**RESUME**



**Dr. Jyoti Sharma** A-10, Adarsh Nagar,

B.Sc., M.Sc., D. Phil Meerut, U.P. 250001

**E-mail:** drjyotisharma24@gmail.com Phone: 09412833952

**jyoti2@shobhituniversity.ac.in**

**CAREER OBJECTIVE**

To obtain a challenging and rewarding position, which provide an opportunity for growth and development by utilizing my experience in teaching and research.

**EDUCATIONAL QUALIFICATION**

* D. Phil in Organic Chemistry from Allahabad University, Allahabad topic “Organic Analysis by Electrochemical Sensors” in 2005.

**EXPERIENCE**

* Presently working as Professor in Shobhit University, Meerut from August 2005.
* 16 years of teaching experience.
* 20 years of research Experience.
* Three Ph.D. awarded under my Supervision.
* Supervisor of Eight Ph.D. and two M.Phil. students in the area of Environmental chemistry, Pharma Chemistry
* Supervising dissertation work of M.Tech. and B.Tech. Students in the area of Biotechnology.
* Subjects: Applied Chemistry, Environment Science, Bio-Chemistry, Agriculture chemistry.

**PROFESSIONAL RECOGNITION/ AWARD**

|  |  |  |  |
| --- | --- | --- | --- |
| **S. NO.** | **Name of Award** | **Awarding Agency** | **Year** |
| 1 | Researcher Excellence Award | Institute of Scholars (InSc)ISO 9001:2015, Accredited by UASL  | 2020 |
| 2 | Academic Excellence Award | Institute of Scholars (InSc)ISO 9001:2015, Accredited by UASL  | 2020 |
| 3 | Life time Professional Membership | Institute of Scholars (InSc)ISO 9001:2015, Accredited by UASL  | 2020 |
| 4 | Award of Honour | Editor in Indian Association of Biomedical Scientist  | 2016 |
| 5 | Nominated as an active committee member  | ICFA Working Group on ICT, New Delhi | 2015 |
| 6 | Member | Journal of Environmental Research and Development | 2006 |
| 7 | Life time Membership | Indian Chemical Society, Kolkata, W.B. | 2001 |
| 8 | Life time Membership | Bhaba Atomic Research Centre | 2000 |
| 9 | Reviewer in International Journal | International Journal of Basic and Applied Sciences | 2020 |
| 10 | Best Paper Presented and Best Content Award | Springer & KIIT & World Leadership Academy | 2021 |
| 11 | Reviewer Excellence Award | Agriculture Research Communication Center (ARCC) Journal | 2021 |

**ADMINISTRATIVE EXPERIENCE**

* Coordinator of Centre for Agri Informatics Engineering. Shobhit University, Meerut, since 2010.
* Working as Chief Warden at Shobhit University, Meerut, since 2012.
* Active member of Admission Cell.
* Program coordinator of “Nai Roshni” Training program sponsored by Ministry of Minority Affairs, G.O.I., New Delhi.

