

Personal Profile

Dr. P. RAVI SEKHAR

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

Lecturer in Zoology

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Name	:	Dr. P. RAVI SEKHAR
Date of Birth	:	17 th Jan 1980
Sex	:	Male
Marital Status	:	Married
Nationality	:	Indian
Educational Qualification	:	M.Sc. B.Ed., M.Phil., Ph.D.,
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ACADEMIC PROFILE

Area of Research : Reproductive Toxicology

Teaching Experience : 9 Years

Research Experience : 10 Years

Recognized as Research Supervisor : Guiding two Ph.D Students

Title of the Ph. D Thesis :

Impact of cypermethrin and Sodium fluoride on albino mice with special reference to selected biochemical, male reproductive parameters, histological and teratological studies"

Date of Ph.D., Awarded : 06 – 07 - 2010

Title of the M.Phil Dissertation :

Effect of synthetic pyrethroid compound cypermethrin on carbohydrate metabolism in albino rats

Name of the Research Supervisor : Prof. K. Jayantha Rao

Dept. of Zoology, S.V. University, Tirupati.

S. No	Name of the course	Place/University	From - To
1	Induction training programme	K.V.R.Govt.College, Kurnool.	26-12-2011 to 31-12-2011
2	Orientation Course (OC)	UGC ASC JNTU, Hyderabad	27-2-2012 to 27-3-2012
3	Professional Development Programme in e- Learning	UGC ASC University of Hyderabad.	23-8-2012 to 29-8-2012
7	Refresher Course RC	UGC ASC- Andhra University, Visakhapatnam	25.01.2014 to 13.02.2014
8	Three day Residential Training Programme on “Man Animal conflict”	AP HRDI, Bapatla.	9-11 th July 2018
9	One week orientation workshop on OER, content development, MOOCS and MOODLE	E&ICT Academy,	26-31 October 2018
11	Hands on training Programme on Diagnostic techniques in Aquatic animal health management	College of Fisheries a sciences, Sri venkateswara Veterinary University, muthuker, Nellore.	13-5-2019- 15-5-2019.
12	Modern techniques in Molecular Biology	DBT-Project, Research Resources, Sri Venkateswara University, Tirupati.	31-5-2019-6-6-2019.
13	Refresher Course (RC)	Mizoram University, Mizoram.	7-20 th July 2020
14	Five Day Faculty Development Programme on New knowledge in Animal sciences- Emerging technologies in Molecular Biology	Commissioner of Collegiate Education, A.P, Vijayawada.	6-10 July 2020.
15	Five Day Faculty Development Programme in LMS Video and Pedagogy	Commissionerate of Collegiate Education, A.P.Vijayawada.	3-7 th August 2020
16	One week International Faculty development Programme on “Technology Assisted Teaching and Virtual Learning Through ICT tools”	S.B.V.R.Degree and P.G College, Badvel, Kadapa District.	25-30 May 2020
17	Three Day Online Faculty Development Programme on ELearning Management System	Yogi Vemana University, Kadapa, Andhra Pradesh.	29to 1 st July 2020
18	Five Day Lecture series	SGK Govt. College, Guntur.	11-15 October 2020
19	Faculty Development Programme on Design, Develop and Deliver Online Courses	organized by National Institute of Educational Planning and Administration (NIEPA), New Delhi	July 05-09, 2021

22	Five days International Faculty Development Programme in “Innovative Research Techniques”	Vel Tech School of Management, DMI-St. Eugene University, Zambia Central Africa.	26-31 October 2021
23	Completed Swayam ARPIT Online Course on Skills for New Educational Architecture	Sant Gadge Baba University	1 st December to 31 st March 2021
24	Completed Swayam ARPIT Online Course on “Refresher Course on Teacher and Teaching in Higher Education”	Savithribai Pule University, Pune	1 st December to 31 st March 2021
25	Participated in AICTE FDP on “Green Technology and Waste management”	C. V. Raman Global University.	23-11-21 to 27-11-21
26	RC in Zoology	Teaching Learning Centre, University of Delhi	25-4-2022 to 9-05-2022
27	Participated in International one week FDP on Research Methodology.	Kamala Nehru Maha Vidyalaya, Nagpur.	22-5-2022-7-5-2022
28	Participated in National one week FDP on ICT tools for effective teaching and learning	Kamala Nehru Maha Vidyalaya, Nagpur.	23-05-22 to 28-5-2022
	Participated in Five Day Master Trainers Training Program on Content delivery and assessment methods	Govt. Of A.P, Commissionerate of Collegiate Education	26-09-2022 to 30 -09-2022.
	Completed Swayam NPTEL Online Course on Animal Physiology	IIT, Kharagpur	July to October 2022
	UGC approved Professional Development Program on “Implementation of NEP-2020 for University and college Teachers”	IGNOU, New Delhi	27-10-2022 to 5-11-2022

PROFESSION DEVELOPMENT ACTIVITIES

- Attended **Induction Training Programme** from 26.12.2011 to 1.12.2011 at KVR Govt. Degree College, Kurnool.
- **Orientation Course (OC)** completed at Academic Staff College, JNTU, Hyderabad from 27.02.2012 to 27.03.2012.
- Attended for Professional Development Programme on **e-learning and e- content Development** from 23.09.2012 to 29.09.2012 at UGC Academic Staff College, University of Hyderabad.
- **Refresher Course (RC)** completed in Environmental Sciences at UGC Academic Staff College, Andhra University, Vizag. From 24.01.2014 to 13.02.2014.
- Participated in Public Debate on “Pros and Cons of Agri Biotechnologies”

held on 18th Feb.2014 at Govt. College, Anantapur.

- Participated in the activities of Red Ribbon Club of Anantapur District.
- Attended as Evaluator (Judge) for AP Children's Science Congress,
▪ Organized by APCOST at Vincent School Anantapur on 16 – 17 Nov. 2014.
- Given Radio Talk on “Rain water harvesting is prime duty of farmer” on 18-04-2015 at AIR, Anantapur Radio Station.
- Attended as **Jury Member** for **DST Inspire Exhibition – 2015**, from 14-09-2015 to 16-09-2015, Organized by Dept. of School Education, Govt. of A.P. at St. Joseph EM High School, Kadapa.

