

PERSONAL PROFILE

Dr. Y. SAVITHRI

Associate Professor

Department of Zoology

Govt.college For Men(A), Kadapa.

Mobile: +91 –8985513433

Email: drysavithri@gmail.com



Discipline: Biological Sciences

PERSONAL DETAILS

Name	: Dr. Y. SAVITHRI
Designation	: Associate Professor,
Qualifications	: M.Sc, B.Ed., Ph.D.,
Date of joining in the Service	: 24-12-2011
Date of retirement	: 30-08-2044
Teaching Experience	: 15 years
Email	: drysavithri@gmail.com
Contact No	: 8985513433

ACADEMIC PROFILE

Area of Research : Reproductive Toxicology

Research Experience: 7 Years

Title of the Ph. D Thesis : “Toxic effect of organophosphate compound chlorpyrifos on hematological, protein metabolism and cytoarchitectural studies”

ACADEMIC QUALIFICATIONS

Course	Board/ University	Year of Completed	Subjects	Division
B.Sc.,	S.V.University, Tirupati	2003	Botany, Zoology, Chemistry	First
B.Ed.,	S.V.University, Tirupati	2010	Bio Science	First
M.Sc.,	S.V.University, Tirupati	2005	Zoology	First
Ph.D.,	S.V.University, Tirupati	2009	Zoology	Awarded

Services Extension Activities:

- Coordinator, DBT Star College Scheme Coordinator
- Convener for PG Programmes
- Coordinator, National Service Scheme (NSS)
- Convener for research Forum
- Convener, Human value cell
- Convener for DRC
- NCC care taking offices

AWARDS / FELLOWSHIPS

- Selected for **JUNIOR SCIENTIST OF THE YEAR AWARD-2016**, by National Environmental Science Academy, New Delhi in the Year 2016.
- **Inter National Adroit Young Scientist Award 2021** by Green ThinkerZ International Awards 2021.
- **Received Best Scientist Award (National Faculty Award 20210-2022)** from Novel Research Academy, Puducherry, India.
- Selected for **Scientist of the Year Award** from NESA.
- **Received Guru Spandana Puraskar** from Spandana Eda International Academy.
- **Received Humanity Award From Khoon ka Rishta Charitable trust For Blood donation to the needy people.**
- Selected for **Scientist of the Year Award** from NESA.
- Selected for **UGC –Women Post-Doctoral Fellowship (PDF) in 2012**

ORGANIZED SYMPOSIA / SEMINARS

- Organized UGC sponsored National Seminar on “wild life Conservation-Endangered species” as Organizing Secretary on 20-21st January 2017 at Govt. college for Men (A), Kadapa.
- Organized a workshop on “Fold Scope – A Revolutionary Tool for Biologist” on 27.07.2022 as organizing secretary
- Organized an international e-conference on Youth Indigenous people knowledge system practices health, education, environment sustainable development on 14.08.2023 in association with Sri Holistic Health Foundation, Sri Research Institute and Center for arts, sciences and wellbeing.

- 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 Convener.
- Organized an International E-Conference on Environmental Challenges for a Sustainable World on 27.07.2024 Association with ECOR Foundation as Convener.

RESEARCH PROJECTS

- **Sponsored by MRP-5908/15 (SERO/UGC), Janaury. 2015**

Minor Research Project: Protective Role Of Magnesium Malate And Vitamin-E Against Aluminium Chloride Toxicity In Albino Rats.

Project Status: completed (Settled).

- **Principal Investigator DBT Star College worth of Rs.1,28,67,424/- by Department of Biotechnology, Ministry of Science and Technology, New Delhi.**

RESEARCH GUIDANCE

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

MEMBERSHIPS IN PROFESSIONAL SOCIETIES AND GOVERNING BODIES

S.No.	Name of the Professional Society/Body	Type of Member
1	The Indian Science congress Association	Life Member
2	National Environmental Science Academy	Life Member
3	Indian Society of Comparative Animal Physiology	Life Member
4	ECOR Foundation	Life Member
5	Global Professors Society	Life Member

Social sites information:

Vidwan: 74697

ORCID: <https://orcid.org/0000-0001-7263-8407>

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

Google scholar ID: <http://scholar.google.co.in/citations?user=78>

Linked in: <https://www.linkedin.com/in/dr-savithri-yerragudi-11a2b61b3/>

FB profile: <https://www.facebook.com/savithri.yerragudi>

YouTube channel Information:

<https://www.youtube.com/channel/UCdDZfc1DOtCUjJgMjSQ7tiw>

I 10-index of the faculty (Refer to Google Scholar):6

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

Google scholar citations:139

BOOKS AUTHORED AND PUBLISHED

S. No.	Title of the Book	Title of the Book Chapter
1	Advances in Biological Sciences and Biotechnology	Recent Advances in Biotechnology to Conserve Biodiversity.
2	Women in Today World.	Role of Women Education Towards Gender Equality.
3	Science of Environment	Environment Pollution, Impact and Preventive Methods.
4	Contribution of Renewable Energy in Energy Security	"Emerging Trends in Life Sciences (Volume - 1)".
5	Recent Advances in Biotechnology to Conserve Bio Diversity	"Advances in Biological Sciences and Biotechnology (Volume - 4)" having ISBN 978-93-93502-42-1.
6	Covid-19 Pandemic: A disaster	Effect of Immunodietory compounds against COVID19: A Review

PROFESSION DEVELOPMENT ACTIVITIES:

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	5-11-2012 to 3-12-2013
3	Professional Development Programme in e- Learning	UGC ASC University of Hyderabad.	23-8-2012 to 29-8-2012
4	Training programme on Environmental governance to combat climate change	Dr.MCRHRD, Hyderabad.	16-02-212 to 18-02-2012
5	Human value cell Training	RJUKT, HCU, Hyderabad.	19-5-2013 to 24-5-2013
6	Training Programme on	Dr. MCRHRD, Hyderabad.	19-12-2013 to 22-12-

	values and Ethics in public governance		2013
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
10	Faculty Development Programme	Electronics and ICT Academy and IIITDM, Kurnool.	6-5-2019-11-5-2019
11	Hands on training Programme on Diagnostic techniques in Aquatic animal health management	College of Fisheries a sciences, Sri venkateswara Veterinary University, Muthukur, 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	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
14	Three Day Online Faculty Development Programme on ELearning Management System	Yogi Vemana University, Kadapa, Andhra Pradesh.	29 to 1 st July 2020
15	Refresher Course (RC)	Mizoram University, Mizoram.	7-20 th July 2020
16	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.
17	Five Day Faculty Development Programme in LMS Video and Pedagogy	Commissionerate of Collegiate Education, A. P. Vijayawada.	3-7 th August 2020

18	Five Day Lecture series	SGK Govt. College, Guntur.	11-15 October 2020
19	Refresher Course (RC)	Sri Venkateswara University, Tirupati.	24-2-2021 to 9-3-2021
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
20	AICTE sponsored six days Short term training programme on “Comprehensive village development –Feasibility and sustainability.	Indo global college of Architecture, Abhipur, New Chandigarh.	25-30 October 2021
21	One week Online Faculty Development Program on “National Educational policy-2020:A Road map for Future India	Guru Gobind Singh Indraprastha University, School of Education.	25-31 st October 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

29	Participated in Five Day Master Trainers Training Program on Content delivery and assessment methods	Govt. Of A.P, of Commissionerate Collegiate Education	26-09-2022 to 30 -09-2022.
30	Completed Swayam NPTEL Online Course on Animal Physiology	IIT, Kharagpur	July to October 2022
31	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

RESEARCH PAPERS PUBLISHED : 51

1. **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>.
2. **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>
3. 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.
4. **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.
- 5.
6. 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**.
7. **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. Communicated.**
8. 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>

9. **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.
10. **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>
11. 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>
12. **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>
13. 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>
14. 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>
15. 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 Vol II, 30, page No 133-138.
16. **Dr. Y. Savithri**, Dr. P. Ravi Sekhar, J. Venkata Lakshmi and Dr. B. Sreekanth (2022). Impact of Recent advances of humans on Health and Environment. 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.
17. **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, Int. Journal of gender, science Technology **UGC Care Group 1**, Volume 11, Issue 2, 2022. https://ijgst.com/pdf/vol-11-iss-2/3_IJGST.pdf

