol-1 issue-4 December 2013, ISSN: 2321-8606 pg: no171-177.
27. **Pangi Vijaya Nirmala**, C Vijaya Lakshmi **Study of causative aspects of diabetic subjects in some parts of Visakhapatnam**, *Eastern Geographer* (2010), Vol XVI, June 2010, pp 121-122, ISSN 0973-7642.

Books/Book chapters:

S. No.	Title of the book/chapters published	Author's Name	Name of the publisher	ISBN/ISSN	Year of publication
1	Glimpse of Animal Diversity of AKNU campus, Rajahmundry, Andhra Pradesh, India	Vijaya Nirmala P	Roshan Publications	978-93922257-62-4	December 2022
2	Chapter: Hepatocellular Carcinoma Stem Cells, Progression and Therapy Book title: Theranostics and Precision Medicine for the Management of Hepatocellular Carcinoma Vol.1	Vijaya Nirmala P	Elsevier	https://doi.org/10.1016/B978-0-323-98806-3.00021-0	2022
3	Recent Trends in Applied Biology	Vijaya Nirmala	Roshan Publications	978-93-87540-73-2	2019
4	Contemporary issues of Scheduled Tribes in India	Vijaya Nirmala	Roshan Publications	978-93-86251-59-0	2017
5	Challenges and Educational Opportunities of Scheduled Tribes in India	R S Dora Vijaya Nirmala et,al	Roshan Publications	978-93-86251-61-3	2017
6	Trends and educational opportunities of scheduled tribes in India	R S Dora Vijaya Nirmala et,al	Roshan Publications	978-93-86251-49-1	2017
7	Status of Scheduled Tribes in India	R S Dora Vijaya Nirmala et,al	Roshan Publications	978-93-86251-43-5	2017
8	Status of Scheduled Tribes in India	R S Dora Vijaya Nirmala et,al	Roshan Publications	978-93-86251-43-5	2017
9	Prospects of Scheduled Tribes Education	R S Dora Vijaya Nirmala et,al	Roshan Publications	978-93-86251-49-3	2017

10	Diabetes in Rural Areas of Andhra Pradesh	Vijaya Nirmala P	Roshan Publications	978-93-86-86251-54-2	2017
11	Ethno Biology & contemporary Issues of Tribal Community in India	Vijaya Nirmala .P et.al	Roshan Publications	978-93-86251-61-5	2017
12	HIV/AIDS & women sex workers in India	M BhaskaraRao Vijaya Nirmala P	Roshan Publications	978-93-86251-60-2	2015

PhD guidance:

SNo	Name of the Scholar	Title of the thesis	Year of admission
1	M Abhinash	Assessment of anti bacterial activity of green silver nano particles against <i>Vibro haemolyticus</i> & <i>V.harveyi</i> in <i>L Vennamei</i>	2020 JRF
2	K Babu	Study of Organo Pesticides toxicity in Agriculture and Aquaculture	2020
3	P R G N V Prasad	Study of Phyto chemical and anti diabetic ethnic plants from East and west Godavari Districts Andhra Pradesh, India	2020
4	B Sai Keerthana	Study of HOX genes in cancer	2021
5	Shaik Farhana	Study of Endophytic Bacteria in medicinal plants of Maredimilli forest	2021
6.	Kranthi Kumar	Study of anti microbial and anti cancer in leaf extracts of	

Proceedings of Symposia and conferences:

- Vijaya Nirmala Pangi Lakshmi** Pradeepthi, Alavala Matta Reddy Molecular Docking and Virtual screening in Drug Design for Parkinson's Disease, International Conference on multidisciplinary Research and Innovations, organized by GIET Degree college, 22nd & 23rd, Dec, 2023,
- Vijaya Nirmala Pangi** 1st International Conference on “[Environmental Challenges and Remedies for Sustainable Future](#)” Organised by Department of Chemistry, Government College, Rajamahendravaram, September 2023.
- Vijaya Nirmala Pangi** One day National Seminar on “[Novel Materials, Nanotechnology and Biomedical Applications](#)” Organised by Department of Physics and Chemistry, PR Government college(A), Kakinada, July 2023
- Vijaya Nirmala Pangi**, Buddha Sai Keerthana 8 th Annual International Conference “[Genetics & Genomics in Health and Diseases](#)” organised by BGCI & University of Hyderabad, held from 7 th to 9 th July 2023.
- Vijaya Nirmala Pangi**, Abhinash Marukurti, Alavala Matta Reddy “[Green synthesis of Carbon Quantum Dots \(CQD's\) and their anti-diabetic activities](#)” National symposium NSNST-2023 organized by Presidency University, Bangalore, April 2023.
- Buddha Sai Keerthana¹, **Vijaya Nirmala Pangi** ^{1*}, Alavala Matta Reddy ¹Abhinash Marukurthi ¹, Shaik Farhana, [Evaluation of JUP \(junction plakoglobin\) gene expression in tumours with colorectal cancer at north coastal region of andhra pradesh, south india: a pilot study.](#)