ORGANIZED SYMPOSIA / SEMINARS

- Organized a UGC Sponsored National seminar on Sustainability and Management of Aquatic ecosystems in semi arid area on 7th & 8 Jan. 2015 at Govt. College (UG&PG), Anantapur – **As Organizing Secretary**.
- One day workshop on Teaching Learning Resources through ITeS and ICT platform like MOOCs, MOODLE, EDMODO, OER, Plickers, Kahoot, Google classroom, Presentation Tube and other such ICT & IT initiatives and other Digital initiatives on 06-01-2020 – **As convenor**.
- Workshop on Online teaching tools and LMS content preparation on 16-02-2021- **As convenor**.
- Organized a workshop on “Fold Scope – A Revolutionary Tool for Biologist” on 27.07.2022 as **Convener**
- Organized an international e- conference on socio economic relevance in science, social science and commerce towards sustainability in association with Global foundation on 05.03.2024. as **organizing secretary**.
- Organized an International E-Conference on Environmental Challenges for a Sustainable World on 27.07.2024 Association with ECOR Foundation as **organizing secretary**.

RESEARCH PROJECTS

Sponsored by UGC : (No. F MRP-5905/15 (SERO/UGC), Link no: 5905, Com code: APSK015 – January 2015).

Title of the Project : Endemic survey of fluorosis in Anantapur District and fluoride toxicity on male reproductive potentiality of albino mice

Amount Sanctioned : 4.75 Lakhs

RESEARCH GUIDENCE

**Recognized as Research supervisor by Yogivemana University, Kadapa
and Guiding two Ph.D Students**

MEMBERSHIPS

S.No.	Name of the Professional Society/Body	Type of Member
1	The Indian Science congress Association	Life Member
2	Indian Society of Comparative Animal Physiology	Life Member
3	ECOR Foundation	Life Member
4	Global Professors Society	Life Member
5	Indian Society of Toxicology	Life member
6	Life Member in National Environmental Science Academy (NESA), New Delhi	Life member

AWARDS / FELLOWSHIPS

S.No.	Name of the Awards	Name of the Organization Given
1	AP State Best Teacher Awards -2023	Govt. of Andhra Pradesh on Teachers day occassion
	AP State Scientist Award	AP State Council of Science and Technology (APCOST)
2	Best Researcher Award	National Faculty Awards 2021-22, Novel Research Academy
3	Inter National Adroit Young Scientist Award 2021	Green ThinkerZ International Awards 2021
4	Young Scientist Awards	National Environmental Science Academy (NESA)
5	Certificate of Appreciation 2023, National seminar on Multi-disciplinary Research and Practice World Record	Se.Ve. Records holder forum, Puducherry, India.

SOCIAL SITES INFORMATION:

Vidwan: 74759

ORCID: <http://www.orcid.org/0000-0002-3072-3440>

Researcher ID: <http://www.researcherid.com/rid/W-5720-2018>

Google scholar ID: <http://scholar.google.co.in/citations?user=114>

Linked In: <https://www.linkedin.com/in/ravi-sekhar-3698a11a7/>

10-index of the faculty (Refer to Google Scholar):3

h-index of the faculty (Refer to Google Scholar): 5

COMMUNITY SERVICE PROGRAMMES CONDUCTED

S.No	Activity	Date
1	Save Soil awareness programme	26.06.2022
2	Covid vaccination drive	25.07.2022
3	Diabetic Awareness Programme	13.11.2022
4.	Awareness Programme on fire accidents	19.04.2023
5	World Aids Day rally	01.12.2021
6	National Voters Day Awareness Rally	25.01.2022
7	Identification of Blood Grouping – Aazadika Amruth Mahotsav	15.03.2022
8	Blood grouping test in Association with RRC	06.12.2022
9	Blood grouping in collaboration withNCC	12.08.2021
10	Awareness programme on Health and Hygiene	04.04.2022
	Drug Abuse Awareness Programme Conducted through NSS	05.07.2022
	On the Occasion of World Blood Donard Blood Donation Camp Was Organised By NSS	14. 06. 2023
	On the Occasion of Kargil Vijay Diwas Honoring Distinguished Army Personal by NSS	26.07.2023
	On the Occasion of Seva Phakwada, a Blood Donation Camp was Organised by the NSS	27-09-2023

LIST OF PUBLICATIONS : 57

1. Narasimha Rao.C, Rajendra Prasad,S, **Ravi Sekhar P**, Savithri .Yand P. Jacob Doss (2007). Impact of corticosterone on carbohydrate metabolism of silkworm larvae *Bombyx mori*. *J. Natcon* 19(2): 307 – 312.
2. Nagarjuna.A, Rajendra Prasad, S., **P. Ravi Sekhar**, S. Siraj Mohiyuddin, P.Jacob Doss (2008). Alterations in protein metabolic profiles in gastrocnemius muscle tissue of rat during cypermethrin toxicosis. *Journal of Indian society of Toxicology*. Vol. 4: 17-21.
3. Rajendra Prasad, S Nagarjuna.A, Siraj Mohiyuddin.S, **Ravi Sekhar, P** and P.Jacob Doss (2009).Alterations of cholinergic aspects during the development of behavioral tolerance to chlorpyrifos toxicity in albino rats. *Asian Jr. of Microbiol. Biotech. Env.Sc.* Vol11 No. (3) 657-660.
4. **Ravi Sekhar, P.**, Pushparaj, C.J., Savithri, Y., Madhava Rao, S and K. Jayantha Rao (2009). Alteration in oxidative enzymes in liver and kidney tissues of albino rats under cypermethrin toxicity. *Bull. Biol. Sci.* Vol. 7(1). 25-31.
5. Madhava Rao, S., **Ravi Sekhar, P.**, Savithri, Y & K. Jayantha Rao (2009). Toxicity of Azadiractin on carbohydrate metabolic profiles in *Rana hexadactyla*. *Bull. Envi. Sci.* XXVIII (1). 61-67.
6. **Ravi Sekhar, P.**, Savithri, Y., Nagarjuna, A., Madhava Rao, S., Pushparaj, CJ and K. Jayantha Rao (2009). Effect of cypermethrin on selected dehydrogenase enzymes in muscle and heart tissues of albino rats. *J. Indian Society of Toxicol.* 5 (1) 1-5.
7. **Ravi Sekhar, P.**, Savithri, Y., Kishore, S., Jacob Doss, P and K. Jayantha Rao (2009). Effect of cypermethrin on total carbohydrates, glycogen, pyruvate & lactic acid contents in liver and kidney tissues of albino rats. *Asian J. Environmental Science.* 4 (1), 24-28.
8. Madhava Rao, S., **Ravi Sekhar, P.**, Pushparaj, CJ and K. Jayantha Rao (2009). Changes in carbohydrate profiles during Azadiractin exposure in brain and liver tissues of *Rana hexadactyla*. *J. NATCON* 21 (1). 23-28.
9. **Ravi Sekhar P**, Y. Savithri, S. Kadhar Basha and K. Jayantha Rao(2009). Synergistic effect of cypermethrin and sodium fluoride on selected biochemical parameters in albino mice. *ANU Journal of Natural Scinces*, Vol. 1 (2):15-23.
10. Subba Reddy SV, **Ravi Sekhar P**, Devaraju T, Jayasankar A, Priyanka S, Sushma NJ and K. Jayantha Rao (2009). Biochemical and histological changes in stomach of *Rana tigrina* under fenevalerate toxicity. *Ind. J.Comp. Ani. Physiol* 27(2): 60-65
11. Madhava Rao S, **P. Ravi Sekhar**, T. Devaraju, S. Kishore and K. Jayantha Rao (2010). Effect of azadirachtin on total ATPases in the selected tissues of the frog *Rana hexadactyla*. *Eco Tox & Env. Moni.* 20(2): 123-128.