18. **Dr. Y. Savithri, Dr. P. Ravi Sekhar, J. Venkata Lakshmi and Dr. P. V. Krishna Reddy (2022).** Renewable energy resources and their role in Sustainable development. Mukta Shabd journal, ISSN No:2347-3150, Volume XI, Issue VIII, August 2022. Page No:672-681.
<https://app.box.com/s/j9uov9kivysggr27qvzmp3p9mx667a2k>
19. **Dr. Y. Savithri and Dr. P. Ravi Sekhar (2022),** Role of Education in the empowerment of Women in India, NIU International Journal of Human Rights, ISSN 2394-0298 volume 9 (VII),2022, Page No 27-30 (**UGC Care listed**).
20. Dr. P. Ravi Sekhar and **Dr. Y. Savithri (2022).** Chlorpyrifos A Novel Pesticide To Cause Alterations 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.
21. Dr. P. Ravi Sekhar and **Dr. Y. Savithri (2021),** Impact of Environmental Pollution and Climate On Human Health, International journal of research and Analytical Reviews(IJAR), December, Volume 8, issue 4 (E-ISSN 2348-1269, P- ISSN 2349-5138).Page No.894-911.
22. 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. (**UGC care listed**).
23. **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(**Web Of Science**).
24. 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. IJAR October 2018, Volume 5, Issue 4. Page No. 762-772.
25. **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.
26. **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.
27. **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.
28. **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, March Volume 5(1), Page no 61-67.

29. **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.
30. D. Sreevani, T. Devaraju, P. Ravi Sekhar, **Y. Savithri**, K. Nagalakshumma and N. Yasodamma (2011). Antihyper glycaemic activity of leaf extracts of *Syzygium alternifolium* (weight) Walp. And *Syzygium cumini* (Linn) Skeels in STZ induced diabetic rats. *The Ecoscan*, Special issue, vol.1: 93-97.
31. **Savithri Y**, Ravi Sekhar P, Jacob Doss P. Biochemical and Histopathological Changes in Liver due to Chlorpyrifos Toxicity in Albino Rats. *Journal Of The Indian Society Of Toxicology (JIST)*, Vol 006 Issue 002 Jul-Dec 2010.
32. Madhava Rao S, P. Ravi Sekhar, **Y. Svithri**, R. Jayakumar and K. Jayantha Rao (2010). Effect of azadirachtin on protein profiles in muscle and kidney tissues of *Rana hexadactyla*. *Indian Journal of Environmental Sciences* 14(2): 111-116.
33. Ravi Sekhar P, **Y. Savithri**, S. Kishore, A. Jayasankar and K. Jayantha Rao (2010). Synergistic effect of sodium fluoride and cypermethrin on somatic index and histopathology of testis of albino mice. *Fluoride*. 44(2): 103-111, 2011.
34. **Savithri Y**, Ravi Sekhar P and P. Jacob Doss. 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, 2010.
35. **Savithri Y**, Ravi Sekhar P and P. Jacob Doss. Toxicity of chlorpyrifos on total proteins, free amino acids and aminotransferase activity levels in liver and kidney tissues of albino rats. *Int. J. Pharmacolo. & Biol. Sci.* Vol 4(3):
36. **Savithri Y**, Ravi Sekhar P, Kishore S and P. Jacob Doss. Effect of organophosphorus pesticide chlorpyrifos on ammonia and urea levels in albino rats. *Indian J. Comp. Animal Physiol.* 28(1): 120-126.
37. **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.
38. 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.
39. 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.* Vol 4(2): 57-66.
40. 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 Sciences*, Vol. 1 (2): 15-23.
41. 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.
42. P. Ravi Sekhar, **Savithri Y**, Nagarjuna A, Madhava Rao S, Pushpa Raj CJ and Jayantha Rao K. Effect of Cypermethrin on selected dehydrogenase Enzymes

