

## FACULTY PROFILE

Name	Dr. (Ms.) Janak Dulari Ahi			Date of Birth: 22.08.1957			
Designation	Professor & HoD	Date of holding Present Post			05.01.2018		
Name of the Department and School	Department of Zoology			School of Biological Sciences			
Contact Details	Email :j_ahi@yahoo.co.in			Mobile:9425671522			
Additional Responsibility in the university, if any	Warden, Girls hostel, Chief Vigilance Officer						
Educational Qualifications (UG onwards)	M.Sc. , Ph.D						
Research Area/Specialization	Insect immunity & insect tumor biology						
Awards/ Honors / Fellowship Conferred (With details thereof)	<ul style="list-style-type: none"> <li>• I was Coordinator of the National Science Day, celebrated with the theme "Science and Technology for Specially Abled Persons" on 28.02.2017 at Dr H.S. Gour Vishwavidyalaya, Sagar.</li> <li>• I was Coordinator of the National Science Day, celebrated as Day of Inspiration (Prerna Diwas) with the theme "Science and Technology for a sustainable future" on 28.02.2017 at Dr H.S. Gour Vishwavidyalaya, Sagar.</li> <li>• I was the Coordinator of the National Resource Centre in Zoology at Dr H.S. Gour Vishwavidyalaya, Sagar for the Arpit MOOC Programme offered by MHRD, 2018-19.</li> <li>• I was Coordinator of the National Science Day celebrated as "Science for the People and the People for Science" on 28.02.2019 in Dr H.S. Gour Vishwavidyalaya, Sagar.</li> <li>• I have been nominated as UGC nominee on Governing Body of Kunthavai Naacchiyaar Govt. Arts College for Women, Thanjavur, Tamil Nadu for a period of five years w.e.f. 2019-2020 to 2023-2024.</li> <li>• I was a member of the NAAC Peer team at Rupahi College, Nagaon, Assam. The visit date was 15<sup>th</sup>-17<sup>th</sup> October 2015.</li> <li>• I was a member of the NAAC Peer team at, Mahatma Gandhi Balika Vidyalaya (PG) College, Firozabad, (U.P.). The visit date was 28<sup>th</sup>-29<sup>th</sup> November 2016.</li> <li>• I was a member coordinator of the NAAC Peer team at CLC Govt. Arts &amp; Commerce College, Simabhata, Post Dhamdha, Dist.:Durga, Bhilai Nagar, Chattisgarh. The visit date was 4<sup>th</sup>-5<sup>th</sup> September 2017.</li> <li>• I was a member of the UGC - Expert Committee for the Extension of Autonomous Status to JAIN Deemed-to-be-University, Bengaluru, Karnataka. The visit date was 20<sup>th</sup> July to 23 July 2018.</li> <li>• I was a member of the UGC - Expert Committee for the Extension of Autonomous Status to Kunthavai Naacchiyaar Govt. Arts College for Women, Thanjavur, Tamil Nadu. The visit date was 4<sup>th</sup> and 5<sup>th</sup> Feb. 2019.</li> <li>• I was a member of the UGC - Expert Committee for the Extension of Autonomous Status to Arulmigu Palaniandavar Arts College for Women, Palani, Tamil Nadu. The visit date was 14<sup>th</sup> and 15<sup>th</sup> March 2019.</li> <li>• I was a member of the UGC - Autonomy Review Expert Committee to Madras Christian College, Tambaram , Chennai, Tamil Nadu. The visit date was 20<sup>th</sup> and 21<sup>th</sup> June 2019.</li> <li>• I was a member of the UGC - Autonomy Expert Committee to Hislop College ,Nagpur, Maharashtra. The visit date was 17<sup>th</sup> and 18<sup>th</sup> July 2019.</li> <li>• I was a member of the UGC - Expert Committee to grant fresh autonomous status to Ranchi Women's College, Ranchi. The visit date was 16<sup>th</sup> and 17<sup>th</sup> Dec. 2019.</li> <li>• I was a member of the UGC - Expert Committee to grant fresh autonomous status to Sengamala Thayaar Educational Trust Women's College, Mannargudi, Tamil Nadu. The visit date was 24<sup>th</sup> and 25<sup>th</sup> Feb. 2020.</li> </ul>						
Summary of Publications (Number only)	Research Papers		Books		Chapter in Books	Seminars/ Conferences Proceedings	Projects

### Research Projects (Completed and Ongoing):

S.No.	Title	Funding Agency	Duration	Sanction order No. & Date	Amount in Rs. Lakh	Completed/ongoing
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S.No.	Title	Funding Agency	Duration	Sanction order No. & Date	Amount in Rs. Lakh	Completed/ongoing
1.	Study on the immune response of <i>Poeciloceris Pictus</i> (Fabr.) Orthoptera : Acrididae with special reference to animate objects	M.P. Council of Science and Technology	01.04.07 to 31.03.10	Z-6/06	4 Lakhs	completed
2.	Effect of chemical carcinogen N-nitroso-N-methyl urea on different tissues of <i>Periplaneta americana</i> (Linn.): A histopathological and biochemical approach	University Grants Commission	01.02.2010 to 31.01.2013	37-488/2009	7 Lakhs	completed