**WORKSHOP/SEMINAR/CONFERENCES ATTENDED**

* Workshop on “Radiochemistry and Application of Radioisotopes “organized by Association of Nuclear Chemist and Allied Scientist, Radiochemistry division, Bhabha Atomic Research centre (BARC), Mumbai (March27 to April 3, 2000).
* Attended Seminar organized by The National Academy of Science India (Nov 3 to Nov. 6, 2000).
* Workshop cum seminar on “Electro Analytical Chemistry & Allied Topics” at BARC, Mumbai (Nov. 27 to Dec.1, 2000).
* Attended seminar on polymer science at M.I.N.R., Allahabad (Oct. 2004).
* Attended conference on Annual Convention of Chemists (Dec.23 to 27, 2004) at Delhi University, Delhi
* Workshop on “Recent Trends in Nanoscience & Nanotechnology “Organised by Shobhit Institute of Engineering & Technology Deemed-to-be University Meerut. (Oct., 3rd 2009).
* Attended National Seminar on “Contemporary Research in Material Science and Chemical Biology” Organized by Allahabad Chapter of the Indian Science Congress Association and the Indian Society Allahabad University, Allahabad (31st Jan. to 2nd Feb., 2010).
* Attended Workshop on “Nanomaterials Recent Techniques and Application Organized by School of Basic and Applied Science, Shobhit University, Meerut. (27th March, 2010).
* Attended Symposium cum Workshop on Recent Trends in Bio-Medical Engg. Organized by Shobhit University, Meerut (10th to 11th Feb., 2010).
* Attended a Workshop on Innovation in Agri Informatics Programmes Study and Research Organized by Centre for Agri Informatics Engg., Shobhit University, Meerut (4th Dec., 2010).
* Attended a symposium on “Innovation in Biomedical Engineering and Technology organised by Shobhit University, Meerut- 22 August, 2011.
* Attended a National Workshop cum symposium on “Biological Effects of Microwave Radiation Exposure and Dosimetry organised by School of Environmental Sciences, JNU, and New Delhi: 14th Jan, 2012.
* Attended an International Workshop on the 6th Annual Conference of the India section of the AOAC International towards collaborative Leadership to Ensure Food Safety organized by AOAC International – India Section at The Park, New Delhi (28th Feb – 1st Mar 2019).
* Attended a National Conference on “Agricultural Sciences and Sustainable Environment (ASSE-2018)” organised by Society for Scientific and Social Development (SSSD), Meerut, UP and Shobhit University, Meerut, UP, India (284th Feb 2018).
* Attended an International Conference on 7th annual conference of India Section of AOAC International 2020 organized by AOAC International at The Park, New Delhi ( 28th – 29th Feb 2020).
* Attended a National Conference on “Recent Trends in Basic & Applied Science for Sustainable Environment (RT-BASE 2018) organised by Subharti College of Sciences, Subharti University, Meerut, UP (1st – 2nd Feb 2018).
* Attended a National Conference on “Identification Convergence, Implementation & Extension of Sciences- Tech-Research for Sustainable Development (ICIESSD-2019) organized by New Age Mobilization Society, New Delhi & Sardar Vallabhai Patel University of Agriculture & Technology (SVPUA&T), Meerut, UP at SVPUAT, Meerut, UP (20-21 April 2019).
* Attended an International conference on “Advances in Agricultural and Biodiversity Conservation for Sustainable Development (ABCD-2017) oganized by Agricultural Technology Development Society (ATDS), Ghaziabad, UP and Department of Horticulture, C.C.S University, Meerut, UP at Brahaspati Bhawan, C.C.S University, Meerut, UP, India (27-28 Oct 2017).
* Attended One Day Workshop on “Cell Line Cultures” organized by School of Biological & Life Sciences, Shobhit Deemed University, Meerut in collaboration with INMAS, DRDO, New Delhi at Shobhit Institute of Engineering and Technology (Deemed-to-be University), Meerut, UP (2nd March 2019).
* Attended One Day Workshop on “Bioinformatics Panorama in Agriculture and Health” organized by Department of Biological Engineering, Shobhit University, Meerut, UP, India (4th Mar 2016).
* Attended a National Conference on “Emerging Trends in Agricultural Sciences and its Impact on Sustainable Livelihood (ETAS-2017) organized by Society for Scientific and Social Development (SSSD) and Shobhit University, Meerut, UP (25-26 Feb 2017).
* Attended an International conference on “Global Approaches in Natural Resource Management for Climate Smart Agriculture (GNRSA-2020) during Pandemic Era of COVID-19” organized by Agricultural Technology Development Society (ATDS), Ghaziabad, UP, India at Conference Hall, Shobhit University, Meerut, UP (26-28 Feb 2021).