12. **Ravi Sekhar P**, Y. Savithri and K. Jayantha Rao (2010). Toxicity of cypermethrin on certain biochemical parameters in the muscle and heart tissues of albino rats. *Eco Tox & Envi. Mon.* 20(4): 347-354.
13. **Ravi Sekhar P**, Y. Savithri, Y. Prakash Rao, S. Kishore and K. Jayantha Rao (2010). Cypermethrin and sodium fluoride synergistic effect on oxidative enzymes in muscle and kidney of albino mice. *Int. J. Pharma and Bio Sciences*; Vol 1(Issue 3) July-Sep 2010.
14. Savithri Y, **P. Ravi Sekhar** and P. Jacob Doss (2010). Changes in hematological profiles of albino rats under chlorpyrifos toxicity. *Int. J. Pharma and Bio Sciences*; Vol 1(Issue 3) July-Sep 2010.
15. **Ravi Sekhar P**, Y. Savithri, S.V. Subba Reddy, S. Kishore and K. Jayantha Rao (2010). Synergistic effect of cypermethrin and sodium fluoride on oxidative enzymes in liver and brain tissues of albino mice. *Int. J. Pharmacolo. & Biol.Sci.* Vol4(2): 57-66.
- 16.. Devaraju, **P. Ravi Sekhar**, K. Sujatha, G. Tulasi, and K. Jayantha Rao (2010).Alterations of haematological profile under the effect of sodium arsenate in mammalian model Albino mice. *Advances in Pharmacol & Toxicol*; 11(2): 47-52.
17. Savithri Y, **Ravi Sekhar P** and P. Jacob Doss (2010). Effect of organophosphorus pesticide chlorpyrifos on ammonia and urea levels in albino rats. *Indian J. Comp. Animal Physiol.* 28(1): 102-107.
18. Madhavee latha P, **Ravi Sekhar P**, Priyanka S, Devaraju T, John Sushma N and K. Jayantha Rao (2010). Impact of monocrotophos on selected enzymes and histopathological studies of liver with transmission electron microscopy. *Indian J. Comp. Animal Physiol.* 28(1): 16-23.
19. Savithri Y, **Ravi Sekhar P** and P. Jacob Doss (2010). Impact of chlorpyrifos on transaminases, total proteins and free amino acids in muscle and heart tissues of albino rats. *J. Exp. Zool. India* Vol. 13, No. 2, pp. 463-467.
20. Y. Savithri, **P. Ravi Sekhar**, K. Usha Rani and P. Jacob Doss (2010). Toxicity of chlorpyrifos on total proteins, freeamino acids and aminotrasferase activity levels in liver and kidney tissues of albino rats. *Adv. Pharmacol. Toxicol.* 11 (3): 13-19.
21. Madhava Rao S, **P. Ravi Sekhar**, Y. Svithri, R. Jayakumar and K. Jayantha Rao (2010). Effect of azdirachtin on protein profiles in muscle and kidney tissues of *Rana hexadactyla*. *Indian Journal of Environmental Sciences* 14(2): 111-116.
22. **Ravi Sekhar P**, Y. Savithri, S. Kishore, A. Jayasankar and K. Jayantha Rao (2011).Synergistic effect of sodium fluoride and cypermethrin on somatic index and histopathology of testis of albino mice. *Fluoride* 44(2): 103-111.

