

ACADMIC PROFILE OF FACULTY MEMBER

1. Name :- **Dr. KAILASH TAMTA**



2. Mobile Number : 9557110181 AND 7579203566
3. E. mail : ktamta.85@gmail.com
4. Designation : Assistant Professor.
5. Qualification : M.Sc. (Chemistry), Ph.D, CSIR-NET, CSIR-JRF And GATE
6. Area of Specialization : Organic Chemistry
7. Acadmic achievement/Awards/ Recognition :- CSIR-JRF
8. Acadmic/Administrative position held :- Assistant Professor.
9. Number of Research Projects (completed/ ongoing)- major/minor :- None
10. Detail of Conference / Seminar (Organised/ Co-convener) :- 04

(I). Symposium on Forests and Sustainable Production and Consumption, Science Popularization Activity, organized by Faculty of Science, S.S.J.U. Campus, Almora and sponsored by Uttarakhand State Council for Science and Technology, Dehradun held at Govt. Degree College Kanda, Bageshwar (Uttarakhand), **(Organizing Committee)** March 21, 2022.

(II). National Seminar on “Environmental Challenges and Sustainable Development in Himalayan Region in 21st Century” Uttarakhand Science Education and Research Centre (USERC), Department of Information and Science Technology, Govt. of

Uttarakhand, at Govt. Degree College Kanda, Bageshwar (Uttarakhand), (**Organizing Committee**) March 15-16, 2023.

(III). International Seminar on Education Students and Educational Institutions through the Lens of the Ideas of Swami Vivekanand and Swami Vivekananda Circuit Parikrama, Organized by S.S.J. University Almora (Uttarakhand), 21-22 May 2024, As a Member and Presented of Paper, Swami Vivekananda's Educational Ideals and their Impact on Student Motivation and Performance in Chemistry.

(IV). National Conference on Disaster Management and Disaster Risk Reduction in Himalayan Region: A Shift from Awareness to Consciousness, Sponsored by Red Cross State Branch Uttarakhand, Organized by GDC Kanda (Bageshwar), 21 October 2024 as a Co-Convener.

11. Detail of Orientation Programme/ Refresher Course attended: Orientation Programme, HRDC Kumaun University, Nainital, Uttarakhand, India, (Date: 30/11/2022 To 29/12/2022). And Refresher Course UGC MMTTC Sant Gadge Baba Amravati University, Amravati (Date:- 12 Jan to 25 Jan 2024)

12. Total Numbers of the Students for Master's Dissertation (Awarded/ ongoing) :-
None

13. Number of Ph.D. awarded :- (Date:- 25/09/2023)

TITLE- PHYSICOCHEMICAL PROPERTIES OF ACETONE, ACETONITRILE AND ACETIC ACID IN AQUEOUS MEDIUM.

14. Number of candidates working for Ph.D. award :- None

15. List of publications :- 11

(I). Kandpal N D, Tamta A, Bhoj A, Tamta K, Prasad J and Chandra b, Evaluation of the Biomedical Applications of NiO Nanoparticles Synthesized with Cow Milk and Aqueous Ethylene Glycol, *Rasayan Journal Of Chemistry (RJC)*, 18(2) **(2025)** 1042-1048.