* Attended an 5th Global Outreach International Conference on “Modern Approaches for Smart Agriculture (MASA-2020) organized by Shobhit Institute of Engineering and Technology, Meerut, UP in collaboration with Global Outreach Research and Education Association and Society for Plant Research (28-29th Feb 2020).
* Attended 2nd National Conference on “Technological and Emerging Aspects in Agriculture and Community Science” organized by Society for World Environment, Food and Technology, New Delhi at International Bhuddist Research Institute, Lucknow, UP (7-8th Feb 2020).
* Attended International E-Conference on “ Advanced and Innovative material for Sustainable Future 2020” organised by Department of Chemistry, Ram Ratan Singh College, Mokama, Patna on 22-23rd June, 2020.
* Attended International Webinar on “Health and Environment Protection during Pandemic Outbreak of COVID-19” organized by Department of Chemistry, Sam Higginbottom University of Agriculture, Technology and Sciences (SHUATS), Allahabad on 25-26th June 2020.
* Attended Four Days International Webinar on “BIO CONCLAVE- An Intellectual war against COVID-19 pandemic” organised by Department of Pharmaceutical Biotechnology, Hindu College of Pharmacy, Guntur, AP on 19-22nd June 2020.
* Attended International E-Conference on “Role of Management, Education and Social Sciences in Responsible Research and Innovation: Challenges and Realities on 20th Aug 2020.
* Attended National live webinar on “Clinical Characteristics and Laboratory Diagnostic Challenges of COVID-19” organised by Department of Pharmaceutical Technology, MIET, UP on 29th Sept 2020.
* Attended LSME online International Conference on “Role of Management, Education and Social Science in Responsible Research and Innovations: Challenges and Realities” organized by London School of Management Education on 19-20th Aug 2020.
* Attended live session on “Innovation Commercialisation for Atmanirbhar Bharat by Dr. H. Purushotam, Chairman and Managing Director, National Research Development Organisation” organised by Turnip Innovations Pvt. Ltd. On 14th Aug 2020.
* Attended live session on “Patent protection for Innovation Driven Educational Institutions” organised by Turnip Innovations, in association with The Frontiers Legal on 29th Aug 2020.
* Attended online workshop on “Essentials of Writing International Quality Research Papers and Publishing in High-impact International Journals” Organised by School of Business Studies, Shobhit Institute of Engineering and Technology (Deemed-to-be University), Meerut, UP on 8th Aug 2020.
* Attended E-Webinar on “Higher & Technical Education Conclave, North India 2020” organized by ELETS Technomedia and digital Learning Magazine on 24th July 2020.
* Attended International E-Seminar on “Biodiversity & Human Welfare” organized by School of Biological Engineering & Life Sciences, Shobhit Institute of Engineering and Technology (Deemed-to-be University), Meerut, UP on 5-6th June 2020.
* Attended International Web Conference on “Perspective on Agricultural and Applied Science in COVID-19 Scenario (PAAS-2020)” organised by AETDS; SWERI, Egypt; CAU, Barapani, Meghalaya; BARI, Bangladesh on 4-6th Oct 2020.
* Attended an International Webinar on “PRAJWALA- on Contemporary issues in Pharmaceutical Regualtory Affairs” organized by Department of Pharma Regulatory Affirs, Hindu College of Pharmacy, AP on 25-28th June 2020.
* Attended 2nd International Conference on “Electronic System and Intelligent Computing (ESIC-2021)” organised by Springer and KIIT and World Leadership Academy on 5-6th Nov 2021.
* Attended International E-Seminar on “Loss of Biodiversity: Global Environment & Health Challenges” organised by Shobhit Institute of Engineering and Technology (Deemed-to-be University, Meerut on 5-7th June 2021.
* Attended an International Conference on “Innovation and Application in Science and Technology (ICIAST-2021)” organized by Department of Applied Science, Galgotias College of Engineering and Technology, Greater Noida, UP, India on 21-23rd Dec 2021.
* Attended IP Awareness/ Training Program under National Intellectual property Awareness Mission organized by Intellectual Property Office, India on 23rd Dec 2021
* Attended pre- event and main event of Turnip innovation festival 2022 organized by Turnip innovation on 22nd Jan 2022.
* Attended Capacity building series Atamnirbhar Bharat moving toward self reliant India virtual training session on EI and Communication skill for Effective Performance organized by ASSOCAM on 14th Feb 2022.