7. **Pangi Vijaya Nirmala and Soni Kollabathina** 23rd -25th Jan-2023 International symposium on “[New Genetics and its Contributions to Human Health and Wealth](#)” Organized by Department of Human Genetics, Andhra University, AP, India
8. **Pangi Vijaya Nirmala & T. Sai Teja**, 7th February 2020, In: National Seminar on "[Advances in Biotechnology and Bioinformatics](#)" sponsored by UGC and organized by department of Zoology & Applied Life Sciences, DNR College, Bhimavaram, AP, India in collaboration with department of Zoology, Adikavi **Nannaya University, Rajamahendravaram, AP, India, pp12 (Invited talk).**
9. **Pangi Vijaya Nirmala et.al.**, [Type 2 Diabetic patients and Hypertension in Paderu Rural, Andhra Prasad, India](#), Recent trends in Applied Biology, ISBN 978-93-87540-73-2, 135-144, 2019
10. International conference on “Innovations and research advances in aquaculture, fisheries and exploration of deep sea fishing”, sponsored by UGC and organized by Departments of Zoology and Aquaculture and IQAC, KGRL College, Bhimavaram, AP, India, 28th-29th August 2019, : ISBN: 978-1-5136-5309-9 (**Invited talk**).
11. **Pangi Vijaya Nirmala**, [Impact of Aquatic pollution & Toxicology on Physiochemical Characteristic of water in Aquaculture , AP, India- A Review](#), 28th-29th August 2019, International conference on “Innovations and research advances in aquaculture, fisheries and exploration of deep sea fishing”, sponsored by UGC and organized by Departments of Zoology and Aquaculture and IQAC, KGRL College, Bhimavaram, AP, India, ISBN: 978-1-5136-5309-9
12. **Pangi Vijaya Nirmala & Rama Krishna**, [Yoga Meditation on Health & Education Impact of Yoga on Education issues & challenges](#) 978-93-5300-166-07,450-456, 2018
13. **Pangi Vijaya Nirmala & R S Dora**, [Health and Education of Tribes in Rural Area- Review](#), Trends and educational opportunities of Schedule tribes, 978-93-86251-43-5 , 434-442, 2017
14. **Pangi Vijaya Nirmala**, [Causative Aspects of type-2 Diabetes mellitus in and around Visakhapatnam Population, Ethno Biology & contemporary , Issues of Tribal Community in India](#), 978-93-86251-60-2, 112-120, 2017
15. **Pangi Vijaya Nirmala**, Alavala Matta Reddy. [Are micro RNAs the foes or friends of cardiovascular disease?](#) 21st -23rd December 2016, In: International conference on “Environmental conservation & human health - challenges and strategies” and 10th Annual convention of ABAP, organized by Sri Venkateswara University, Tirupati, AP, India in association with ABAP and USEPA, pp 126.
16. **Pangi Vijaya Nirmala**, Alavala Matta Reddy, C Vijaya Lakshmi, G Mani. [Magnitude of maturity onset diabetes of the young \(MODY\) in north-east Andhra Pradesh](#). 14th-16th December 2016, In: International conference on “Recent Advances in Biosciences and Applications of Engineering in production of Biopharmaceuticals” and 9th Annual convention of Association of Biotechnology and Pharmacy (ABAP) organized by K L University, Guntur, ABAP and Acharya Nagarjuna University, Guntur, AP, India.
17. Alavala Matta Reddy, **Pangi Vijaya Nirmala**, Dasari Kalyani. [Application of RNAi interference \(RNAi\) technology in aquaculture](#). 8th-9th September 2014, In: UGC sponsored National seminar on Recent trends in Aquaculture for Sustainable Environment, Organized by Department of Zoology, ChSD St Theresa’s Autonomous College, Eluru-523105, West Godavari, AP, India, pp 33
18. Alavala Matta Reddy, Kakarla Ramaneswari, **Pangi Vijaya Niramala**, Dasari Kalyani, Ramanjulu Sunkar. [Expression analysis of microRNAs in *Sus scrofa*](#). 2nd - 5th December, 2013, In: 82nd Annual Meeting of Society of Biological Chemists, India And International conference on genomes: Mechanism and function, at School of Life Sciences, University of Hyderabad, Hyderabad, India.
19. **Pangi Vijaya Nirmala**, C Vijaya Lakshmi, Alavala Matta Reddy. [Prevalence of diabetes in relation to age, sex and other factors in Rajahmundry, Andhra Pradesh, India](#). 2nd - 5th December, 2013, In: 82nd Annual Meeting of Society of Biological Chemists, India And International conference on genomes: Mechanism and function, at School of Life Sciences, University of Hyderabad, Hyderabad, India.
20. Alavala Matta Reddy. **Pangi Vijaya Nirmala**, Mesenchymal Stem cells: Biology and applications, 23rd Oct 2010, In: National Seminar on “Stem Cell Technology & Clinical Research”, Organized by Department of Biotechnology, Montessori Mahila College, Vijayawada, AP, India .

