

GOVT. COLLEGE FOR MEN, KURNOOL
DEPARTMENT OF ZOOLOGY
CURRICULAM VITAE

Name : B.SUJATHA
Date of Birth : 20 June 1980
Nationality : Indian
Educational Qualification : M.Sc. B.Ed.,(Ph.D).
E-mail : bhasujatha@gmail.com
Contact No. : 9440327465
Date of Appointment : 17-10-2002 joined as School Assistant
26-07-2008 as Junior Lecturer through APPSC
23-05-2013 as Degree College Lecturer through
promotion



Teaching Experience
in this cadre : 12 years

ACADEMIC PROFILE

Area of Research : Animal Biotechnology

Research Experience : 9 Years

Title of the Ph. D Thesis :

“Determination of formaldehyde exposure induced changes in antioxidant, metabolic, histopathological and gene expression in liver and muscle of male rats- Reversion of changes with Broncho-T”

Name of the Research Supervisor : Prof. M.BHASKAR

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

PROFESSIONAL DEVELOPMENT ACTIVITIES

➤ Refresher Course (RC) completed in “Disaster management” at UGC Academic Staff College, Sri Venkateswara University, Tirupati. From 11-07-2016 to 30-07-2016

- **Orientation Course (OC) completed at Academic Staff College, Sri Venkateswara University, Tirupati from 06-08-2018 to 01.09.2018.**
- **AICTE approved Faculty Development Programme(FDP101x) on “Foundation program In ICT for Education” under the aegis of Pandit Madan Mohan Malaviya Mission for Teachers and Teaching(PMMMMNMTT), MHRD, GOI from September 13,2018 to October 18,2018.**
- **AICTE approved Faculty Development Programme(FDP201x) on “Pedagogy for Online and Blendedn Teaching-Learning Process” under the aegis of Pandit Madan Mohan Malaviya Mission for Teachers and Teaching(PMMMMNMTT), MHRD, GOI from October 30,2018 to December 13, 2018.**
- **Workshop on “Modern Techniques in Molecular Biology”(MTMB-2019) organized by DBT-Project, Research Resources, Service Facilities and Platforms(RRSFP), S.V.University, Tirupati held during 31st May to 6th June,2019.**
- **Two day National Online Workshop on “Modern methods for teaching and Learning Practices” on 12th and 13th of May 2020 organised by Krishna University, Machilipatnam,Andhra Pradesh in association with Andhra Pradesh State Council Of Higher Education.**
- **A Five Day Online Faculty Development Programme in zoology on new knowledge of sciences- Emerging Technologies in molecular biology from 6th july to 10th july 2020 organised by Commissionarate Of Collegeate Education, Govt. Of Andhra Pradesh.**
- **TwoWeek Faculty Development Programme on"MANAGING ONLINE CLASSES AND CO-CREATING MOOCS 3.0"from July 25 - August 10,2020 organised by Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of MINISTRY OF HUMAN RESOURCE DEVELOPMENT PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING.**
- **One week National Faculty Development Programme online training on Moodle Learning Management system and from 10th June 2020 to 15th June 2020 Organized by JNTUH College of Engineering, Sultanpur, SangareddyDt. In association with Spoken Tutorial Project IIT Bombay.**
- **INTER-DISCIPLINARY AND MULTI LINGUAL TWO -WEEK ONLINE REFRESHER COURSE/ FACULTY DEVELOPMENT PROGRAMME on“Managing Online Classes & Co-creating MOOCS 4.0”from 11 - 26 March, 2021 organised by Teaching Learning Centre, Ramanujan College,University of Delhi under the aegis of MINISTRY OF**

EDUCATION, PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING.