**PAPERS PRESENTED IN NATIONAL & INTERNATIONAL CONFERENCE**

* Presented a Paper in 48th Annual Convention of Chemists 2003 paper entitled “Applications of Copper II in selective electrodes in organic estimation” during Dec., 2003 at Bundelkhand University, Jhansi.
* Presented a research paper on “Determination of Hydrazine in Environmental by using electrochemical Sensors” in a seminar on Status of Bio- Diversity among the Mountainous states of India during March 15-16, 2008 at Gurukul Kangri Vishwavidyalaya, Haridwar.
* Presented a paper in the International Congress of Environmental Research on “Electrochemical analysis of heavy metal (Cd and Pb) in contaminated soil” during Dec. 18 – 20, 2008 at BITS Pilani, Goa Campus.
* Presented a paper in the seminar on Emerging Trends and Advances in Chemical Research on “Analysis of reducing sugar in Industrial food product by electrochemical Sensor” during 8-10 Feb.2009 at University of Allahabad, Allahabad.
* Presented a Paper in 46th Annual Convention of Chemists 2009 on “Eco-friendly and Industrially Feasible technology for analysis and removal of toxin content from waste water” Organized by Indian Chemical Society, during 2nd to 6th Dec., 2009 at VIT University Vellore, Tamilnadu.
* Presented a paper in National Symposium on Impact of Trends in climate Change on Bio-diversity and Faunistic Systems on “Impact of Heavy metals in Soil and Their Effect on Soil Microbial Biodiversity” Organized by Indian Academy of Environmental Sciences, during 19th to 20th Feb., 2010 at Gurukul Kangri Vishwavidyalaya, Haridwar.
* Presented a paper in Annual Conference in Vijnanaparishad of India and “The Global Society of Mathematical and Allied Sciences on “Monitoring Micronutrients In The Agricultural Soil Using A Novel Ion Selective Electrode Technique” organized by School of Basic and Applied Sciences; Shobhit University Meerut .March 24-26, 2011”
* Presented a paper in National Seminar on Status of Environment and Biodiversity: RIO + 20 and role of Space Technology on “The study of nitrogen concentration in soil of *Azardicaindica* and its effect on growth of *Fusariumoxysporum”* organized by Indian Academy of Environmental Sciences, Haridwar. November 2nd -3rd, 2012.
* Presented a paper in International Conference on Impact of Technological Tools on Food Security under Global Warming Scenario (ITTFS-2013), on “Evaluation of nitrate in soil using novel membrane based Ion selective electrode technique” organized by HI-TECH Horticultural Society, Meerut. 2013
* Presented a paper in 1st national conference on “Approaches towards protection of Biological Resources sponsored by Department of Science and Technology” (DST) on “Bio Sorption of Copper by Tea Leave to Conserve Biodiversity” organized by Faculty of Biological Engineering, Shobhit University Meerut. May 8th – 9th 2015.
* Presented a paper on the topic “Green Technology for Wastewater Management”,  CICON 2015 conference organized by Shobhit university Meerut on 12th September, 2015
* Beena Rawat, Jayanand Manjhi, Jyoti Sharma "Therepeutic effect of Balsamodendron Mukul Gum Resin extract on Osteoarthritis", Proceeding of  Ageing 2015 organized by Shobhit university Gangoh on 28th – 29th November, 2015
* Oral presentation on the topic “Use of agrochemicals and their Impact on the Environment and their alternatives”. In National Conference Recent Trends in Basic & Applied Sciences for Sustainable Environment (RT-BASE 2018) organized by Subharti University, Meerut. February 1st & 2nd, 2018.
* Oral presentation on the topic “Gene Expression and regulation in response to Abiotic Stress in Plants” In National Conference Recent Trends in Basic & Applied Sciences for Sustainable Environment (RT-BASE 2018) organized by Subharti University, Meerut. February 1st & 2nd, 2018.
* Oral Paper Presentation on the topic “Studies------ solani” at a National Conference on “Identification Convergence, Implementation & Extension of Sciences- Tech-Research for Sustainable Development (ICIESSD-2019) organized by New Age Mobilization Society, New Delhi & Sardar Vallabhai Patel University of Agriculture & Technology (SVPUA&T), Meerut, UP at SVPUAT, Meerut, UP (20-21 April 2019).
* Paper Presented on the topic “Analysis of Ground Water at Naujheel (Mathura) in the vicinity of Yamuna River” at 2nd National Conference on “Technological and Emerging Aspects in Agriculture and Community Science” organized by Society for World Environment, Food and Technology, New Delhi at International Bhuddist Research Institute, Lucknow, UP on 7-8th Feb 2020.
* Paper Presented on the topic “Method optimization for the quantitative determination of multipesticides residues in potato by using GUHRMS (orbitrap), in Full scan. In international Conference organized by AOAC International – India Section at The Park, New Delhi on 28th – 29th Feb 2020.
* Paper present on the topic “Activness Dactyloctemium aegyptism extracts on soil Borne fungal Pathogens and Germination effects of on Different part of Green gram” in International Web Conference on “ Perspective on Agricultural and Applied Sciences in COVID-19 Scenario (PAAS-2020) organised by AETDS; SWERI, Egypt; CAU, Barapani, Meghlaya; BARI, Bangladesh on 4-6th Oct 2020.
* Paper presented on the topic “ Impact of Nationwide Lockdown Covid-19 on Water Quality of Yamuna River in District Mathura (U.P) in 2nd International Conference on Electronic Systems and Intelligent Computing (ESIC-2021) organized by KIIT Deemed to be University, Bhubneswar on 5th and 6th November 2021. (Also received Best presentation and best content award).
* Paper presented on the topic “LC-MS/MS BASED DETECTION OF VILAZODONEIN BIOLOGICAL MATRICS” in 7th National Conference on Innovations in science, Engineering and TechnologyScience & Technology for Sustainable Development with Women Empowerment (A Multi- Disciplinary National Conference for all discipline included Engg. & Technology) NCISET-2022held on 19th Feb 2022**.**