Visit to Abroad:

1. **Visited abroad to attend Internationaal conference on Agrifood system, Organized by University Andalas, Padang, Indonesia and presented a paper on “The role of underutilized fruits in nutritional and economic security of tribal community of Maredimilli, East Godavari District, India”. 4-6th Sept 2018**

Presentations in Webinars: International:

1. **P Vijaya Nirmala.** Importance of Aquaculture in India and Future prospects “Best Practices in Vanamei Culture” in collaboration with VIRBAC Aqua APE, 9th Sept., 2020 (Invited talk).
2. **P Vijaya Nirmala.** Delivered an invited talk on” **Physiochemical parameters in Aquatic animals**” organized by Institute of Marine Biotechnology Universiti Malaysia, Terengganu, on 16th Dec 2020. (Invited talk).

Seminars /Conferences/Workshop/conducted:

1. International Year of Millets-2023, One Day workshop on Millets for Health and Entrepreneurship, 30th Dec 2023 in collaboration with Dr YSRHU, Tadepalligudem
2. Organizing committee Member of Ceremonial committee for the South WestZone Weightlifting Championships 2023-24- , 9th to 12th Dec 2023
3. Memorandum of Understanding between Adkavi Nannaya University and Central Food Technological Research Institute Mysuru, on 28th October 2023
4. International Guest Lecture on Lifestyle Modification Saves from Sudden cardiac Deaths -12th July 2023: Speaker:Prof Swamy KB, HOD , Clinical Neuroanatomy, Lincoln University, Malaysia
5. International guest lecture on Molecular genetic approaches for developing Vaccines targeting globally important vector – borne diseases impacting human and animal health on 29th September 2022.-Prof Roman Ganta, Kansas University.
6. Two days “**Workshop on Biological Metabolism - Concepts, Regulations and Application on** 10th & 11th February, 2021 in collaboration with National Academy of Science, Bangalore and New Delhi.
7. Organized National seminar on “ **Tribal Hero’s in India’s Freedom Struggle**” in Adikavi Nannaya Univeristy, on 22nd Nov, 2022.
8. Organized one day Webinar on Higher Education for Tribal students as per National Education Policy (NEP-2020) and Challenges and opportunities on the occasion of **International tribal day celebration on 18th Aug, 2022**
9. **SHEROES of Science and Technology**.,5th March,2020 in collaboration with AP Shakti Team
10. Advisory Director for **UGC International Conference on Innovations & Research Advances in Aquaculture, & Exploration Deep sea Fishing**, Organized by Department of Zoology in collaboration with Depts of Aquaculture , KGRL Degree College Bhimavaram, 28th & 29th Aug,2019 Sponsored by UGC
11. National Lecture workshop On “ **Biological Diversity and Bio-Technology for Sustainable Environment**”, Dec, 2018, Depts. Of Life Sciences
12. National Seminar on **Recent Trends in Advanced Biology**, Organised in ANUR Campus, RJY.2018
13. Organizing committee member for national seminar on “**Economic Empowerment of Rural Women through Entrepreneurial development skills-issues and challenges**, by School of Management Studies, - 2018
14. Convener for one day seminar on **Indian Psychology & Spirituality: Role of Women in Developing Values in Indian Family System**” organized by women cell & dept. of Psychology, ANUR, 8th Feb, 2018

