

Research Papers by MSU Faculty Members

Name	Designation	Department	Paper Name & Link
Dr. Ayan Chatterjee	Associate Professor and Associate Dean	School of Health Science and Technology	Climate Change and Human Health - https://scholar.google.com/citations?user=YVA95t8AAAAJ&hl=en&authuser=1
Mr. Takam Yari	Assistant Professor and PIC	School of Health Science and Technology	Study of sensory evaluation, and cost evaluation of products made from Roselle calyces - https://www.biochemjournal.com/archives/2024.v8.i8.g.1784
Mr. Anindya Saha	Assistant Professor and HOD	School of Health Science and Technology	Neurofibromatosis reciprocative effect on ExtraOcular Muscles
Mr. Banasmita Devi	Assistant Professor	School of Health Science and Technology	Green Nanotechnology - https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=banasmita+devi&oq=banasmita±
Ms. Bisma Amin	Assistant professor	School of Health Science and Technology	1. To Assess the Knowledge of Breast Self Examination and Awareness about Breast Cancer among the Female Students of Baba Farid Institute of Technology, Dehradun - https://jmscr.igmpublication.org/home/index.php/archive/197-volume-10-issue-02-february-2022/10335-to-assess-the-knowledge-of-breast-self-examination-and-awareness-about-breast-cancer-among-the-female-students-of-baba-farid-institute-of-technology-

Name	Designation	Department	Paper Name & Link
			<p>dehradun</p> <p>2. To Assess the Effect of COVID-19 on the Mental Health Status of Students at Jamia Hamdard University - https://dx.doi.org/10.18535/jmscr/v9i12.03</p> <p>3. Selfie: Enjoyment or Addiction - http://jmscr.igmpublication.org/home/index.php/current-issue/1605-selfie-enjoyment-or-addiction</p> <p>4. To Assess Severity of Depression among Males and Females Due To Covid-19 Pandemic - https://www.iosrjournals.org/iosr-jnhs/papers/vol10-issue5/Ser-6/E1005063343.pdf</p> <p>5. TO EVALUATE THE ABNORMALITY RATE AND STRUCTURAL ABNORMALITIES IN UTERUS AND FALLOPIAN TUBES OF FEMALES UNDERGOING HSG - https://www.academia.edu/105590190/_TO_EVALUATE_THE_ABNORMALITY_RATE_AND_STRUCTURAL_ABNORMALITIES_IN_UTERUS_AND_FALLOPIAN_TUBES_OF_FEMALES_UNDERGOING_HSG?uc-sb-sw=83128940</p>
Ms. Divya Rana	Assistant professor	School of Health Science and Technology	<p>Sonographic Measurement Of Normal Liver And Spleen Dimensions In The Paediatric Population Age Group Between 5-15 Years Of A Rural District In Haryana - https://kuey.net/index.p</p>

Name	Designation	Department	Paper Name & Link
			hp/kuey/article/view/1325
Ms. Neha Gupta	Adjunct Faculty	School of Health Science and Technology	<p>1. Bimodal mesoporous α-Fe₂O₃/SiO₂ composite: A highly efficient heterogeneous solar-driven photo-Fenton catalyst - https://doi.org/10.1016/j.molstruc.2023.135373</p> <p>2. Hydrothermal Synthesis of Mesoporous FeTiO₃ for Photo-Fenton Degradation of Organic Pollutants and Fluoride Adsorption. - https://doi.org/10.3390/engproc2023059134</p> <p>3. Aqueous synthesis of mesoporous FeNbO₄ for efficient degradation of organic contaminants in sunlight assisted advanced oxidation process at near neutral pH - https://doi.org/10.1007/s10934-023-01537-w</p>
Mr. Majid Anwar Bhat	Assistant Professor	School of Health Science and Technology	<p>1. Artificial Intelligence in Anaesthesia: A Study. - https://www.researchgate.net/publication/379084567_Artificial_Intelligence_in_Anaesthesia_A_Study</p> <p>2. Compared Investigation into the Impact of Spinal Anaesthesia During Seating and Lateral Positions on the Cardiovascular State and Sensory Blockage Onset Time in LSCS - https://www.researchgate.net/publication/379227265_Compared_Investigation_into_the_Impact_of_Spinal_Anaesthesia_During_Seating_and</p>