**PUBLICATIONS IN JOURNAL**

* Sarvendra Pratap Singh & **Jyoti Sharma** (2021) Optimization of Clean-up Process Conditions by Comparative Analysis of Dispersive Solid Phase Extraction and Automated Micro Solid Phase Extraction Clean-up for GC-MS/MS Analysis of Pesticides in Tuber Crops, Analytical Chemistry Letters, 11:1, 29-38, DOI: 10.1080/22297928.2021.1877196 ISSN: 2229-7928 (Print); ISSN: 2230-7532 (Online)
* Sarvendra Pratap Singh , **Jyoti Sharma** & Pragya Prakash (2020) Development of a Gas Chromatography Tandem Mass Spectrometry-Based Analytical Method for the Quantitative Determination of Organochlorine Pesticide Residues in Potato Crops, Analytical Chemistry Letters, 10:6, 811-826, DOI: 10.1080/22297928.2021.1875872
* Alka Sahrawat, **Jyoti Sharma**, Subhash Kumar Jawla and Preeti Verma COMPARATIVE EVALUATION OF *CHENOPODIUM ALBUM* WEED ON ANTIOXIDANT AND ANTIFUNGAL ACTIVITY AGAINST FUNGAL PHYTOPATHOGENS ***Plant Archives*** Vol. 20, Special Issue (AIAAS-2020), 2020 pp. 484-488 ***ISSN 0972- 5210.***
* Dr. Dharmendra Kumar, Dr Bhavana Srivastava, Dr Yadu Nandan Dey, **Dr Jyoti Sharma**, Dr Ankush Jadhav., Beneficial effect of standardized extracts of Amorphophallus paeoniifolius tuber on experimental constipation in rats, Journal ( Heliyon 6 [2020] e04023 . Contents lists available at ScienceDirect journal homepage: [www.cell.com/heliyon](http://www.cell.com/heliyon) . Accepted 15 May 2020. 2405-8440/© 2020 The Authors. Published by Elsevier Ltd. This is an open access article under the CC BY license (http://creativecommons.org/licenses/by/4.0/).
* Mohd. Ziya and **Jyoti Sharma** (**2019**). “ Honey and Its Beneficial Therapeutic Effect “ A Review, Journal of Pharmacognosy And Phytochaemistry. E-ISSN: 2278-4136(2019,8(4) 1056-1061.
* Vishwakarma H , **Sharma Jyoti** , Solanke A , Singh G.P. and Padaria Jasdeep (**2019**). “Isolation and Characterization of Stress Inducible Protein (TaSti/Hop) from Heat-Tolerant Wheat Cultivar C306”. Research Journal of Biotechnology (2019)14 (6): 111-121 (IF 0.21)
* Neha Shukla , **Jyoti Sharma** , Snighdha Tiwari (**2018**). “ Evaluation Of Volatile Compounds And Fatty Acids Methyl Ester( Fame) Through Gas Chromatography In Cumin Seeds “. 2018, Journal of Pharmacognosy and Phytochemistry 7(4) (1125-1129) ISSN 2270-4136.
* Alka Sahrawat, **Jyoti Sharma**, Snigdha Tiwari and **Siddarth Nandan Rahul\*** (**2018**). A comparative study of nutritional and nonnutritional composition of mushroom capable of growing on the different waste: Review. *International Journal of Chemical Studies.* 2018; 6(3): 223-229.
* Alka Sahrawat, **Jyoti Sharma**, Siddarth Nandan Rahul**\*,** and D. V. Rai (2018) *Parthenium hysterophorus* current status and its possible effects on mammalians- A Review. *International Journal of Current Microbiology and Applied Sciences* ***ISSN: 2319-7706* Volume 7 Number 11.**
* Alka sahrawat, **Jyoti Sharma**, Siddarth N Rahul, Snigdha Tiwari, Maya