- **Two Weeks Online Faculty Development Programme on "ADVANCED CONCEPTS FOR DEVELOPING MOOCS" from July 02 - July 17, 2020 organised by Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of MINISTRY OF EDUCATION, PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING.**
- **Two Week Online Faculty Development Programme on "MANAGING ONLINE CLASSES AND CO-CREATING MOOCS 3.0" from July 25 - August 10, 2020 organised by Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of MINISTRY OF HUMAN RESOURCE DEVELOPMENT PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING.**
- **ONLINE TWO - WEEK INTER-DISCIPLINARY REFRESHER COURSE/ FACULTY DEVELOPMENT PROGRAMME ON "Advance Research Methodology Tools And Techniques" from 15 - 30 April, 2021 organised by Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of MINISTRY OF HUMAN RESOURCE DEVELOPMENT PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING.**
- **Two – Week Refresher Course in "ZOOLOGY" from 15 – 29 December, 2021 organised by Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of MINISTRY OF HUMAN RESOURCE DEVELOPMENT PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING.**

LIST OF PUBLICATIONS (Inter National & National)

1. **Traitional foods- Boosts *immunity*, in proceedings of National Seminar on *NUTRITION AND IMMUNITY* Sponsored by UGC July 18th & 19th 2014. Organised by Dept. of Botony, GDC, Naidupet-524126.A.P.**
2. **MEENAKSHI DEVI PARRE & B. SUJATHA 2019, ADAPTIVE ROBOTIC NEURO-REHABILITATION HAPTIC DEVICE FOR MOTOR AND SENSORY DYSFUNCTION PATIENTS. International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN(P):2249 ISSN(E):2249-8001 vol 9, issue 6, 131–138 Paper Id.: IJMPERDDEC201911**

3. **MEENAKSHI DEVI PARRE & B. SUJATHA 2019, Thermal Investigation of Blood Perfusion in Non-Malignant Tumour in Human Knee. , International Journal of Research and Analytical Reviews(IJRAR) E-ISSN 2348-1269 , P-ISSN 2349-5138.**
4. C.Chandraprakash, C.Mamatha, S.Payani, **B.Sujatha** and M.Bhaskar 2020,Beneficial Effect of Aloe vera gel and Mango pulp ON Streptozotocin- Induced Diabetic Rats and Its Regulation on Oxidative Enzymes of Heart and Kidney, International Journal of Emerging Technologies and Innovative Research www.jetir.org | UGC and ISSN Approved), ISSN:2349-5162, Vol.7, Issue 12, page no.pp1059-1068.
5. **B. Sujatha**, Payani Sholapuri and Matcha Bhaskar "Comparative Study on the Protective Effects of Bronco-T and Salbutamol Against Formaldehyde-Induced Lipid Metabolism Disruption in Albino Rat Muscle Tissue", International Journal of Emerging Technologies and Innovative Research (www.jetir.org | UGC and issn Approved), ISSN:2349-5162, Vol.11, Issue 5, page no. ppm673-m677, May-2024, Available at : <http://www.jetir.org/papers/JETIR2405C90.pdf>
<http://doi.org/10.1729/Journal.39623>
6. **Sujatha, B.**, Sholapuri, P. and Bhaskar M. 2023. Protective role of Bronco-T against formaldehyde-induced biochemical disruptions in the liver and muscle of male albino rats. J. Vet. Anim. Sci. 55(2):291-303
DOI: <https://doi.org/10.51966/jvas.2024.55.2.291-303>
7. C.Mamatha, **B.sujatha**, A.Munilakshmi, M.Bhaskar*2024 . Phytochemical composition and therapeutic potential of *Aloe vera* inner leaf gel. International Journal of Research and Analytical Reviews (IJRAR November 2024, Volume 11, Issue 4(E-ISSN 2348-1269, P- ISSN 2349-5138).
8. C. Mamatha, **B. Sujatha** and M. Bhaskar* 2024.Protective Role of Aloe Vera Inner Leaf Gel Powder Against carrageenan induced Acute Inflammation in paw muscle of Male Wistar Rats , JETIR Volume 11, Issue 11 . www.jetir.org (ISSN-2349-5162). <http://www.jetir.org/papers/JETIR2411211.pdf>
9. A.Munilakshmi, C. Mamatha, **B.sujatha** , M. Bhaskar, 2024,"Protective Effects of Poly Herbal Compound Bronco-T on male wistar Rats exposed to Formaldehyde-Induced Oxidative Stress in kidney tissues of Rats", International Journal of Emerging Technologies and Innovative Research (www.jetir.org | UGC and issn Approved), ISSN:2349-5162, Vol.11, Issue 11, page no. ppc287-c297, November-2024, Available at : <http://www.jetir.org/papers/JETIR2411238.pdf>