- in Muscle and Heart Tissues of Albino Rats. J.of Indian Society of toxicology (JIST) Vol. 5 (1st Issue), pp. 1-5, (2009).
43. S. Madhava rao, Ravi sekhar, P. **Savithri**, Y.and K. Jayantha Rao. Toxicity of azdirachtin on carbohydrate metabolic profiles in *rana hexadactyla*. Bull. Env. Sci. Vol. XXVIII (1st Issue), pp. 61-66, 2009.
 44. P.Ravi sekharj. Pushpa raj CJ. **Savithri**, Y. Madhava rao,S and K. Jayantha rao. Alterations In Oxidative Enzymes In Liver And Kidney Tissues Of Albino Rats Under Cypermethrin toxicity. Bull. Biol.Sci. Vol. VII (1st Issue), pp. 25-31, 2009.
 45. P. Ravi Sekhar, **Savithri**, Y. Kishore, S. Jacob Doss, P and K. Jayantha rao. Effect of cypermethrin on total carbohydrates, glycogen, pyruvate and lactic acid contents in liver and kidney tissues of albino rats. Asian J. Envi. Sci; 4(1) : 24-28,2009.
 46. A. Nagarjuna, Rajendra Prasad, S. **Savithri**, Y. Siraj Mohiyuddin, S and P. Jacob doss. Cypermethrin on protein metabolic profiles in rat kidney. The Asian J. of animal Sciences. 3(2) 179-183.
 47. A. Nagarjuna, Rajendra Prasad, S. Siraj Mohiyuddin, S. Jay Kumar, R. **Savithri**, Y and P. Jacob Doss (2008). Effect of cypermethrin on haematological profiles in a albino rat. Asian J. of Microbiol. Bio tech. Env. Sc. Vol. 10(3): 547-550.
 48. Jacob Doss , P. Ramanaiah , S. Nagarjuna , A. Suhasini , **N. Savithri** , Y And S. Rajendra Prasad (2007). Toxicity of cypermethrin on brain and liver of fresh water edible fish *Labeo rohitha* with special reference to biochemical parameters . Indian Journal .of Environmental Science. Vol 11(1):23-27.
 49. C. Narasimha Rao, S. Rajendra Prasad, P. Ravi Sekhar, **Y. Savithri** and P.Jacob Doss (2007). Impact of corticosterone on carbohydrate metabolism of silkworm larvae *Bombyx mori*., J. Natcon 19(2): 333-338.
 50. Jacob Doss , P. Ramanaiah , S. Nagarjuna , A. Suhasini , **N. Savithri** , Y And S. Rajendra Prasad (2007).Effect of cypermethrin on various tissues in fresh water edible fish *Labeo rohitha* with special reference to biochemical parameters .Aquacult.Vol .8 (1): 69-77.
 51. Jacob Doss, P. Nagarjuna, A .Suhasini, **N. Savithri** , Y . Dayanand,Y . Rajeswara Rao, M. (2006). Impact of Monocrotophos on albino rat neuronal nitric oxide synthase activity *in vitro* . J .Natcon .18(2):305-3

Participated/ Presented papers in Various Symposia/Seminar:

1. 76th meeting of biological Chemistry of India, Department of Biochemistry, S.V.University, Tirupati. 25-27, November. 2007.
2. 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.
3. 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.

4. International Seminar on Medicinal plants and herbal Products, Department of Botany, S. V. University, Tirupati. 7-9 th March 2008.
5. 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.
6. International Conference on Trends in Seri-Biotechnology, Department of Sericulture, S. K. University, Anantapur. 27-29 th March 2008.
7. 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. 18-20thOctober, 2008.
8. 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.
9. 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 July2008.
10. National work shop on “Emerging trends in Biotechnology” organized by Dept. of Biotechnology, Sri Padmavathi Mahila Visvavidyalayam, Tirupati. On 29th March 2008.
11. International Symposium on Environmental Pollution Ecology and Health 25-27 July 2009, Organised by Department of Zoology, S.V. University, Tirupati.
12. National Workshop on Present Scenario of Wild life Management in India 20 & 21 August 2009. Department of Sericulture, Sri Padmavathi Mahila Visvavidyalayam, Tirupati.
13. 2nd AP Science Congress “Science and Technology: Its role in changing global Scenario” Nov. 14-16, 2009. Tirupati.
14. 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.
15. Internatinal Symposium on “Emerging trends in Biomedical and Nanobiotechnology: Relevance to Human Health” Department of Biotechnology, Acharya Nagarjuna University, Gunture, AP, INDIA. December 19-21, 2009.
16. International conference on “Environmental pollution, water conservation and health” July 29-31, 2010, organized by Dept. of Zoology, Bangalore University, Bangalore. India.
17. Environmental impacts, health implications and therapeutic approaches (ISEHT-2012), on july 15-17, 2012 Vikrama Simhapuri University, Nellore.
18. Biodiversity approaches for conservation on 12th march, 2012, in Department of zoology, Yogi Vemana University, Kadapa.