Datt Joshi Phytochemical analysis and Antibacterial properties of *Azadirachta indica* (Neem) leaves extract against *E.coli* Journal of Pharmacognosy and Phytochemistry 2018; 7(4):1368-1371.

* Vishwakarma H and **Jyoti Sharma** (**2018**). Real time and in-silico based analysis of heat stress responsive transcription factor MBF1c from wheat. IJASRM.3(11):1-10.
* Shwetma Mishra, Jayanand1G. S. Shukla, **Jyoti Sharma**, “Study on an Associated Dietary Factors Causing Anaemia in College Female Students”, Int J S Res Sci. Tech. **2018** Mar-Apr;4(5): 933-939.

* Mallappa M, Shivakumar A, Babu Giriya Gowda1, Nagesh Babu R and **Jyoti Sharma** (**2017**). Binding Study of Thiamine Hydrochloride to Bovine Serum Albumin: Spectroscopic and Molecular Modeling Methods. Journal of Chemical and Pharmaceutical Research, 2017, 9(2):85-91
* **Jyoti Sharma** & Rajkumar Sharma Physico- Chemical Analysis of Organic Pollutant in Wastewater of Chemical Industry. Journal of Interdisciplinary Research, Vol.1, No.1, Jan-June **2015** **ISSN: 2394-8841**
* **Jyoti Sharma** & Rajkumar Sharma. A Novel Advanced Catalytic liquid –phase Oxidation process for high concentrated organic waste water treatment in Journal of Environmental Science, Computer Science and Engineering and Technology. (JECET) Vol.3, No. 3, 1235-1241, June 2014 –August **2014**, E **ISSN -2278-179X**
* Babu Giriya Gowda, Mallappa M., Shivakumar A. and **Jyoti Sharma** Electrochemical and spectroscopic studies on the interaction of Ketoconazole with Herring Sperm DNA, Der Pharma Chemica, **2014**, 6(5):256-264, **ISSN 0975-413X**
* **Jyoti Sharma** & Rajkumar Sharma. COD reduction from industrial waste water using Thermal liquid – phase oxidation technique, International Journal of Chemical Sciences. 11(2), **2013**, 728-734 **ISSN 0972-768X.**
* **Jyoti Sharma** & Rajkumar Sharma. An Efficient Green Catalytic Process for Degradation of Organic Pollutants in Industrial Waste Waters. in International Journal Of Engineering Research And Technology.(August **2013**) **ISSN:2278-0181**
* **Jyoti Sharma,** Meenakshi Yadav, Gaurav Kumar, Maneesh Gupta, Jayanand and Rai, D.V**.** The Study Of Nitrogen Concentration In Soil of *AzadirachtaIndica* And Its Effect On Growth Of *Fusarium Oxysporum,* International journal of current research Vol.5,Issue 10, 2759-2761, **2013** **ISSN: 0975-833X**.
* Priyank Bharati, Rajashree Sinha, Mayank Bharati, Jayank Bharati & **Jyoti Sharma** Study the standard of drinking water and its effects on human health in some areas of Meerut (UP), Asian Journal of Biochemical and Pharmaceutical Research Vol. 2(3), 112-122, **2012**. **ISSN 2231-2560.**
* **Jyoti Sharma** Impact of Heavy metals in Soil and Their effect on Soil Microbial Biodiversity Journal of Environment and Bio Science, **2011**: Vol 25(1)119-121.ISSN 0976-3384(online)
* **Jyoti Sharma** Electrochemical Analysis of heavy metals (Cd and Pb) in contaminated soil in Journal of Environmental Research and Development, Published from Bhopal. India, Vol. 03,(**2009**), 830-839.