15. Convener for two days National Seminar on [Health Awareness for Tribal communities at Rampachodavaram East Godavari dist, AP](#), 20th July,2017
16. Convener for two days National Seminar on [“Welfare Schemes for Health ,Education, Culture, Socio-Economic Status, and Conservation of tribal Community](#), Adikavi Nannaya University, 8 & 9th Sept. 2016
17. Two day National Seminar [Culture and Tradition of Hill Tribes](#) organized by Department of Social work, Adikavi Nannaya University, Rajahmundry 22nd Nov 2013.
18. Co-Convener of one day International workshop on [“Advances Biotechnology”](#), organized by school of Life and Health Sciences, Adikavi Nannaya University, Rajahmundry July 27th, 2011
19. Co-Convener of two days National conference on [“Emerging trends in Advanced Biology \(ETAB\) on organized by school of Life and Health Sciences](#), Adikavi Nannaya University, Rajahmundry. March 25th & 26th, 2011
20. Organizing committee member for national seminar on [“Economic Empowerment of Rural Women through Entrepreneurial development skills-issues and challenges](#), Organised by School of Management Studies 30-31, Oct, 2009.
21. Co-Convener of two days National workshop on [“New Directions and Dimensions in Aquaculture and Fisheries](#) , organized by school of Life and Health Sciences, Adikavi Nannaya University, Rajahmundry, 18th & 19th of Feb, 2008

Webinars: Organized as Convener:

1. Organized one day Webinar on Higher Education for Tribal students as per National Education Policy (NEP-2020) and Challenges and opportunities on the occasion of International tribal day celebration on 18th Aug, 2022.
2. Organized Webinar on : [“COVID-19: Impact on Aquaculture Practices”](#), 22nd June 2021
3. Organized **webinar** on [“Anthropogenic impact on Biodiversity and Health Challenges](#) “ on 21 june 2021.
4. Organized **webinar** [Recent Trends in Metabolic Disorders: An Epigenetic Approach](#), 17th June 2021.
5. Organized **webinar** on [“ COVID-19: Research Strategies and Therapeutics”](#) 6th June 2021.
6. Organized **webinar** [Premise and Promises in Pharma & Biotech sectors”](#) 19th Oct, 2020.

Memberships of professional bodies: 05

1. Life Membership in the Indian Science Congress (L34051) from the year 2017-18.
2. Life Membership of Research Society for study- Indian Journal of Scientific Research, Karnataka, 2017
3. Life Membership in Association of Biotechnology and Pharmacy in 2017
4. Life Membership of Research Society for study of Diabetes in India 2016
5. Life membership of Indian Fisheries Association, Central Institute of fisheries (CIFE) (ICAR), Versova, Mumbai in 2008.

Administrative Positions:

Sl. No	Position held	Institution/University	Period
1	Executive Council Member	Adikavi Nannaya University	Feb 2023 – till to date
2	Principal University College of Science & Technology	Adikavi Nannaya University	March 9 th 2023 till to date
3	Coordinator Library & Health Center	Adikavi Nannaya University	March 9 th 2023 till to date

4	Court Member	Hyderabad Central University Telangana	March 2022 till to date
5	Executive Council Member	Central Tribal University Vizianagaram AP	Feb 19 th 2022 till to date
6	SC-ST Cell Coordinator	Adikavi Nannaya University	May 2018 till to date
7	Chief Warden for Women's Hostel	Adikavi Nannaya University	2020- 2021
8	Nodal officer UGC-NSQF	Adikavi Nannaya University	Dec 2020
9	Nodal officer for Swatchtha Pakwada	Adikavi Nannaya University	Nov 2019
10	Nodal officer for NSP	Adikavi Nannaya University	Aug 2019 – Feb 2023
11	UGC Cell Co Coordinator	Adikavi Nannaya University	Aug 2019 to Feb 2023
12	Head of the Department	Aquaculture, Biotechnology, Biochemistry, Zoology, ANUR	June 2018 - Sept 2021
13	Associate Dean CDC	Adikavi Nannaya University	Dec 2018- June 2019
14	Executive Council Member	Adikavi Nannaya University	Feb 2016 – June 2019
15	Women Cell Coordinator	Adikavi Nannaya University	Aug 2012 – June 2019
16	Asst. Dean College Development Council	Adikavi Nannaya University	July 2016 – Nov 2018
17	Governing Body Member	KGRL College Bhimavaram	2016 - 2019