10. Muni lakshmi A, **Sujatha B**, Mamatha c, Chandra prakash ch, M bhaskar, 2025
"Mitigating Formaldehyde Toxicity: The Efficacy Of Broncho-T In Ameliorating Biochemical Changes (Carbohydrate & Protein Metabolism) In Kidney Of Male Albino Rat", IJRAR - International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, Volume.12, Issue 1, Page No pp.141-149, January 2025, <http://www.ijrar.org/IJRAR25A1387.pdf>

Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings

1. A chapter entitled 'Protective Role Of Curcuma Longa Extract Supplementation In Stz Induced Diabetic Rats' for the book entitled "Biodiversity Assessment: Tool for Conservation" 2017 edited by R. Lakshmidēvi, Obaiah Jamakala, S. Mannur Ismail, B. Sujatha and M. Bhaskar*, Bhumi Publishing, Kolhapur, Maharashtra, India. ISBN: 978-81-931247-3-4
2. A chapter entitled 'Biodiversity For Sustainable Livelihood' for the book entitled "Biodiversity Assessment: Tool for Conservation" 2017 edited by M. Bhaskar*, B. Sujatha, S. M. Ismail and J. Obaiah, Bhumi Publishing, Bhumi Publishing, Kolhapur, Maharashtra, India. ISBN: 978-81-931247-3-4
3. A chapter entitled 'Holistic Approach Towards Herbal Medicine And Their Impact On Health Ailments' for the book entitled "Floral and Faunal Wealth of India" 2019 edited by Bhaskar Matcha, B. Sujatha, Ch. Vivek, M. Reddy Sri and W. M. S. Jhonson, Bhumi Publishing, Bhumi Publishing, Kolhapur, Maharashtra, India. ISBN: 978-81-931247-8-9
4. A chapter entitled 'Prejudice Towards One Gender Is Imbalance To The Society' for the book entitled "International Terrorism And Women trafficking-challenges and policy options" 2019 edited by B.Sujatha, S.Parvathi, S.Lalitha, G.sirmani. ISBN:978-81-939248-7-7
5. A chapter entitled 'Comprehensive Study On Pearl Farming And Economic Viability' for the book entitled "Limnology" 2020 edited by B. Sujatha, S. Payani, Ch. Vivek, G. Bupesh and M. Bhaskar, Bhumi Publishing, Bhumi Publishing, Kolhapur, Maharashtra, India. ISBN:978-93-88901-01-7

6. A chapter Entitled' Aquatic Life And Pesticide Residues:With Special Emphasis On Fate And Behaviour Of Aquatic Organisms' for the bookentitled "Limnology" 2020 edited by Ch. Vivek, G. Bupesh, B. Srikant,S. Payani, B. Sujatha and M. Bhaskar, Bhumi Publishing, Bhumi Publishing, Kolhapur, Maharashtra, India. ISBN:978-93-88901-01-7