23. Tulasi.G, **Ravi Sekhar P**, K. Jayantha Rao (2011) Bioaccumulation of Chromium in different tissues of fingerlings of fish, *Cyprinus carpio*. National Symp. on Biodiversity and Environ. Nov.3-5: Gulbarga.
24. Tulasi G, Praveena M, **Ravi Sekhar P** Kishore S and K Jayantha Rao (2011). Impact of chromium on metabolically and functional active tissues of fresh water edible fish, *Cyprinus carpio*. *Indian J. Comp. Animal. Physiol.* 29: 81-88.
25. Sreevani D, Devarju T, **Ravi Sekhar P**, Savithri Y, Nagalakshamma and N.Yashodamma (2011). Antihyper glycemc activity of leaf extracts of *Syzygium alternifolium* (wight) Walp. And *Syzygium cumini* (Linn.) Skeels in STZ induced diabetic rats. *The ecoscan*: Vol.1: 93-97.
26. **Ravi Sekhar P**, Y. Savithri and K. Jayantha Rao (2012). Synergistic Effect of Cypermethrin and Sodium Fluoride on Liver tissues of Albino Mice. *Drug Invention Today*, 4(7): 401-405.
27. Venkateswarlu P, Savithramma N and **P Ravi Sekhar** (2012). Anti-ulcer activity of gum extract of *Boswellia ovalifoliolata* Bal. & Henry against aspirin, ethanol and indomethacin induced gastric mucosal injury in albino rats. *Int.J.Rev.Life. Sci.*,21(4): 120-125.
28. Khadar Basha S, **Ravi Sekhar P**, Sandeep V, Jayantha Rao K (2012). Hematological changes in albino mice under sodium fluoride. *Discovery Science.* 2 (6): 100-102.
29. Sandeep V, Kavitha N, Praveena M, **Ravi Sekhar P** and K. Jayantha Rao (2013).Effect of NaF on albino female mice with special reference to behavioral studies and Ach and AChE levels. *Int. J. Pharmacy & Life Sciences*; Jun2013, Vol. 4 (6): 2751.
30. Kavitha N, **Ravi Sekhar P**, Praveena M and K Jayantha Rao. (2013) Role of vitamin C against sodium fluoride toxicity on haematological profile in albino mice. *International Journal of Review In Life Sciences* (IJRLS): *Int.J. Rev. Life. Sci.*, 3(2): 27-31.
31. Sandeep V, Kavitha N, Praveena M, **Ravi Sekhar P** and K. Jayantha Rao (2014). Alterations of detoxification enzyme levels in different tissues of Sodium fluoride (NaF) treated albino mice. *Int. J. Advance Research*, 2 (1): 492-497.
32. Savithri Y, **Ravi Sekhar P**, Sravanthi P.S.S and K. Jayantha Rao (2014). Teratogenic effects of Sodium Fluoride and Cypermethrin Synergism in Albino mice. *Int. J. Chemical & Pharmasutical Sciences*. 2014, Mar., Vol. 5 (1).
33. Savithri Y, **Ravi Sekhar P** and Seethamma G. (2014). Histopathological changes of liver under acute toxic effect of chlorpyrifos in albino rats. *Int J Pharm Bio Sci* 2014 July; 5 (3): (B) 1011 - 1016.
34. Savithri Y, **Ravi Sekhar P**, Narasimha Rao C and Srineetha U. Toxicity of chlorpyrifos on protease and glutamate dehydrogenase enzyme activities in albino rats. *International Journal of Bioassays* 5.2 (2016): 4744-4747.

35. Savithri Y, **Ravi Sekhar P** and Sreekanth Reddy M. (2016). Acute toxicity of op pesticide chlorpyrifos on antioxidant enzymes in albino rats. Int. J. Pharm. Sci. Rev. Res., 37(1), March – April 2016; Article No. 13, Pages: 71-76.
36. Dr. Sachi Devi. P, Dr. D. Aruna Kumari, **Dr. P.Ravi Sekhar** and Dr.Y.Savithri (2018). Effect of sub- lethal dose of ethion on selected biochemical parameters in the liver of albino rat. IJRAR October 2018, Volume 5, Issue 4. Page No. 762-772.
37. Dr. Y. Savithri and **Dr. P. Ravi Sekhar** (2020). Importance of honeybees in ecosystem- causes for their deterioration- review. International journal of Entomology Research, vol5, issue2, 2020; Page No, 111-115.
38. **Dr. P. Ravi Sekhar** and Dr. Y. Savithri (2020). Fluoride Toxicity and its Control- A Review. International journal of Innovative Science, engineering and Technology, Vol.7, Issue3 March 2020.
39. **P. Ravi Sekhar** and Dr. Y. Savithri (2021), Impact of Environmental Pollution and Climate On Human Health, International journal of research and Analytical Reviews(IJRAR), December, Volume 8, issue 4 (E-ISSN 2348-1269, P- ISSN 2349-5138).Page No.894-911.
40. **Dr. Ravi Sekhri** and Savithri (2021).Role of Education in the empowerment of women in India (2022). Role of Education in the empowerment of women in India. NIU International Journal of Human rights
41. **Dr. P. Ravi Sekhar** and Dr. Y. Savithri (2022). Chlorpyrifos A Novel Pesticide To Cause Alternations In Protease Activity Of Albino Rat –A Research Review (IJRAR). March 2022.Volume 9, Issue 1 (E-ISSN 2348-1269, P- ISSN 2349-5138). Page No.340-351.
42. Dr. Y. Savithri and **Dr. P. Ravi Sekhar** (2022), Protective role of Magnesium malate and vitamin E Against Aluminium Chloride Toxicity on Antioxidant Enzyme activity in Albino Rats UGC Care Group 1, Volume11, Issue 2,2022.
43. Dr. Y. Savithri, **Dr. P. Ravi Sekhar**, J. Venkata Lakshi and Dr. B. Sreekanth (2022). Recent Advances in Humanities, commerce, Management, Engineering, Science and Technology (conference proceedings) ISBN:978-93-94819-14-6,vol II,30 September 2022, page No 133-138.
44. J. Venkata Lakshmi, B. Vaishnavi, Dr. Y. Savithri, **Dr. P. Ravi Sekhar** and Dr. B. Sreekanth (2022). Modern Life Style – Fatal Attraction, Woe to Human Health (conference proceedings) ISBN:978-93-94819-14-6,Vol II,30 September 2022, page No 133-138.
45. **Dr. P. Ravi Sekhar** and **Dr. Y. Savithri (2024)**. Pesticide Induced Oxidative Stress on Non-Target Organism *Labeo rohita*. International Journal of Ecology and Environmental Sciences. 50: 585-590, 2024 ISSN: 2320-5199 (Online); <https://doi.org/10.55d863/ijees.2024.0116>.
46. Dr. Y. Savithri, Dr. D. Aruna Kumari, **Dr. P. Ravi Sekhar** and G. L. N. Prasad (2024). Enzymatic responses in Liver and Kidney tissues of Fresh Water Carp *Labeo rohita* (Hamilton) Exposed to the Pesticides Cypermethrin and

Chlorpyrifos. International Journal of Zoological Investigations Vol. 9, No. 2, 1261-1268 (2023). <https://doi.org/10.33745/ijzi.2023.v09i02.141>