* Snigdha Tiwari, Alka Sahrawat, **Jyoti Sharma**, Rupesh Kumar, Maya D. Joshi, Aditya Pundhir, Siddarth N. Rahul**\*** and D. V. Rai (**2018**) Plantibodies: An alternative approach for viral disease resistance in plants. CUMMUNICATED

**PUBLICATIONS IN BOOK**

* **Jyoti Sharma** and Amit Chattri '**Heavy Metal Detection in Soil and its Treatment (Bioremedition) with Nano-materials**' in the book entitled '**Advances in Bioremidiation and Phytoremedition for Sustainable Soil Management**' under the book series of **'Innovation in Landscape Research' Accepted chapter in Springer Nature 2021**
* Sharma, J and Poonia, V Biochemistry: The Chemical Basis of Life in Swarup, A and Rai, D.V Principles & Perspectives in Biotechnology (Experimental Approach) Krishna prakashan Media (P) Ltd Meerut 2011.
* Sharma, J., Nutrient management Agricultural Soils in Singh,B Soil and Water Management (Irrigation & Drainage). Published by Shobhit University,Meerut 2009.

**FACTULY DEVELOPMENT PROGRAMME (FDP):**

* Attended One week FDP on “Tools and Techniques for Writing Quality Research Paper and Publishing in High Impact International journals” organized by Internal Quality Assurance Cell (IQAC) & Shobhit Institute of Engineering and Technology (Deemed-to-be University), Meerut on 22-27th Sept 2020.
* Attended 5 days FDP on “CRISP- Creative Research and Innovation in Spectroscopy” organized by Hindu College of Pharmacy, Guntur, AP on 8-13th June 2020.
* Attended 5 Days FDP on “Environment” organized by NITTTR, Chandigarh on 29th April to 3rd May 2019.
* Attended 5 Days FDP on “Science and Technology” organized by NITTTR, Chandigarh on 27-31st May 2019.
* Attended 5 Days FDP on “Skill Development” organized by NITTTR, Chandigarh on 27-31st May 2019.
* Attended One Week FDP on “Multidisciplinary Approches in Research and Basic Teaching Methodologies in 21st Century (FDP-MARBTC 2020)” organized by Department of Chemistry, R.R.S College, Mokama, Bihar on 14-21 Dec 2020.