CONFERENCES / SEMINARS ATTENDED /PRESENTED

1. UGC-Sponsored National Seeminar on Nutrition & Immunity by Department of Botany, GDC, Naidupet, SPSR Nellore Dt on 18th and 19th July 2014.
2. National Symposium on Natural products and Biodiversity: Our Insurance for the Future on 12th December, 2014, Govt College for Men,Kurnool,A.P.
3. UGC-Sponsored two days National Seeminar on Opportunities & Challenges of Micro, Small and Medium Enterprises 30th&31st July, 2015, GDC, Srisailam Project, Kurnoo Dt,A.P.
4. GCGTA State level Seminar on Quality Enhancement in Govt. Degree Colleges- Role Of Teachers held at Dr.B.R.Ambedkar Assembly Hall, Andhra University, Vishakapatnam on 10th October, 2015
5. UGC & A.P.P.C.B. Sponsored One-Day National Seminar on Swachh Bharat- Role of Society on 11th December, 2015 orgqanised by Department of Botany, Silver Jubilee Govt.College (Autonomous).
6. One day State level Workshgop on CBCS & Online Internal Examinations at UG Level Semester System organized by G.T.R.M. Govt.Degree College, Yerraguntla, Kurnool Dt.on 25th January-2016
7. National Seminar on Anthropogenic Enviroment Change and the Emergence of Infectious Diseases in Wild Life organized by Department of Zoology, SML Govt.Degree College, Yemmiganur, Kurnool Dist., A.P., India from 23-2-2016 to 24-2-2016.
8. National seminar on Indigenous Phytodiversity for Sustainable Development on 25th and 26th February, 2016 organised by Department of Botany, PSC&KVSC Government college, Nandyal, Andhra Pradesh.
9. ICSSR sponsored two day's National seminar on Globalisation- A Strategy towards Women's Empowerment on 24th & 25th September 2016 organised by Department of Political Science, Govt. College for Men, Kurnool Dist. A.P.
10. National Seminar on New Paradigm Shifts: Challenges and Opportunities in Commerce, Management, Business Economics and Information&Communication Technology on 28th &29th September2016 organised by PSC&KVSC Govt.College, Nandyal, Kurnool Dt.A.P.
11. District level One day workshop on Current curriculum in Animal Science, Prescribed by APSCHE on 11th November,2016 organised by Department of Zoology, Silver jubilee Govt. College(A), Kurnool.

12. UGC Sponsored two day National seminar on Challenges & Opportunities Of Indian Tourism on 21st & 22nd September 2017 organised by Department of History, Government Degree College, Srisailem Project, Kurnool(Dt), A.P.

13. One day National seminar on GST Reforms in India- Its Impact on 17th February, 2018 organised by Departments of Commerce & Economics, Silver Jubilee Govt. College (A), Kurnool.

14. National conference on The current and Future Prospects of Animal Physiology and Biotechnology in Disease control in the Era of Interdisciplinary Ethnopharmacology:APBDCE-2018 organised by Department of Zoology, S.V.University, Tirupati.

15. ICSSR Sponsored two day International Seminar on International Terrorism and Women Trafficking Challenges and Policy Options on 31st January and 1st February 2019 by the Department of Political Science, Govt. college for Men, Kurnool Dt. A.P. India.

16. Workshop on Modern Techniques in Molecular Biology(MTMB-2019) organized by DBT-Project, Research Resources, Service Facilities and Platforms(RRSFP), S.V.University, Tirupati.

17. International Conference on Advances in Biosciences and Technology: Impact on plant, Animal and Human Health (ICABT-2019) on 24th -26th December, 2019 in the DSeapartment of Zoology, Sri Venkateswara University, Tirupati.

18. National Seminar cum Workshop on Alternatives to Animal Experiments for Life Science Research organized by Department of Zoology, Yogivemana University, Kadapa

19. MOOCS Workshop through District Resource center on OER, e-Content development and Development of MOOCs held on 29th February 2020 organised by Department of Physics, PSC&KVSC Govt. Collge, Nandyal, Kurnool(Dt).

20. National Webinar on Research Methodology jointly organized by SVD Degree College(W), Nidadavole,A.P., Khandesh Chapter Of English language Teachers Association of India on 21st May 2020.

OTHER INFORMATION

In College :

- Convenor of Red Ribbon club
- Member of Women Empowerment Cell
- Member of Eco-club committee
- Member of NSS-II unit