Professional Appointment

1	<p>BOS chairperson for Affiliated College PG Board BOS Convener for Zoology/Aquaculture, Adikavi Nannaya University 2016-2019 BOS chairman as Principal . Adikavi Nannaya University: Mathematics, Physics, Botany, 2022-25, Food Science 2023-26 Microbiology:6 colleges 2022-25</p>
2	<p>BOS chairperson for Affiliated College UG Board</p> <ul style="list-style-type: none"> ➤ Zoology BOS chairperson for 5 colleges ➤ Microbiology:6 colleges 2022-25
3	<p>BOS chairperson for BVoc Courses in Affiliated colleges</p> <ul style="list-style-type: none"> ➤ Medical Technology ➤ Medical Image Technology ➤ Medical care Technology ➤ Medical Lab Technology ➤ Aquaculture ➤ Food Technology ➤ BOS Member/B'Voc/UG/PG/:18 colleges
4	<ul style="list-style-type: none"> ➤ Academic Council Member :4 affiliated colleges

Awards

1. Awarded with National Corona-19 warrior Award by NGO organizations Philantropy and three more Societies on June 2020 for the services extended during the COVID.
2. Awarded with Bharath Mahila Siromani Award-2018 by Health Care International on Occasion International Women's Day Celebrations 8th March, 2018.
3. **Awarded as Best Teacher by the AP State Govt -2017.**
4. Awarded with National Yuva Seva Award by Philantropic Society for rendering in promotion of Telugu Languages at School and College Levels in East & West Godavari Dist Rural areas
5. National Women Empowerment Award- 2017, in for the outstanding performance of excellence in the field of Humanitarian service.
6. Associate Fellow in Science in 2016 award, honoured by A. P Science Akademi
7. Young Scientist Award 2015 honoured by ABPS & APCHE Andhra Pradesh State Govt
8. Rajiv Gandhi Junior Fellowship -2006

Members as Reviewer in journals

1. Biosciences Health-Biotechnology Elsevier
2. International journal for equity health
3. Biosciences Biotechnology Research Asia

Members as Editorial in journals

- 1 International journal of Academic Research (IJAR)
- 2 International journal of multidisciplinary Educational Research
- 3 International Journal of Zoology and Applied Sciences
- 4 International journal of Environmental and Monitoring and Analysis
- 5 Universal Journal of Advanced Multidisciplinary Research (UJAMR)

Professional Training Courses / Workshop/FDP: 13

1. Faculty Development Program Contemporary Advances in Bio-nanotechnology organized by Department of Biotechnology, National Institute of Technology Andhra Pradesh, Tadepalligudem, 02 -06 **Nov 2020**.
2. Faculty Development Program on Recent Advances Approaches in Chemistry , Chemical Biology and Drug Discovery 11-17th June 2020, Adikavi Nannaya University Rajahmundry.
3. FDP on "Challenges & Strategies of Teaching in Post COVID-19", Dept. of Education, ANUR, RJY 11th-15th, **May,2020**.
4. 3 day online workshop on " Online Course, Develop & Delivery", Human Resource Development Center, UOH, Hyd 06th -**09th, May,2020**.
5. Workshop on "Online tools and Software for Remote teaching-Learning ", UGC-HRDC, JNTU, Hyd, 24 & 25 **April 2020**.
6. Faculty Development Program on "Basic Computer Cluster System", organised by Dept. of Computer Science, Adikavi Nannaya University. Jan 2019.
7. **7 days training on Teaching and Learning of Molecular Biology and Enzymology**, organized by Dept. of Biotechnology & Teaching Learning Centre, National Institute of Technology, Warangal, 18-23rd **Sept, 2018**.
8. Interdisciplinary Refresher course on **Advanced Technologies in Teaching** for **21 days** organized by Andhra University from 11th to 31th July, 2016.

9. Participated in hands on training programme from **20-24th Jan, 2013**, organized by Dept. of Zoology, A.U, and VSP.
10. **Orientation Program** organized by UGC Academic Staff College of A. U, 12.4.10 to 9.05.2010.
11. Workshop on “**Advances in Bioinformatics in teaching Biology and Research**” 12-14 Feb, **2010**, Dept. Marine Living Resources, Andhra University, VSP.
12. CAS Training program on “Recent Advances in Application of Molecular and Quantitative in Aquaculture and Fisheries” in Bhubaneswar, Orissa, from 1st to 21st June **2009**
13. CAS Training program for **21** days on “Advances in Aquaculture Technologies “conducted by the Central Institute of Fisheries, Versova, Mumbai from 8-28th January, **2008**.