**OTHER ACADEMIC ACTIVITIES AND SESSION / CONFERENCE / WEBINAR / WORKSHOP CHAIRED:**

* As an External Practical Examiner by UPTU at SIET, 2007
* As an Evaluator (Applied Chemistry) by UPTU, 2007
* As a Guest Lecturer at Workshop on ‘Soil & Water Management’ By Center of Agri InformaticsEngg.,ShobhitUniversity, Meerut, Nov. 2009.
* Organized as Organizing Secretary a Workshop on “Innovation in Agri Informatics Programs Studies and Research” Organized by Centre for Agri Informatics Engg., ShobhitUniversity, Meerut Dec., 4th 2010).
* Organized a Workshop on Application of GIS and GPS Technologies inAgriculture and Forestry organised by centre for Agri-Informatics engineering; Shobhit University Meerut on March 6, 2011.
* Organized as joint Secretary a Annual Conference of Vijnanaparishad of India and “The Global Society of Mathematical and Allied Sciences; organized by School of Basic and Applied Sciences; Shobhit University Meerut on March 24-26, 2011”
* Organized as joint Secretary a Workshop on “Bio-Innovation Technical Aspects BITA-2011” Organized by School of Biotechnology Centre for Biomedical engineering; ShohitUniversity; Meerut; April2-3, 2011.
* Organized as Joint Secretary Summer school & Hands on Training on”Basic Techniques and Tools in Bioinformatics and Bioengineering” organized by School of Biotechnology ;Shobhit University Meerut June 18-July17, 2011
* Organized as Organizing Secretary Workshop on "Emerging Trends in Agri-informatics and Bioinformatics" organized by Centre of Agri-Informatics and Bioinformatics, Faculty of Biological Engineering, Shobhit University, Meerut in Feb., 18th 2012.
* Active Member of organizing committee “National seminar cum workshop on biomedical research and clinical applications of radio isotopes” Organized by Shobhit University Meerut in 2012 March.
* Active member of organizing committee of “International Aesthetic & Laser Medicine” Workshop Organized by Shobhit University Meerut in July 2012.
* Organized as a Coordinator “Workshop on Recent Trends and Tools in Bioinformatics and information technology Organized by Shobhit University Meerut in September 27-28, 2013.”
* Organized as a Coordinator “Workshop on Recent Trends and Innovation in Nano biotechnology” organized by Faculty of Biological Engineering, Shobhit university, Meerut on April 19th, 2014.
* Active Member of organizing committee in State level paper presentation competition in Agri Science, Engineering &Technology A Basic to Advanced Approaches. Organized by School of Agriculture and science Shobhit University Gangoh. April 26, 2014.
* Active member of organizing committee “ One day Workshop on Therapeutic Instrumentation organized by faculty of biological engineering Shobhit University Meerut on Nov 23, 2014.
* Worked as a convener in a seminar cum workshop on “ Applications of Remote Sensing, GIS and GPS in Environment Management” organized by Faculty of Biological Engineering, Shobhit University Meerut on February 20th, 2015
* Organized a “Workshop on Recent Trends and Tools in Bioinformatics and Information technology Organized by Shobhit University Meerut, 2015
* Organized a seminar cum workshop on “Bioinformatics Panorama in Agriculture and Health” organized by Faculty of Biological Engineering, Shobhit University Meerut on March 4, 2016
* Attended Agricultural conference on impact of climate change on agricultural productivity and scarcity of water, School of Biological Engineering, Shobhit University, Meerut, Feb. 3rd, 2017.
* Organized and attended, National conference on Emerging Trends in Agricultural Sciences and its Impact on Sustainable livelihood (ETAS-2017),School of Biological Engineering, Shobhit University, Meerut, Feb. 25th- 26th, 2017.
* Attended Fair and Agro-Industrial Exhibition: “KisanMela”, Sardar Vallabhbhai Patel University of Ag & Tech, Meerut, Oct. 7th, 2017.
* Organized One day hands on training on Application of Therapeutic devices in Bioengineering Sciences, School of Biological Engineering, Shobhit University, Meerut, Oct. 10th, 2017.
* Attended Future Agritech Summit: Digitization & Business of Agriculture, Hotel Taj Mansingh, New Delhi, Oct. 13th, 2017.
* Organized and attended, Symposium on ‘Biological clock and its importance for Indian Lifestyle’, School of Biological Engineering, Shobhit University, Meerut, Oct. 14th, 2017.
* Organized and attended International Conference on Advances in Agricultural Biodiversity Conservation for Sustainable Development, CCS University, Meerut, Oct. 27-28, 2017
* Organized Quiz on ‘Physics and Nobel Prize’, School of Basic and Applied Science, Shobhit University, Meerut, Nov. 7th, 2017.
* **Collaboration with Amity University, Noida as an External Supervisor of Ph. D. Scholar in Forensic Chemistry Department**
* Attended a Quiz on “Health and Environment during Pandemic outbreak of COVID-19” organised by Department of Chemistry, SHUATS, Prayaraj, UP on 25th June 2020.
* Attended a Quiz on World Environment day organized by Dr. Ram Manohar Lohiya Degree (P.G.) College Allipur, Hardoi on 5th June 2020.
* Attended a Quiz on “ Social Awareness Quiz Competition on Corona Virus/ COVID-19” organised by Department of Physics, D.A.V.P.G College, Gorakhpur on 6 June 2020.
* Chaired an International Conference on “Innovation and Application in Science and Technology (ICIAST-2021)” organized by Department of Applied Science, Galgotias College of Engineering and Technology, Greater Noida, UP, India on 21-23rd Dec 2021.

**PERSONAL DETAILS:**

**Date of birth** : 19th July 1973

**Marital status** : Married

**Religion** : Hindu

**Nationality** : Indian

**Languages Known** : English, Hindi

**References :**

* Prof. (Dr.) M.C. Chattopadhyay,

ElectrochemicalSensorLaboratory,

Department of Chemistry,

University of Allahabad, Allahabad, U.P.

**Phone :** 09999997538

* Prof. (Dr.) Vipin Tyagi,

Director, IQAC

Shobhit Institute of Engineering and Technology, (Deemed to be University)

Meerut, U.P.

**Phone : 9411068399**

* Dr. Jayanand, Registrar, Director Research,

Noida International University, U.P.

Former Registrar,

Shobhit University, Meerut, U.P.

**Phone : 9557577754**

**Date: 24-09-2021 (DR. JYOTI SHARMA)**

**Place: Meerut (UP)**