19. One day work shop on Recent advances in structure and ligand based drug design, on 6th December 2012, Yogi Vemana University, Kadapa.
20. National seminar on Environmental Governance at S.V.G.M. Govt. Degree College, 2013, Kalyanadurg on 22-23 February, 2013.
21. UGC Sponsored National seminar on Reforms in examination system at under Graduate level at Govt. Degree College, Srisailem Project from 19 - 20 July, 2013.
22. National seminar on Physiology, ethno pharmacology biotechnology and health therapeutics on 17-19th December, 2013, Sri Venkateswara University, Tirupati.
23. 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.
24. UGC-Sponsored National Seminar on “Recent Trends in Biology and its Applications”, Organized by Department of Botany and Zoology, S.K.P. Government College, Guntakal, Ananthapurmu Dist, A.P. on 29th January 2015.
25. Two day National Seminar on “Need for Reform: Examination aspects at under graduate level in Andhra pradesh” G.V.R.S. Govt. Degree College, Dhronachalam, Kurnool District from 30-31st January 2014.
26. 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.
27. National Seminar on Conservation of Animal biodiversity And Environmental Monitoring organized by Department of Zoology, Vikrama Simhapuri University, P.G. centre, Kavali, A.P. India., on 11-12th March 2014.
28. UGC sponsored National Seminar on “Emerging Trends in Environmental science and Technology” Dept. of Environmental Science, Y. V. University Kadapa from 14-15th march 2014.
29. National Conference on “Biodiversity, Environment Hazards – Therapeutic Approaches and Drug design” Organized by Department of Zoology, Government College for Women, Srikalahasthi, A.P., India on 26th – 27th July 2014.
30. National Seminar on Recent Trends in Life sciences 2014, Organized by Department of Zoology, T.R.R. Government Degree College, Kandukur, A.P., India on 7th -8th August 2014.
31. 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.
32. Inspire Internship Science Camp, Sponsored by Department of Science and Technology, Govt. of India New Delhi held at S.K.R. & S.K.R. Govt. College for Women, Kadapa from December 20-24th 2014.

33. UGC sponsored National seminar on “Sustainability and Management of Aquatic Ecosystems in Semi-arid Areas” organized by Department of Zoology, Government college for men (UG&PG), Ananthapur, A.P. India, on 7th and 8th January 2015.
34. 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.
35. 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.
36. 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.
37. One Day National workshop on “Recombinant DNA (rDNA) Technology” organized by Department of Biotechnology, Govt. College for Men(A), Kadapa on 21st February 2015.
38. 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.
39. 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.
40. 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.
41. 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.
42. NAAC Sponsored National Seminar on “Innovative and Creative Teaching, Learning & Evaluation Methods” held at SVGM Govt. Degree College, Kalyandurg on 6th & 7th August 2015.
43. 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.
44. 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.
45. 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.

46. 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.
47. 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.
48. 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.
49. 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.
50. 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.
51. 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.
52. 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.
53. Attended to one day National workshop on “Happiness initiative for youth empowerment” on 7th December 2016 organized by Department Resource Centre, GDC(M), Kadapa.
54. 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.
55. Attended national workshop on “English Language and literature- A synchrony” on 29-30 December 2016 at Govt. college for Men(a), Kadapa.
56. 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.
57. 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.