ONLINE PROGRAMS:

1. Elsevier Research Academy Online Modules in Research Academy in Elsevier
2. MOOCs program : Computer Aided Drug Delivery
3. WHO Course: Health Emergencies
4. WHO online course : Pandemic Influenza vaccines national Development and vaccination plans
5. COVID-19: Operational Planning Guidelines and COVID-19 Partners Platform to support country preparedness and response March 2020.
6. Emerging respiratory viruses, including COVID-19: methods for detection, prevention, response and control April 2020
7. Infection Prevention and Control (IPC) for Novel Coronavirus (COVID-19) April 2020

Name of the Workshop / Conference/ Seminar/ As Resource Person

S.No	Resource Person/ Delegate	Name of the Workshop / Conference/ Seminar/ As Resource Person	Date
1.	Resource Person	Two Day National Seminar on Recent Trends in Aquaculture Techniques , organized by Dept. of Zoology KGRL College (A) Bhimavaram	March 24 th -25 th 2023
2.	Chief guest & Keynote speaker :	One Day National Seminar on Modern Trends in Biological Research, IDEAL College of Arts & Sciences, Kakinada	27 th July 2022
3.	Resource Person Guest of Honour for the IISF	Curtain Raiser & Vigyan Yatra , organized by Aditya Degree Colleges in association with Adikavi Nannaya University, Rajahmundry for the 6th India International Science Festival (IISF) 2020	14 th Dec 2020
4.	Chief Guest for national seminar on	Delivered keynote address on “ Advances in Biotechnology and Bioinformatics” , organized collaboratively by Adikavi Nannaya University 7 DNR College , Bhimavaram, Ap India	7 th Feb, 2020
5.	Chief guest for the National Seminar ARIZONA-2019 “	Delivered keynote address on “ Role of stem cells in Biotechnology” in the National Seminar “ ARIZONA-2019 organized by Aditya women’s college Kaknina. AP India	30 th Dec 2019

6.	Resource Person for ICT in science session	7 day Faculty development program organized by MVN JS RVR college of ARTs & Science Malikipuram, E.G dist, AP India	7 th Dec, 2019
7.	Guest of honour for NEP-2019 policy	Guest of Honors for one day national seminar on new education policy -2019 organized by Aditya group of Education Colleges, Kakinada	July 21 st 2019
8.	Resource Person	Two Day National Workshop on “Genetic Improvement of Clarias magur-present status and future status prospects” Organised by CIFE.	15 th March 2019
9.	Key note Address-	Biodiversity Conservation “World Ocean Students Conclave” -Organized by Andhra University & VIBHA organization, Visakhapatnam. AP India	25 th -27 th Feb, 2019
10.	Keynote Address	Delivered Keynote Address in the two day National Faculty development program on “Role of ICET in Teaching Science”- IDEAL (A) College Kakinada	25th Feb 2019
11.	Chaired the session	Chaired the session for two day National workshop on “Impact of Yoga on Education: Issues & challenges” organized by Dept of Education, UCE, ANUR, RJY, A P India	23 rd & 24 th Feb, 2018
12.	Delegate	Invited for India International Science Festival congress organized by government organizations in India in 2018 in Lucknow, U.P, India	7 th Oct 2018
13.	Delegate from Andhra Pradesh	Invited for India International Science Festival congress organized by government organizations in India in 2017 in Chennai India	15-17 th Oct 2017
14.	Rappotuer Invited Talk –Guest of honour	Acted as rapportuer in two day National seminar “ Institutional quality maintenance and improvement” organized by Ideal College of Arts & Sciences Kakinada, A.P, India	21 - 22 nd Jan, 2017
15.	Chaired the Session	Chaired a session in National Seminar on “Stress Mangement in Work place “ organized by Dept.of Management Adikavi Nannaya University Rajahmundry, India	20 th Dec 2016
16.	Keynote address “Type-2 Diabetes present and future in India”	Delivered keynote address in a national Seminar “ Recent Trends in Biotechnological Applications to control Diabetes Mellitus “ , JNTU(K) Kainada, A.P India	22 nd -23 rd March 2016
17.	Resource person : Estimation of concentration and purity of DNA and	Presented and demonstrate the in the workshop organized by Department of Botany & Zoology and Botany, Govt Degree College (A), Rajahmundry, A.P, India	11 th Feb, 2015,