## PUBLICATIONS - - 2013 onwards :

### National Publications (Details of Research Papers-- 2013 onwards):

2013	<ul style="list-style-type: none"> <li>Khawaja Shakeel Ahmed, Basheer Madompoyil, Anghesom Ambesajir Ghebremedhin, John Issac, <b>Janak Dulari Ahi</b>, Aleem Ahmed Khan, Santosh Kumar Tiwari: Studying the importance of <i>VacA</i> Gene of <i>Helicobacter pylori</i> in identifying the pathogenicity of strains by comparing it with the disease status of the subjects. <i>Journal of Cancer Therapy</i>, 4, 68-74 (2013) <b>Impact Factor: 0.58, ISSN: 2151-1934</b></li> </ul>
2014	<ul style="list-style-type: none"> <li>Khawaja Shakeel Ahmed, Basheer Madompoyi, <b>Janak Dulari Ahi</b>, Aleem Ahmed Khan, Santosh Kumar Tiwari, Mohammed Aejez Habeeb: A study on the transmission of <i>helicobacter pylori</i> from food prepared and consumed under hygienic and unhygienic conditions: A first study using biopsy samples. <b>Health</b>, 6 (4) : 274-283 (2014) <b>ISSN: 1363-4593</b></li> <li>Rupali Jain and <b>Janak Ahi</b>: Effect of N-Nitroso-N-Methylurea on Midgut in <i>Periplaneta americana</i> <b>Int. J. Pure App. Biosci.</b> 2 (6): 258-264 (2014) <b>ISSN: 2320 – 7051</b></li> </ul>
2015	<ul style="list-style-type: none"> <li>Anjana Choudhary and <b>Janak Ahi</b>: Diversity and Distribution of aquatic insect population in lakha banjara lake, Sagar (m. p.), India. <b>Int. J. of Acad. Res.</b> 3 (5): 367-374. (2015) <b>ISSN: 2348-7666</b></li> <li>Anjana Choudhary and <b>Janak Ahi</b>: Comparison and relationship between abundance of aquatic insects and water parameters of Sagar Lake, Madhya Pradesh, India. <b>Int. J. of Sci. Res.</b> 4 (6): 9-15. (2015) <b>ISSN: 2319-7064</b></li> <li>Anjana Choudhary and <b>Janak Ahi</b>: Analysis of water quality in Sagar Lake by investigating different physico-chemical parameters. <b>Int. J. of Mult. Res. Dev.</b> 2 (9): 25-30. (2015) <b>ISSN: 2349-4182</b></li> <li>Anjana Choudhary and <b>Janak Ahi</b>: Biodiversity of freshwater insects: a review, the <b>Int. J. of Eng. Sci.</b> 4 (10), 25-31. (2015) <b>ISSN: 0020-7225</b></li> </ul>
2016	<ul style="list-style-type: none"> <li>Namita Jain and <b>Janak Ahi</b>: Changes in THC and DHC of <i>Poeciloceris pictus</i> during infection of <i>Candida albicans</i>. <b>Int. J. of Mult. Res. Dev.</b> 3 (6): 328-332. (2016)</li> <li>Namita Jain and <b>Janak Ahi</b>: Haemocyte count of <i>Poeciloceris pictus</i> (Fabr.) Orthoptera : Acrididae) during fungal infection. <b>Int. J. of Applied Res.</b> 2 (7): 332-335. (2016) <b>ISSN NO 2249 - 555X</b></li> </ul>
2017	<ul style="list-style-type: none"> <li>Koiri RK, Naik RA, Rawat D, Chhonker SK, <b>Ahi J D</b>: Bioecological Perspective of Entomopathogenic Fungi with Respect to Biological Control. <b>J Appl Microb Res</b> Vol: 1, 1 07-14. (2017) <b>ISSN: 2581-7566</b></li> </ul>
2019	<ul style="list-style-type: none"> <li>Anjana Choudhary and <b>Janak Ahi</b>: An investigation on biodiversity of aquatic insects in Sagar Lake, <b>Int. J. of Zool. Studies</b>, Vol 4: (1), 11-16. (2019) <b>ISSN: 2455-7269</b></li> </ul>