- (II).** Joshi R, Seni S, Tamta K, Prasad J, Chandra B and Kandpal N D, Comparative Computational Analysis of Alcohols (C1-C4): Implications in Pharmaceutical and Drug Design Applications, *International Journal of Progressive Research in Engineering Management and Science (IJPREMS)*, 5(4) **(2025)** 2933-2935.
- (III).** Aneja A, Loshali R, Tamta K, Prasad J and Kandpal N D, Viscosity and Conductance on Hydration of Copper Sulphate Pentahydrate at 308K and 313K, *International Journal of Research in Engineering and Science (IJRES)*, 12(9) **(2024)** 1-8.
- (IV).** Chandra B, Tamta A, Khulbe R, Kandpal A, Kandpal N D and Tamta K, Studies on oxidation of alcohols by cerium (IV)-dimer aqueous nitric acid, *An Int Rese J and Appl Chem*, 38 **(2022)**, 130-136.
- (V).** Loshali R, Tamta K and Kandpal N D, Binary Solution of Hydrochloric acid and water at 283.15K: Masson's Equation, *International Research Journal of Humanities and Interdisciplinary Studies*, 2 (5) **(2021)** 179-183.
- (VI).** Tamta K, Kandpal N D and Chandra B, A study on Interactions present in aqueous acetic acid solution: Viscometric study at 293K, *Chemical Science Review and Letters*, 7 (25) **(2018)** 38-41.
- (VII).** Joshi R, Tamta K, Chandra B and Kandpal N D, Interaction of Poly (ethylene) glycols in aqueous solution at 288K: Ultrasonic studies, *International Journal of Applied Chemistry*, 13 **(2017)** 611-630.
- (VIII).** Joshi R, Sharma S, Kohali J, Tamta K and Kandpal N D, Micellar Properties of Tween-80 in aqueous solution of Poly (Ethylene) Glycols: An Ultra Sonic Study, *Der Pharma Chemica*, 9(24) **(2017)** 21-27.
- (IX).** Chandra N, Mishra S, Joshi R, Chandra B, Tamta K and Kandpal N D, Micellization of sodium lauryl sulphate in aqueous sodium malonate solution, *Der Chemica Sinica*, 5(2) **(2014)** 44-50.
- (X).**

16. Detail of Conference/ Seminar (Participated / Paper presented) :- 08

(I). The Indian Science Congress Association (Haridwar Chapter), Reaching Unreached through Science and Technology, Organized by Department of Mathematics and Department of Computer Science, D.S.B. Campus, Kumaun University, Nainital during October 14-15, 2007 and delivered a **Poster entitled “ Acetic Acid and Acetonitrile water system: Physicochemical properties”**.

(II). National Conference on Science and Technology for National Development, November 20-22, 2016, Organized by The Indian Science Congress Association (Haridwar Chapter) and department of Chemistry Grukula Kangri Vishwavidyalaya, Haridwar, **presented a paper entitled “ A Preliminary study on interactions of acetic acid in water system: Viscometric study”**.

(III). National Conference on Science and Technology for National Development, March 20-21, 2015, Organized by The Indian Science Congress Association (Haridwar Chapter) and department of Ancient Indian History, culture and Archaeology, Grukula Kangri Vishwavidyalaya, Haridwar, **(Participate)**.

(IV). **Biofuel resources Coconut and Sesame Oil: Extraction and Chemical Examination**, National conference CCIBHR-2022, organized by Department of Chemistry, SSMMUSS Govt. P.G. College, Dwarahat, Almora, June 5-6, 2022.

(V). **Workshop on Scientific Paper Writing, Science Popularization Activity, organized by Faculty of Science**, S.S.J.U. Campus, Almora and sponsored by Uttarakhand State Council for Science and Technology, Dehradun Uttarakhand, March 25, 2022.

(VI). International Seminar on Education Students and Educational Institutions through the Lens of the Ideas of Swami Vivekanand and Swami Vivekananda Circuit Parikrama, Organized by S.S.J. University Almora (Uttarakhand), 21-22 May 2024, As a Member and Presented of Paper, Swami Vivekananda's Educational Ideals and their Impact on Student Motivation and Performance in Chemistry.

(VII). National Seminar on Various Aspects of Intellectual Property Rights, Organized by GDC Talwari-Tharali, Chamoli (uttarakhand), Sponsored by UCOST, 19 September 2024, Intellectual Property Rights is Pharmaceutical Innovations.

(VIII). National Seminar on Conservation of Traditional Crops in Himalayan Regions with Special Reference to Cereals and Millets, Organized by Department of Botany, SSJ University Almora (Uttarakhand), Sponsored By ANRF, 19-20 April 2025, Paper Presented Chemistry of Traditional Crop Conservation.

17. Membership of Professional Organization/ Association :- None.

18. Any other detail besides above mentioned :- D. Pharma