	RNA using UV Spectrometer ”		
18.	Resource person : “Social and culture practices of tribes of Visakhapatnam District ”	Keynote address in the seminar organized by Department of Social work, Adikavi Nannaya University, Rajahmundry, A.P, India	22 nd Nov 2013,
19.	An overview of ethics and values of hill tribes	Keynote address in the National seminar organized by Department of Social work, Adikavi Nannaya University, Rajahmundry, A.P, India	22 nd Nov 2013
20.	Invited talk on Advances in Biotechnology	Delivered a guest lecture in BIOFEST workshop organized by Aditya Degree college Rajahmundry, A.P, India	18 th Sept,2012

INVITED TALK/GUEST LECTURES

1. Delivered guest lecture on ”Gene Cloning Techniques and its Applications” on **24th August 2022** for UG/PG Students of DNR College (a) Bhimavaram.
2. Delivered Guest lecture on “Women Empowerment “ on March **29th 2022** at government Degree College Paderu .
3. Resource person for the carrier guidance workshop held on March **28th 2022** at government Degree College Paderu.
4. Delivered guest Lectures for Biotechnology Degree Students at Govt. College (ARTS) Rajahmundry, 2018.
5. Delivered Guest Lecture on Endocrine glands in vertebrates for PG students , Zoology/Aquaculture , PR College Kakinada 16th Sep 2017.
6. Delivered guest Lectures for Zoology Degree Students at Siddhartha Mahila Kalasala, Vijayawada, on 29th February, 2017.
7. Delivered guest Lectures for Zoology PG Students at SKBR Tanuku on 24th Nov,2016.
8. Delivered guest Lectures for Zoology Degree Students at Siddhartha College for Arts & Sciences, Vijayawada 2016.
9. Delivered guest Lectures for Zoology P.G students , Kamala College in Endocrinology at Narsapur 2015.
10. ARTS College RJY-rDNA Technology 2014 PG Students Zoology & Biotechnology
11. PR College Kakinada – Endocrine and Metabolism-2012 Zoology PG Students
12. ARTS College RJY-Hormones and Homeostasis in March 2010 Zoology PG Students
13. SKVT RJY Is Science a boon for future for Life Science PG Students 2013
14. Delivered guest Lectures for Zoology P.G students ARTS College RJY 2012

Papers Reviewed at International level:

S.No	Research Activity	Year
1	Role of Phytoestrogens as a Nutraceutical	2023
2	Characterization of Antheraea assamensis cocoon proteins as a potential candidate against Urinary Tract infection	2023
3	Swedish Healthcare Direct managers' views on gender (in)equity: applying a conceptual model International Journal for Equity in Health	9 th May, 2019
4	Reviewed a paper entitled "A population-based study of homicide deaths in Ontario, Canada using linked death records" in International Journal for Health Equity	25 th April ; 2017
5	Reviewed a paper entitled "Equitable Health Services for the Young" A decomposition of income-related inequalities in Young adults 'in International Journal for Health Equity	Oct 18 th 2016
6	Evaluation of 40 Abstracts submitted for the 42 nd Annual Conference of the International Society for Pediatric and Adolescent Diabetes in Valencia, Spain	26-29 october 2016

Examination Duties

1. Local observer during the conduct of ECET-2022 examination in Surampalem ,22th July 2022.
2. Associate Co-Ordinator for APSET 2019 at Rajahmundry Regional Center, AP
3. Appointed as Regional Co-Ordinator for the conduction of Eligible test for the Recruitment of employees in Municipal Corporation for the AP State Govt, in oct-2017 in Rajahmundry Regional Center.
4. External observer for NEET-2013, 2017, 2018 at Nellore, Visakhapatnam & Vijayawada
5. Appointed as Regional Co-Ordinator for the conduction of Distance Mode Examinations Nagarjuna University Guntur 2016, 2017
6. Associate Co-Ordinator for APSET 2016 at Rajahmundry Regional Center, AP
7. A member for scrutinizing committee for Recruitment of Teaching staff in Education AKNU 2014
8. A member for scrutinizing committee for Recruitment of Non-Teaching staff in AKNU 2013 & 2014
9. Flying Squad for AKNU UG Examinations 2013 & 2014
10. Local observer for AKNU UG Degree Examinations 2013 & 2014
11. Local observer during the conduct of APSET -2012 & 2015 examination in Rajahmundry
12. Local observer of ICET-2009 to 2013 examination in Rajahmundry
13. Member UG Evaluation Committee for results processing of AKNU;2013 & 2014
14. Member, P.G Evaluation Committee for results processing of AKNU;2012, 2013 & 2014
15. Assistant Chief Superintendent of Examinations of the university examinations during the years 2011-12