47. **Dr. P. Ravi Sekhar and Dr. Y. Savithri**, Toxic Effect of Synthetic Pyrethroid Pesticide (cypermethrin) and an Organophosphate Pesticide (chlorpyrifos) on Certain Parameters of fresh water carp Fish *Labeo rohita*. Journal of Advanced Zoology. ISSN: 0253-7214 Volume 44 Special Issue-2 Year 2023 Page 5031:5036.
48. **Dr. P. Ravi Sekhar**, Dr. Y. Savithri, K. Siva Prasad, Dr. S. Smitha and T. Sreedhar Murthy (2024). Synergistic Effect of Cypermethrin and Sodium Fluoride on Kidney Histo Pathology of Albino Mice. Journal of Advanced Zoology, ISSN: 0253-7214. Volume 44, Issue S-3 year 2023 page 1309-1313.
49. **P. Ravi Sekhar** and Y. Savithri. Acute toxic effect of sodium fluoride (NaF) on glycogen, protein and lipid contents in juvenile and adult fresh water carp fish *Labeo rohita*. Journal of Aquatic Biology and Fisheries.
50. Y. Savithri, **P. Ravi Sekhar**, Effect of Cypermethrin and Chlorpyrifos on enzyme activities in muscle and heart tissues of Indian major carp *Labeo rohita* (Hamilton, 1822). **Applied Biological Research**.
51. Ravi Sekhar, **Y. Savithri**, K. Siva Prasad, S. Smitha and T. Sreedhar Murthy (2023). Synergistic effect of Cypermethrin and Sodium Fluoride on Kidney Histopathology of Albino mice, Journal of Advanced Zoology, ISSN:0253-7214, Volume 44, Issue S3, Page No:1309-1313. <http://jazindia.com/index.php/jaz/article/view/1571>
52. Y. Savithri, **P. Ravi Sekhar**, T. Sreedhar Murthy, S. Smitha, P. Mahesh and B. Manaswitha (2023). The Impact of Technology on the environment: Promoting Sustainability and mitigating negative effects. International journal of Advance and Applied Research. ISSN:2347-7075. Volume 4, No:35, Page No:13-134.
53. Y. Savithri, **P. Ravi Sekhar**, T. Lavanya and D. Aruna Kumari (2023). Toxic effect of synthetic pyrethroid pesticide (cypermethrin) and an organo phosphate pesticide (chlorpyrifos) on certain parameters of fresh water carp fish *labeo rohita*. Journal of Advanced Zoology. Volume 44 (S2): 5031-5036. <http://jazindia.com/index.php/jaz/article/view/2542>
54. **P. Ravi Sekhar**, Y. Savithri D. Aruna Kumari and GLN Prasad (2023). Combined toxic effect of cypermethrin and chlorpyrifos on carbohydrate metabolism of fresh water carp fish *labeo rohita*. Uttar Pradesh J. Zool., Vol. 44 (23): 408-415. <https://mbimph.com/index.php/UPJOZ/article/view/3801>
55. Savithri Y, Aruna Kumari D, **Ravi Sekhar P** and Prasad G.L.N. (2023) Enzymatic responses in liver and kidney tissues of fresh water carp *Labeo rohita* exposed to the pesticides Cypermethrin and Chlorpyrifos. International Journal of Zoological Investigations. ISSN:2454-3055. Vol. 9(2): 1261-1268. <http://ijzi.net/Issue/1106436344IssueMS141.pdf>
56. **P. Ravi Sekhar**, Y Savithri, (2022). Synergistic Effect of Cypermethrin and Sodium Fluoride on Liver Histopathology of Albino Mice. IJFANS, 11 (13), Nov-2022: 25-30. <https://www.ijfans.org/uploads/paper/399a3f9cc0c568bd2d74f29c6bcbee2c.pdf>

57. Dr. D. Aruna Kamari, Dr. Y. Savithri and **Dr. P. Ravi Sekhar (2022)**. The Vital Role of Honey Bees: A Comprehensive Review on their Importance for Ecosystems and Agriculture. IJFANS,11 (11):4378-4383. <https://www.ijfans.org/uploads/paper/a79419bbcf5da0febb948ffdd8bdba09.pdf>

CONFERENCES / SEMINARS ATTENDED /PRESENTED

1. International Seminar on Medicinal Plants and Herbal Products during 7 - 9th March, 2008 at S.V.University Tirupati, India.
2. Madhava Rao, S., **Ravi Sekhar, P.**, Devaraju, T., Kishore, S., and K. Jayantha Rao (2008). Histopathological changes in *Rana hexadactyla* under Azadirachtin. National Seminar on Emerging trends in Biology & 25th Annual conference of ISCAP. Nagarjuna University. Guntur. 18-20th Nov. Oral presentation.
3. Jayasankar, A., **P. Ravi Sekhar** and K. Jayantha Rao (2009) Teratogenic effects of Fluoride in albino mice in three generations. International Symp. On Environmental Pollution, Ecology & Human health. July 25-27. Tirupati. P. 106. Oral Presentation.
4. Madhava Rao, S., **P. Ravi Sekhar**, T. Devaraju and K. Jayantha Rao (2009). Histological Changes of liver and muscle tissues of *Rana hexadactyla* under Azadirachtin toxicity with Transmission electron microscopy. International Symp. On Environmental Pollution, Ecology & Human health. July 25-27. Tirupati. P. 114. Poster presentation.
5. 76th meeting of biological Chemistry of India, Department of Biochemistry, S.V.University, Tirupati. 25-27, November. 2007.
6. XIII th All India Congress of Cytology and Genetics and International Symposium on Genomic and proteomic Approaches to decipher the molecular basis of Pathogenesis organized by Department of Zoology, Osmania University, Hyderabad. 28-30th December. 2008.
7. National Seminar on Recent Research trends in Synthetic organic and Natural products Chemistry (RRTSONPC-08). Department of Chemistry, S.V. University, Tirupati. February.25-26.2008.
8. U.G.C. Sponsored National Work shop on “Wild life Management” organized by the Department of Zoology, Sri Padmavathi Mahila University, Tirupati. 31st March 2008.
9. International Conference on Trends in Seri-Biotechnology, Department of Sericulture, S.K.University, Anantapur. 27-29 th March 2008.
10. National seminar on Emerging Trends in Biology. 25th Annual conference of Indian society for comparative animal Physiology, Organized by Centre for Biotechnology

and Department of zoology and Aquaculture, Acharya Nagarjuna University, Guntur. 18-20th march, 2008.