### National Seminar/Conference/Workshops (Attended- - 2013 onwards)

	<ul style="list-style-type: none"> <li><b>Janak Ahi</b> (2014): Benzidine, an aromatic amine induced histopathological changes in the Midgut of adult <i>Poeciloceris pictus</i> (Fabr.) Orthoptera: Acrididae. The Indian Science Congress Association - Sagar Chapter In: Proceedings of the National Symposium on Frontiers in Modern Biology organized by <b>Department of Zoology, Dr H.S. Gour University</b>, March 24 – 25.</li> <li>Anjana Choudhary and <b>Janak Ahi</b> (2014): Biodiversity of aquatic insects in Sagar Lake. The International Conference on Frontier Discoveries and Emerging Opportunities in Life Sciences organized by <b>Dr. H. S. Gour Central University</b>, February 13-15.</li> <li>Anjana Choudhary, Vikas Dwivedi and <b>Janak Ahi</b> (2014): A Study on Physico-Chemical Parameters of Sagar Lake, (M.P.), India. The Indian Science Congress Association - Sagar Chapter In: Proceedings of the National Symposium on Frontiers in Modern Biology organized by <b>Department of Zoology, Dr H.S. Gour University</b>, March 24 – 25.</li> <li>Namita Jain and <b>Janak Ahi</b> (2014): The immune response of painted grasshopper, <i>Poeciloceris Pictus</i> (Fabr.) (Orthoptera: Acrididae) to bacterial infection. The Indian Science Congress Association - Sagar Chapter In: Proceedings of the National Symposium on Frontiers in Modern Biology organized by <b>Department of Zoology, Dr H.S. Gour University</b>, March 24 – 25.</li> </ul>
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	<ul style="list-style-type: none"> <li>• <b>Janak Ahi (2015):</b> Selected for <b>podium presentation</b> at the Science Communicator Program of the Indian Science Congress Association, Kolkata held at <b>Bombay University, Mumbai</b> (Jan. 3-7).</li> <li>• Anjana Choudhary and <b>Janak Ahi (2015):</b>Diversity and Distribution of Aquatic insect population in Lakha Banjara Lake, Sagar (m. p.), India. The National Seminar in recent advances and challenges in Biological Sciences, organized by <b>Department of Zoology, Dr. H. S. Gour Central University, Sagar (MP), India.</b> March 17.</li> <li>• Anjana Choudhary and <b>Janak Ahi (2015):</b>Diversity of aquatic insects in Lakha Banzara Lake, Sagar (M.P.). The National Conference on Evolving Trends in Biotechnology, organized by <b>Department of Biotechnology, Dr. H. S. Gour Central University, Sagar (MP), India.</b> March 28-30.</li> <li>• Namita Jain and <b>Janak Ahi (2016) :</b>The immune response of <i>Poekilocerus pictus</i> (Fabr.) (Orthoptera : Acrididae) to fungal infection. The Indian Science Congress Association-Sagar Chapter. In proceedings of the National Seminar on Science and Technology for National Development, organized by <b>Department of Biotechnology, Dr. H. S. Gour University, Sagar (MP),</b> March 28-30. Pp.17</li> <li>• Namita Jain and <b>Janak Ahi (2017):</b> Humoral immune response against bacterial infection in <i>Poekilocerus pictus</i> (Fabr.) (Orthoptera : Acrididae). In International Conference on Interface of Physical, Chemical and Biological Sciences organized by <b>Dr H.S. Gour Vishwavidyalaya, Sagar,</b> Jan. 11 – 13. Pp 132 (PB 44)</li> <li>• Rayees Ahmed, Raj Kumar Koiri, <b>Janak Ahi (2017):</b> Papaya and <i>Calatropis</i> leaves modulatethe antioxidant enzymes differentially in <i>Poekilocerus pictus</i> (Fabr.) (Orthoptera:Acrididae). In International Conference on Interface of Physical, Chemical and Biological Sciences organized by <b>Dr H.S. Gour Vishwavidyalaya, Sagar,</b> Jan. 11 – 13. Pp. 144 (PB 68)</li> <li>• Rupali Jain and <b>Janak Ahi (2017):</b> Changes in the DNA, RNA and Alkaline Phosphatase contents in midgut, fatbody, and ovary of n-nitroso-n-methylurea (linn.) adult female. In International Conference on Interface of Physical, Chemical and Biological Sciences organized by <b>Dr H.S. Gour Vishwavidyalaya, Sagar,</b> Jan. 11 – 13. Pp. 147 (PB 74)</li> </ul>
<b>International Seminar/Conference/Workshops (Organised- 2013 onwards)</b>	
GIAN Course: Neural Actions of Psychotropic Drugs. Jan.13 – Jan. 18, 2020	
No. of Ph.D. Awarded:	12
No. of Ph.D. Scholars working:	03
Memberships in Academic Bodies:	
<ul style="list-style-type: none"> <li>• Life member of Indian science Congress Association</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
Other Academic Achievements :	
(i) Membership of the Board of Studies/School Board / Academic Council/ Executive Council (Within/ outside the university)	
<ul style="list-style-type: none"> <li>• Member School Board</li> </ul>	