Member in important Committee:

1. Member in inspection committee for affiliation of colleges: 85
2. Member in start of new colleges/ courses: 26
3. Other important committees at the university level: 30
4. Member in Publicity Technical Committee for 3rd Global Conference on Computing & Media Technology 2019, Malaysia

5. University Nominee on the UGC Expert committee- SKSd Mahila Kalasala Tanuku E.G Dist.
6. University Nominee on the UGC Expert committee- IDEAL College of ART and Sciences Kakinada E.G Dist

OTHER SOCIAL DUTIES/ CHIEF GUEST

1. Chief Guest for International Women's Day celebrations at Government College (A) Rajamahendravaram on 08th Mar 2024.
2. Chief Guest for Popular lecture series on "Advances in Biotech Chronicles" Sponsored by DBT CTEP-New Delhi and Organized by Government College (A), Rajamahendravaram from 26th Feb 2024 to 28th Feb 2024.
3. Chief Guest for the Microfiest-2023, SCIENE FEST, LOUIS PASTUER Birthday on 27th Dec 2023 Adithya PG College, Kakinada A.P India
4. Chief guest for the annual day celebrations in Delhi Public School Rajahmundry March 24th 2023
5. Guest of honour for the Vidyathi Manthan program -2023 organized by Trimuala school Katheru, RJY 8th Jan 2023
6. Govt Degree College (A) RJY guest of Honour for women's Day celebrations 2022
7. Chief guest for the inaugural session for the Embroidery free training organized by Dr Vinay Sunkara Foundation on 11th March 2022
8. Chief guest to Govt Degree College (A) RJY for women's Day celebrations 8th March 2021.
9. Chief guest for free medical camp organized by Dr Vinay Sunkara Foundation on 11th Feb, 2021.
10. Guest of Honour for National Seminar on "Ancient yoga Remedies for modern Life style Health Problems" 8th, Feb 2019, organised by SRRIY, Kanavaram, East Godavari Dist. AP India.
11. Chief guest for National Seminar on "Advances in Biotechnology and Bioinformatics" 7th, Feb 2019, organised by DNR college, East Godavari Dist. AP India.
12. Chief guest for inaugural session of state level Workshop, ARIZONA 2K19, 30th, Dec 2019, organised by Aditya groups of colleges, East Godavari Dist.
13. Chief guest for the valedictory program for 7day Training Programme on Usage of ICT in ching – Learning Process (FDP), organized by MVJS & RVR college of Arts & Commerce, Malikipuram 7th Dec, 2019.
14. Yoga awareness Program organized by Govt.Degree College (A)RJY 18th July 2019.
15. Chief guest for the workshop organized on women empowerment Ideal Feb 2019
16. Chief Guest to Kakinada PG Centre, ANUR Campus on Aug 8th, 2018
17. Chief Guest to Red Cross Society Girl students training program Inauguration at ANUR Campus on March 8th, 2018.
18. Chief Guest to Govt Degree College for International Women Day Celebrations March 8th, 2018, Rampachodavaram
19. Chief Guest to SUMA College Kovur, E.Godavari Dist, 17th Feb 2018.
20. Chief Guest to Gowtham Model School, Payakaraopeta, for Annual Day Celebrations March 13th 2017
21. Chief Guest to Bharatiya Vidhya Bhavan School Namavaram, RJY for Annual Day Celebrations January 12th 2016.

- 22.** Chief Guest to Shade Girls high School for the Annual day celebrations April 2015.
- 23.** Chief Guest for Independence Day celebrations 15th August 2015 and hosted the flag at Vignan School, Diwancheru, Rajahmundry
- 24.** Chief Guest for Children's Day Celebrations Sri Gowthami School, Rajahmundry 2014.
- 25.** Chief Guest for Independence Day Celebrations in Vignan School, Rajahmundry 2016
- 26.** Chief Guest for the Rajivi Yuva Keranam, Rajahmundry 2015.
- 27.** Chief Guest for Annual Day Celebrations in Daffodils tiny tots School, Rajahmundry 2012.
- 28.** Chief Guest for the National prison day's Organized by Women prison, Rajahmundry 2nd Oct 2012
- 29.** Chief Guest for the yoga and meditation programme for dumb & Deaf student of Priyadharshini Schoo, RJY organized by Patanjali Mission Rajahmundry 2012.
- 30.** Chief Guest for the Biofest workshop Organized by Aditya Degree College, RJY 2011