11. Society of Biological Chemists (India). 77th annual meeting on “ Impact of Basic and Translational Research on Medicine, Agriculture and Industry” organized by IIT Madras, Chennai. 18-20th 2008.
12. National work shop on “Influence of microbes on the earth environment and inhabitation” organized by Dept of Applied Microbiology, Sri Padmavathi Mahila University, Tirupati. on 23-24 July 2008.
13. National Workshop on Present Scenario of Wildlife Management in India, held on 20th and 21st Aug. 2009. Sri Padmavathi Mahila University, Tirupati.
14. Ravi Sekhar, P, Savithri Y, Madhava Rao, S and K Jayantha Rao. Combined toxicity of cypermethrin and sodium fluoride on body weights and testicular somatic index in albino mice. 2nd AP Science Congress “Science and Technology” Its role in changing global Scenario” Nov. 14-16, 2009. Pp 63. Tirupati. Poster Presentation.
15. International Symposium on Emerging trends in Biomedical and Nanobiotechnology: Relevance to Human Health, Department of Biotechnology, Acharya Nagarjuna University, Guntur, AP, India. December 19-21, 2009.
16. UGC sponsored National Seminar on Emerging Trends in Aquaculture Co-Sponsored by DST, Govt. of India 4th & 5th Sep. 2009. Hosted by Dept. of Zoology, D.N.R. College (Autonomous) Bhimavaram, AP.
17. National conference on Frontiers in biotechnology, School of Sciences Sri Padmavathi Mahila Viswavidyalayam, Tirupati. 27th & 28th March, 2010.
18. **Ravi sekhar, P.** Savithri, Y. Devaraju, Kishore, S and K. Jayantha Rao. Effect of cypermethrin and sodium fluoride on some male reproductive parameter in albino mice. International conference on environmental pollution, water conservation and health, July 29-31, 2010, Bangalore, India. Oral Presentation.
19. National Workshop on Advances in Modern Biology. Watson Life Sciences, Tirupati, held on 3-5, August, 2010.
20. Tulasi.G, **Ravi Sekhar. P** and K. Jayantha Rao (2011) Bioaccumulation of Chromium in different tissues of fingerlings of fish, *Cyprinus carpio*. National Symp. on Biodiversity and Environ. Nov.3-5: Gulbarga.
21. Ravi Sekhar P, Savithri Y, Kishore S and K. Jayantha Rao. Teratogenic effects of sodium fluoride and cypermethrin synergism in albino mice. International symposium on Environmental impacts, Health implications and Therapeutic approaches & a special symposium on water quality and Aquatic Biotechnology (ISEHT) July 15-17, 2012. Vikramasimhapuri University, SPSR Nellore, AP.
22. UGC Sponsored National seminar on Ethics and Human values. Organized by Govt. College UG & PG, Anantapur from 23 – 25, Nov. 2012.

23. National seminar on Environmental Governance at S.V.G.M. Govt. Degree College, Kalyanadurg. 22-23 February 2013.
24. UGC Sponsored National seminar on Reforms in examination system at under Graduate level at Govt. Degree College, Srisailam Project from 19 - 20 July, 2013.
25. Participated in District level Exhibition & Project competition -2013 under INSPIRE Award Scheme (Phase-III) held at S.S.B.N Jr. College, Anantapur from 27 -29 Nov.2013.
26. Ravi Sekhar P, Savithri Y, Balaji I and K. Jayantha Rao. Higher amount of fluoride may cause stunted growth in albino mice. International symposium Environmental pollution, Nutrition & Genetics, A special symposium on Cancer Biology & Therapeutics held at Vikrama simhapuri University, Nellore, A.P. India from 27-29 December 2013.
27. UGC Sponsored National seminar on Current trends in cultivable penaeid species in Indian Aquaculture systems (CPSIA-2014) on 3rd Feb. 2014, organized by Dept. of Marine living Resources, Andhra University, Visakhapatnam.
28. Ravi Sekhar P and Y Savithri. Conservation of Environment and Natural resources. National seminar on Conservation of Animal Biodiversity and Environmental monitoring, organized by Department of zoology, Vikramasimhapuri University-P.G. centre, Kavali, A.P.India. 11-12 March, 2014
29. Ravi Sekhar P and Y Savithri. Toxicity of organophosphore compound Chlorpyrifos on histopathology of liver in albino rats. National conference on Biodiversity, Environment Hazards, Therapeutic approaches and drug design, Organized by Dept. of Zoology, Govt. Degree College (W), Srikalahasthi, A.P. 26-27 July, 2014.
31. Ravi Sekhar P and Y Savithri. Fluoride induced Biochemical changes in Albino mice. National seminar on Recent trends in life sciences-2014. Organized by Dept. of Zoology, T.R.R G.D.C, Kandukur, Prakasam Dist.,A.P. 7-8, August, 2014.
32. UGC Sponsored National Seminar on “Molecular and Genetics Basis of Neurological Disorders” organized By Department of Zoology, Sri V.S.S.C. Government Degree College, Shar Road, Sullurpeta SPSR Nellore District, A.P.India, on 19th and 20th December 2014.
33. Inspire Internship Science Camp, Sponsored by Department of Science and Technology, Govt. of India
34. New Delhi held at S.K.R.& S.K.R. Govt. College for Women, Kadapa from December 20-24th 2014.
35. UGC sponsored National seminar on “Sustainability and Management of Aquatic Ecosystems in Semi-arid
36. Areas” organized by Department of Zoology, Government college for men (UG&PG), Ananthapur, A.P.India, on 7th and 8th January 2015.