58. 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 atGovt. college for Men(A), Kadapa.
59. Attended to NHRC sponsored one day training programme on “ rights of women” on 8th February 2017 at Dept. of psychology, Y. V. University, Kadapa.
60. 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.
61. 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.
62. 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.
63. 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.
64. Science Academics Workshop on “Recent trends in taxonomy and Biodiversity and conservation” on 12th- 13th July 2017 organized by department of botany, Govt. College for Men (A), Kadapa.
65. Science Academy Lecturer workshop On”Trends in conservation Biodiversity” on 24-25th August organized by Dept. Of Botany, P.V.K.N. Govt. College, Chittoor.
66. UGC Sponsored National Seminar on Biodiversity Conservation, Emerging trends and Challenges Organized by the Dept. of Zoology, Govt. College (A), Anantapuramu on 5-6th October.
67. Participated in UGC Sponsored National Seminar ON “Ethical Issues That arise from the rapid development of biological and environment sciences” Organized by Dept of Botany, D.K.Govt.Collegefor Women(A), Nellore on 15-16th September 2017.
68. 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.
69. Science Academics Lecturer Workshop on “New horizon in Genetics” Organized by Dept. of Zoology, Y.V.University, Kadapa on 7-8th February 2018.
70. Participated in National Seminar on “Biodiversity Trends and causes of Biodiversity Loss” Govt. College (A), anantapur on 4-5th January2019.
71. 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.

72. 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.
73. 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.
74. 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.
75. participated in Two days International Webinar on "Nutrition and Immune System Support During COVID-19 Pandemic" organized by Department of Home Science, Sri Padmavathi Mahila Visvavidyalayam, Tirupati, from 15th – 16th June 2020.
76. 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.
77. Participated in one day National webinar on “ Education tools for online Learning in chemistry” Organized by the Department of chemistry and IQAC, St,Joseph’s College for Women(A), Visakhapatnam, on 18th June 2020.
78. Participated in “National Webinar on Intellectual Property rights (IPR) and Patents” organized by IQAC , Govt. College for Men, Kurnool on 24-6-2020.
79. Participated in one day international webinar on “Advances in Translational Cancer Research and Therapeutics” Organized by Biosciences and Biotechnology by Krishna University on 25 – 7 – 2020.
80. 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.
81. 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.
82. 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.
83. 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.

- 84.** Participated in the National Webinar on “ U studies understanding Sublateral 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.
- 85.** 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.
- 86.** 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.
- 87.** 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.
- 88.** 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 edutech and NEPFoundation (BCF-India) held on December 6 2020.
- 89.** 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, Guntakal on 23-12-2020.
- 90.** Participated in One day National Webinar on” Edu-Tech and NEP202:A Futuristic Insight” Organized by Department of Education, Kandiraj College, Mushirabad on 24-10-2021.
- 91.** Participated in International Webinar on ”Research methodology” Organized by Department of Physics, Chemistry in association with IQAC, Y.V.N.R. Government Degree College, Kaikaluru, Krishna District on 18-19th November 2021.
- 92.** Participated in International E- Conference on Sustainable and Futuristic materials(SFM-2021) Organized by International Research Centre and Department of chemistry, Kalasalingam Academy of research and Education, Krishnakoil, Department of Chemistry, J.M. Patel Arts, Commerce And Science College, Bhandara and Department of Chemistry, Kamta Nehru Mahavidyalaya, Nagour on 29-30th November 2021.
- 93.** Participated in Two day National Seminar on Science, Technology and Innovations are the Key drivers for Self Relient India, Organised by D.R.g. Government Degree College, Tadepalli gudem, West Godavari on 27th and 28th February commemorating National Science day.
- 94.** Participated in International webinar organized by the Department of Life sciences, Government College for Women(A), Srikakulam on February 10th 2022.

95. Participated in one day National Webinar on “Radio chemistry and Its Applications, Organized by Department of Chemistry in association with “SACSE, IGCAR, Kalpakkam, Tamilnadu on 26-2-2022.
96. Participated in National Webinar on” National Webinar on Soft Skills for Academia” Organized by the Department of English, GDC kuppam on 20-3-2022.
97. Participated and Presented paper in International (Online) Conference on Environment Development and Sustainability, Organized by Department of Botany and IQAC, Athalye-sapre-petri College(A), Devrekh in Collaboration with Srushitidnyan and Sankalp society, Maharastra, India.
98. Participated in One Day National Workshop on “English in Real Life situations” Conducted by the Department of English, Hindu college Guntur On 30-3-2022.
100. Participate and presented paper on” pollution and climate change on fisheries Organised by agriculture science and technology Prospects (AST2022) by Central Agriculture University, Jhansi on 6-8 May-2022.

Declaration:

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



Dr. Y.SAVITHRI