Name	Designation	Department	Paper Name & Link
			Lateral Positions on the Cardiovascular State and Sensory Blockage Onset Time in LSCS
Mr. Snehasish Bhattacharjee	Master Skills Instructor	School of Management and Commerce	<p>1. Analysis of diamond studded gold jewelry as an investment option in India organized International Webinar conducted by Indian accounting association, South Bengal branch. Dated 4th Feb 23 ISBN: 978-1-312-42093-9 by The Sustainable Development Goals in India: Few Issues & Contexts- RED'SHINE PUBLICATION.</p> <p>2. Importance of med claim insurance for Health risk coverage Dated 29th June 2023 ISBN: 978-81-962702-6-1 by Research Trends in Multidisciplinary Subjects by the Hill Publication ISBN: 978-81-962702-6-1.</p> <p>3. Comparative analysis of old tax regime v/s new tax regime as per union budget 2023 and its impact on Indian individuals Dated 7th July 2023 by International Seminar on Recent Trends in Business, Economics and Management Organized by Ram Thakur College, Agartala, Tripura, India.</p>
Mr. Prakash Chettri	Academic Coordinator/Assistant Professor	School of Health Science and Technology	Peptic ulcer and gastric cancer: is it all in the complex host microbiome interplay that is encoded in the

Name	Designation	Department	Paper Name & Link
			<p>genomes of 'us' and 'them'? (Frontiers: https://doi.org/10.3389/fmicb.2022.835313) - https://doi.org/10.3389/fmicb.2022.835313</p>
Dr. Lhakit Lepcha	Adjunct Professor	School of Hospitality and Tourism	<p>1.Lepcha, L., Sarma, M. P., Kataki, A. C., & Unni, B. G. (2019). Assessment of oral cellular proliferative activity among tamol chewers population in Assam, India. International Journal of Research and Analytical Reviews, 6(2):799-804.</p> <p>2.Lepcha, L., Sarma, M. P., Kataki, A. C., & Unni, B. G. Clinical Significance of Antioxidant Levels in Saliva of Raw Betel Nut Chewer's: an Experience from Assam. cancer, 3(4), 5.</p> <p>3. Lepcha, L., Sarma, M. P., Kataki, A. C., & Unni, B. G. (2021). Association of X-ray repair cross-complementing group 1 Arg399Gln polymorphisms with the susceptibility to develop oral squamous cell carcinoma in tamol chewer's population in Assam, India. Indian Journal of Dental Sciences, 13(2), 73. (UGC care listed)</p> <p>4. Maheshkumar, K., Wankhar, W., Gurugubelli, K. R., Mahadevappa, V. H., Lepcha, L., & kumar Choudhary, A. (2020). Angiotensin-converting enzyme 2 (ACE2): COVID 19 gate way to</p>

Name	Designation	Department	Paper Name & Link
			<p>multiple organ failure syndromes. Respiratory Physiology & Neurobiology, 103548</p> <p>5. Lepcha, L., Sarma, M. P., Kataki, A. C., Wankhar, W., & Unni, B. G. (2021). Protein Profile of Human Saliva as a Predictive and Prognostic Tool for OSCC in Tamol Chewer's Population in Assam. Asian Pacific Journal of Cancer Prevention, 22(6), 1837-1841.</p> <p>6. Bhutia, T. W., Lepcha, L., Sherpa, A. T., & Pradhan, P. D. (2021). Prevalence and characteristics of abnormal Papanicolaou smear: A retrospective study from Sikkim, India. Annals of Oncology Research and Therapy, 1(2), 100 - Lhakit LEPCHA Master of Science Research profile</p>
Mr. Bhoj Raj Chhetri	Visiting Faculty	School of Health Science and Technology	<p>1) THE ROLE OF NATURAL PRODUCTS AGAINST COVID-19: A REVIEW - DOI: 10.31788/RJC.2022.1526332a</p> <p>(2) Green synthesis of Ag-ZnO nanocomposites using Fraxinus floribunda bark extract and their photocatalytic and antioxidant properties - https://doi.org/10.1117/1.2.3044509</p>
Mr. Ishwar Chandra Darnal	Assistant Professor (H.o.D.)		1. The Kanchenjunga (translation_Book) ; Bhim Santosh's Prism:

Name	Designation	Department	Paper Name & Link
			Refracting Samayankan Sahitya to Craft Universal Time.- Book chapter 2. ISBN: 978-93-5578-448-3 ; An introduction to Indian Nepali Litterateurs
Ms. Yumnam Momojit Singh	Senior Skill Instructor	School of Computer Science Engineering	Dynamic defenses against adversarial attacks - https://link.springer.com/book/9789819780891
Mr. Sabin Pandey	Assistant Professor		Communicative Language Teaching in Sikkim - Sabin Pandey Google Scholar Profile
Mr. Diwash Kapil Chettri	Academic Coordinator/Administration Coordinator	School of Computer Science Engineering	Explainable AI for Decision-Making Systems: Investigate the Development of Explainable AI Techniques for Decision-Making Systems and Evaluate their Effectiveness in Improving the Transparency and Accountability of these Systems - https://journal.ijmdes.com/ijmdes/article/view/109
Dr. Kamal Joshi	Assistant Professor & HOD	School of Management and Commerce	<ol style="list-style-type: none"> 1. Measuring the intensity of challenges and problems of small-scale entrepreneurs in Uttarakhand, India 2. The Integral Role of Business Ethics in Modern Management: Fostering Stakeholder Trust, Promoting Sustainability, and Driving Organizational Success.

Name	Designation	Department	Paper Name & Link
			<p>3. Artificial Intelligence Integration in Small and Medium Enterprises: Obstacles and Prospects</p> <p>4. Exploring Socio-Economic Factors and Business Profiles: A Holistic Study of Small-Scale Entrepreneurship Dynamics.</p> <p>5. Motivation and Challenges of Homestay Owners in Uttarakhand</p> <p>6. Perception of Small-Scale Entrepreneurs Towards Government Support in Uttarakhand</p> <p>7. GROWTH AND PERFORMANCE OF SMALL-SCALE ENTERPRISES IN UTTARAKHAND</p> <p>8. Perception of Small-Scale Entrepreneurs Towards Government Support in Uttarakhand - Kamal Joshi, Ritu Bharti, R. C. Dangwal, 2021</p>
Mr. Mohammad Jamal	Assistant Professor & Assistant Dean	School of Management and Commerce	<p>1. Artificial Intelligence Integration in Small and Medium Enterprises: Obstacles and Prospects - (PDF) Artificial Intelligence Integration in Small and Medium Enterprises: Obstacles and Prospects</p> <p>2. Measuring the intensity of challenges and problems of small-scale entrepreneurs in Uttarakhand, India</p> <p>3. The Integral Role of</p>

Name	Designation	Department	Paper Name & Link
			<p>Business Ethics in Modern Management: Fostering Stakeholder Trust, Promoting Sustainability, and Driving Organizational Success.</p> <p>4. Strategic Management and Corporate Governance</p> <p>5 . Marketing Management</p>
Mr. Nawang Lama	Assistant Professor	School of Computer Science and Engineering	<p>1. Survey: visual navigation for mobile robot - https://scholar.google.com/citations?view_op=view_citation&hl=en&user=GaAuidsAAAAJ&authuser=1&citation_for_view=GaAuidsAAAAJ:u5H HmVD_uO8C</p> <p>2. Development of Colorimetric Sensor Device for Fast, Easy to use, On the spot and Low cost Detection of Tuberculosis - https://support.owlstonenotech.com/hc/en-us/community/posts/7101577564445-Development-of-Colorimetric-Sensor-Device-for-Fast-Easy-to-use-On-the-spot-and-Low-cost-Detection-of-Tuberculosis</p>
Mr. Vivek Shrivastav	Adjunct Faculty	School of Computer Science and Engineering	<p>Nonlinear Coupling of Kinetic Alfvén Waves and Ion Acoustic Waves in the Inner Heliosphere - https://iopscience.iop.org/article/10.1088/1674-4527/ad76ee</p>