37. Work shop on “Human values & Professional Ethics” Organized by Department of history, 24th January 2015, S.K.R & S.K.R Govt. College for Women.
38. UGC & APSCHE Sponsored National Seminar on “NanoMaterials and Global Perspectives” held at Govt. College for men (UG & PG), Ananthapuramu on 30 and 31st January 2015.
39. A two day National Seminar on “Role of Sports and Nutrition- its Impact on personality development” Organized by Department of Physical Education, Kesireddy Government College for Women, on 18th – 19th February 2015.
40. One Day National workshop on “Recombinant DNA (rDNA) Technology” organized by Department of Biotechnology, Govt. College for Men(A), Kadapa on 21st February 2015.
41. UGC- Sponsored National Workshop on “Ethics in Indian politics”, by Centre for promotion of Ethics and Human Values, Govt. college (UG&PG), Ananthapuram, on 10th march 2015.
42. National Seminar on “Human values & Professional Ethics ” Sponsored by UGC New Delhi organized by department of Political Science, K.S.G.N. Govt. College for Women, Ananthapur on 31st march, 2015.
43. UGC- Sponsored National symposium “Atrocities on women an Ethical Intrasppection” by Centre for Promotion of Ethics and Human Values, Govt. College (UG&PG), Ananthapur on 19th April 2015.
44. UGC-Sponsored National Workshop on Human Values and Professional Ethics, Department of Centre for promotion of Ethics and Human values, Govt. College (UG&PG), Ananthapuramu on 2nd May, 2015.
45. NAAC Sponsored National Seminar on” Innovative and Creative Teaching, Learning & Evaluation Methods” held at SVGM Govt. Degree College, Kalyandurg on 6th & 7th August 2015.
46. State level seminar on Quality Enhancement in Govt. Degree colleges-Role of teachers, Government College Teachers Association, A.P., held at Dr. Dr. B.R. Ambedkar Assembly Hall, Andhra University, Visakhapatnam on 10th October, 2015.
47. ICHR sponsored National Seminar on Rayalaseema Identity Development and politics from 1953-2014, organized by Department of History, Government college for women, Kadapa, A.P. on 5th & 6th December 2015.
48. A one day national Symposium on Prospects and Potentials in Medicinal & Aromatic plants, organized by Department of Botany, Government college for (UG&PG), Ananthapuramu in collaboration with Science Tech Foundation, Bangalore on 19th December, 2015.
49. UGC Sponsored National Seminar on Gender Equality in contemporary India: Issues and Challenges organized by Women Empowerment cell, Government college(UG&PG), Ananthapuramu on 2nd January 2016.

50. Three Day UGC-SERO Sponsored National Workshop on Human values and professional Ethics (NWHVPEIFSN-2016) FROM 24-26TH January 2016 organized by the Value Education cell at Multipurpose Hall, Layola Degree College (YSSR), Pulivendula.
51. Attended and presented a paper entitled “Child Trafficking in India” in the ICSSR sponsored International Conference on Human Trafficking in Asian Countries: Dynamics and dimensions held on 10-12 August, 2016 at Govt. College (UG&PG:Autonomous), Anantapuramu, A.P.
52. Attended and presented a paper entitled “Nanotechnological Applications in Fisheries and Aquaculture” in the National seminar on Recent Trends in Nanotechnology and Aquaculture Technologies held on 18th & 19th August, 2016 organized by department of Aquaculture, S. V. University, Tirupati.
53. Attended and presented a paper on “Climate change on Indian Agriculture” in National conference on “Food security Issues and Environmental Challenges for Indian agriculture in the Next Decades” held on 19-20th November 2016 at Punjab University, Chandigarh.
54. Attended and presented a paper entitled “Food habits and development of cancer” in the International Seminar on Environmental Conservation and Human Health - Challenges and Strategies held on 21st -23rd December, 2016 organized by Dept. of zoology, S. V. University, Tirupati.
55. Attended and presented a paper entitled “Digital governance- Make in India” in National seminar on Make in India- initiative a swot Analysis on 22-23th 2016 at GDC(A), Ananthapuramu.
56. Attended to one day National workshop on “Happiness initiative for youth empowerment” on 7th December 2016 organized by Department Resource Centre, GDC(M), Kadapa.
57. Attended and presented paper on “Food habits and development of cancer” In national seminar on “Cancer biology” on 9th – 10th December 2016 at silver jubilee college (A), Kurnool.
58. Attended national workshop on “English Language and literature- A synchrony” on 29-30 December 2016 at Govt. college for Men(a), Kadapa.
59. Attended and submitted a paper on protective role of magnesium malate and vitamin- e against aluminium chloride toxicity in albino rats in Indian Science Congress association on 3-7th January 2017, at Sri Venkateswara university, Tirupati.
60. Attended and presented paper on biodiversity Trends and causes of biodiversity loss in National seminar “wild life conservation-Endangered species” on 20-21st January 2017 at Govt. college for Men(A), Kadapa.
61. Attended and submitted a paper on protective role of magnesium malate and vitamin- e against aluminium chloride toxicity in albino rats in in National seminar on Modern trends in Chemistry Research on 27-28th January 2017 at Govt. college for Men(A), Kadapa.

62. Attended to NHRC sponsored one day training programme on “rights of women” on 8th February 2017 at Dept. of psychology, Y. V. University, Kadapa.
63. Attended and presented a paper on Role of Information Communication technology in women empowerment on 9-10th February 2017, organized by women empowerment cell, GDC(A), Ananthapuramu.
64. Attended and presented a paper on Biodiversity and sustainable development in National seminar on “Green wealth for global health” on 15-16th February 2017 organized by department of Botany, Dr. V. S. Krishna College, Visakhapatnam.
65. Attended and presented a paper on A- Review on Nanotechnology applications for the sustainable development in fisheries and aquaculture in National seminar on Advanced trends in Material sciences, on 10th March organized by department of Physics, GDC Men (A), Kadapa.
66. Attended and presented a paper on insect biodiversity and economic importance in National seminar on Insect Biology and conservation management on 14-15th March 2017 organized by department of Zoology, Y. V. University, Kadapa.
67. Science Academics Workshop on “Recent trends in taxonomy and Biodiversity conservation” on 12th- 13th July 2017 organized by department of Botany, Govt. College for Men (A), Kadapa.
68. Science Academics lecture workshop on Trends in conservation of Biodiversity on 24th 25th August, 2017, organized by Department of zoology, PVKN Govt. College, Chittoor.
69. UGC Sponsored National Seminar on Role of Women on Contemporary issues and challenges National perspectives” Organized by Women Empowerment cell, Govt. College, Anantapur on February 2018.
70. Science Academics Lecturer Workshop on “New horizon in Genetics” Organized by Dept. of Zoology, Y.V.University, Kadapa on 7-8th February 2018.
71. Participated in National Seminar on “Biodiversity Trends and causes of Biodiversity Loss” Govt. College (A), anantapur on 4-5th January 2019.
72. National seminar on “A code of Ethics and Ethical challenges for the life sciences” Organized by Dept. Of Biotechnology, Kuppam University on 28-29th March 2019.
73. Participated in one day National Seminar on “Emerging trends in Material and Environmental science” organized by Department of chemistry Government Degree and PG College, Puttur on 27th September 2019.
74. Participated in the “National Workshop on fish diseases and Health Management in the Aquaculture (FDHMA-2020), Organized by Department of Zoology, Yogi Vemana University, Kadapa on 31st January 2019.
75. Participated in one day National Seminar on “Emerging trends in Material and Environmental science” organized by Department of chemistry Government Degree and PG College, Puttur on 27th September 2019.

76. Participated in the “National Workshop on fish diseases and Health Management in the Aquaculture (FDHMA-2020), Organized by Department of Zoology, Yogi Vemana University, Kadapa on 31st January.
77. Participated in one day National Webinar on “ Impact of SARS-coV-2 on Human Life: preparedness for the PANDEMIC (COVID-19) organized by Department of Zoology, Government Degree college , Ravulapalem on 11th May 2020.
78. participated in Two days International Webinar on "Nutrition and Immune System Support During COVID-19 Pandemic" organized by Department of Home Science, Sri Padmavati Mahila Visvavidyalayam, Tirupati, from 15th – 16th June 2020.
79. Participated in the National Webinar entitled “Impact of COVID-19 on Biodiversity and its Conservation” on June 10,2020 organized by the Department of Botany and Research Department of Zoology, Seethalakshmi Ramaswami college, tiruchanapalli.
80. Participated in International Webinar on “Nutrition and Immune System Support during Covid-19 Pandemic” Organized by Dept.of Home Science, Sri Padmavathi Mahila Visva vidyalayam, Tirupati from 15-16 June 2020.
81. Participated in one day National webinar on “ Education tools for online Learning in chemistry” Organaized by the Department of chemistry and IQAC, St,Joseph’s College for Women(A), Visakhapatnam, on 18th June 2020.
82. Participated in “National Webinar on Intellectual Property rights (IPR) and Patents” organized by IQAC , Govt. College for Men, Kurnool on 24-6-2020.
83. Participated in one day international webinar on “Advances in in Translational Cancer Research and Therapeutics” Organized by Biosciences and Biotechnology by Krishna University on 25 – 7 – 2020.
84. Participated in the One-Day National Webinar on ONLINE TOOLS FOR BUILDING COMMUNICATION SKILLS organized by the Department of English, Government Degree College for Women, Srikalahasti, Chittoor District, Andhra Pradesh, on 28th JULY, 20.
85. Participated in the International webinar on” Food Science, Nutrition and Global Security-(FNGPS-2020)” Jointly organized by the Dept. of Food Technology, Vikrama Simhapuri University Nellore and Faculty of Agro Based Industry, University of Malasia Kelatan (LMK), Malaysia on 3rd September 2020.
86. Participated in virtual talk on “Inspirational Leadership and Motivation” by Shiv khera, Organized by Indira Gandhi National Open University, New Delhi on 28th September 2020.
87. Participated in one day workshop On “Research Updates on” Ketodiet- Safety issues and challenges” Organized by Department of Home sciences and Institute of Pharmaceutical Technology with center for Translational Research, Sri Padmavathi Mahila Visvavidyalayam, Tirupai on 10th October 2020.

88. Participated in the National Webinar on “ U studiesnderstanding Sublatern studies- A panel Discussion” Organized by the Department of History, S.K.R.& S.K.R. Govt. College for Women(A), Kadapa on 26th October 2020.
89. Participated in International Webinar on “COVID-19, A PANDEMIC OF CORONAVIRUS: PROGRESS IN THERAPEUTIC AND VACCINE DEVELOPMENT” organised by the Department of Zoology, SR&BGNR GOVERNMENT ARTS & SCIENCE COLLEGE(A) : KHAMMAM TELANGANA STATE : INDIA, on 31/10/2020.
90. Participated in ONE DAY NATIONAL WEBINAR ON "WILDLIFE CONSERVATION IN INDIA" organized by the Department of Zoology, SR&BGNR Government ARTS & Science College(A) : Khammam, Telangana State : INDIA on 06th November 2020.
91. Participated in National Webinar on “RECENT TRENDS IN Ethnobotanical & Phytomedicine” organized by the Department of Botany, SR&BGNR GOVERNMENT ARTS & SCIENCE COLLEGE(A): KHAMMAM TELANGANA STATE : INDIA on 17/11/2020.
92. Participated in International webinar “Here Be Dragons! Planning for Land Cover and climate Change threats to Plants” Facilitated by Dr. Debbie Jewitt, Ecosystem Ecologist, Ezemvelo KZN Wildlife, University of Witwatersrand, South Africa, Organized by Biodiversity Conservation Foundation (BCF-India) held on December 6 2020.
93. Participated online quiz on “Zoology general Topic” on the eve of National Farmers day, Organized by Dept. of Zoology, S.K.P.Govt. Degree college, untakal on 23-12-2020.
94. Participated in a National Webinar on “Health and Environment at Pandemic times” Organized by Centre for Environmental Education and Ecological Development (CEED), India inCollaboration with Department of Environmental Sciences, Acharya Nagarjuna Univerity, guntur on 9th January 2021.
95. Participated in National Webinar on Emerging Prospects of Phyto-nutrients, Phyto-medicines for human health – Covid19” Organized by Department of Botany, Government College for men(A), Hyderabad, Telangana state, India on 18th January 2021.
96. Participated in International Webinar on “Urban forming- cultivation of Medicinal Plants in Hydroponics” Organized by SLI International Web Casting Centre, Dept.Of Botany, Sri Venkateswara University, Tirupati on 27th March 2021.
97. Participated in International Webinar Fa- Eira a side event pf United Nations Frame work Convention on Climate change’s ACE YOUTH FORUM on July 2021.
98. Participated in Workshop on “Virtual and Online Labs for Practical Work:An Extension of ICT toolos” Conducted by Government college for men(A), Kadapa in Collaboration with Sir CV Raman Science Club, Kadapa On 25-07-2021.

Declaration:

I here by declare that all the above stated information is true and correct to the best of my knowledge.

(P. RAVI SEKHAR)