**FACULTY PROFILE**

DEPARTMENT: BOTANY

NAME: UMAKANT SINGH



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| DESIGNATION | ASSISTANT PROFESSOR |
| DATE OF JOINING THIS COLLEGE | 1st February, 2021 |
| TEACHING EXPERIENCE | 2YRS |
| CONTACT NO. | 6203434456 |
| EMAIL ID | [umakantsinghvellore@gmail.com](mailto:umakantsinghvellore@gmail.com) |
| ACADEMIC QUALIFICATIONS | M.Sc, Ph.D(pursuing),NET,GATE |
| SPECIALIZATION/ RESEARCH AREA | Special Paper in M.Sc: PLANT PHYSIOLOGY AND BIOTECHNOLOGY  Ph.D Topic: TISSUE CULTURE STUDIES ON SOME ENDANGERED PLANTS OF JHARKHAND   1. *Adansonia digitata* L. 2. *Couroupita guianensis* Aubl. |
| SUPERVISING RESEARCH SCHOLARS/ PURSUING | NIL |
| RESEARCH PAPERS/ ARTICLES | **RESEARCH ARTICLE PUBLISHED IN INTERNATIONAL AND NATIONAL JOURNALS**  1. Singh U, Choudhary A.K (2019).*In* *Vitro* seed germination of *Adansonia digitata* L.: An endangered plant species of Jharkhand. *Journal of Emerging Technology and Innovative Research.* 6(6): 717-722  2. Singh U, Choudhary A.K (2020).*In* *Vitro* seed germination of an endangered plant species of Jharkhand :- *Couroupita guianensis* Aubl.- *Journal of Emerging Technology and Innovative Research.* 7(4): 418-425 |
| EDITED/ AUTHORED BOOKS |  |
| AFFLIATIONS/ ASSOCIATIONS WITH JOURNAL | 1) THE JOURNAL OF INDIAN BOTANICAL SOCIETY  2) THE JOURNAL OF EMERGING TECHNOLOGIES AND INNOVATIVE RESEARCH  3) RANCHI UNIVERSITY JOURNAL OF SCIENCE AND TECHNOLOGY  5) BIOSPECTRA |
| MEMBERSHIP/ ATTACHMENT WITH DIFFERENT ASSOCIATIONS/ INSTITUTIONS/ BODIES/ BOARDS | 1. MICRBIOSOCIETY JHARKHAND 2. MICROBIOLOGISTS SOCIETY, INDIA 3. HERITAGE FOUNDATION, INDIA 4. BIODIVERSITY CONSERVATION FOUNDATION, INDIA 5. NATIONAL SKILL QUALIFICATION FRAMEWORK PALAMAU DIVISION, JHARKHAND 6. KRISHI VIGYAN KENDRA ( DIVYAYAN), RAMKRISHNA MISSION, RANCHI, JHARKHAND 7. EUDOXIA RESEARCH UNIVERSITY CENTRE, INDIA 8. EUDOXIA RESEARCH UNIVERSITY, USA |
| ACHIEVEMENTS/ FELICITATIONS/ AWARDS RECEIVED | 1. SCIENCE EXHIBITION AWARD 2. BEST SPEECH AWARD 3. DEPARTMENTAL QUIZ AWARD |
| ANY OTHER RELEVANT INFORMATION | **COURSES/ TRAINING**   1. UGC sponsored GURU-DAKSHTA 5TH Faculty Induction Programme(FIP) organized by UGC ACADEMIC STAFF COLLEGE, RANCHI UNIVERSITY,RANCHI 2. “PLANT TISSUE CULTURE TRAINING” from DIVYAYAN KRISHI VIGYAN KENDRA, RAMKRISHNA MISSION ASHRAMA, RANCHI, JHARKHAND 3. ONLINE SHORT TERM COURSE ON SOUTH INDIAN ART AND CULTURE organized by HARIBHAI V. DESAI COLLEGE, PUNE in collaboration with HERITAGE FOUNDATION. 4. ONLINE CERTIFICATE COURSE IN RECOMBINANT DNA TECHNOLOGY organized by MICROBIOLOGIST SOCIETY OF INDIA, Sept 2021. 5. ONLINE CERTIFICATE COURSE IN BASICS IN GENOMICS AND PROTEOMICS organized by MICROBIOLOGIST SOCIETY OF INDIA, Feb, 2022 6. DIPLOMA IN COMPUTER APPLICATION from Claret Institute of Employment Training, Ranchi   **CONFERENCES/SEMINARS**   1. **3rd INTERNATIONAL CONFERENCES ON ENVIRONMENT & ECOLOGY (ICEE 2017)** held on 27-28-29 March 2017 at St. Xavier’s College, Ranchi on the topic **“ Tissue Culture As A Powerful Tool To Conserve and Protect Biodiversity of Jharkhand- *Adansonia digitata* L.** 2. **INTERNATIONAL CONFERENCES ON ADVANCES IN ENVIRONMENTAL AND AGRICULTURAL BIOTECHNOLOGY (ICAEA 2018)** held on 22-23-24 February 2018 at St. Xavier’s College, Ranchi on the topic **“ Tissue Culture On Chemist Tree of Jharkhand- *Adansonia digitata* L.’’** 3. **INTERNATIONAL CONFERENCE ON ENVIRONMENTAL CHALLENGES & SUSTAINIBILITY(ICECS 2018)** held on 31st Oct to 2nd Nov. 2018 at Central University of Jharkhand, Ranchi, India 4. **39th Indian Botanical Conference-2016** held on 21-22-23 October at University Department of Botany, Ranchi University on **“ Tissue Culture Studies On Some Endangered Plants Of Jharkhand-**   ***Adansonia digitata* L.**  ***Couroupita guianensis* Aubl.**   1. **NATIONAL SEMINAR ON ENVIRONMENTAL & BIOTECHOLOGICAL PROSPECTS & ISSUE IN INDIA** held on 23-24 June, 2017 on “**Contribution of Tribal Communities In Conservation of Some Endangered Plants of Jharkhand- *Adansonia digitata* L.** 2. **NATIONAL SEMINAR ON CHALLENGES & OPPURTUNITIES IN LIFE SCIENCES** held on 20th April, 2018 at Central University of Jharkhand, Ranchi, India poster presentation on **“*In vitro* Seed Germination of An Endangered Plants Species of Jharkhand- *Adansonia digitata* L.** 3. **2nd NATIONAL CONFERENCE ON DOUBLING FARMER INCOME FOR SUSTAINABLE & HARMONIOUS AGRICULTURE ‘DISHA-2018’** held on 11-12 Aug. 2018 at Indian Lac Research Institute, Namkum, Ranchi 4. **NATIONAL SEMINAR ON HARMONY WITH NATURE IN CONTEXT OF BIODIVERSITY CONSERVATION & ECOSYSTEM MANAGEMENT (HARMONY- 2018)** held on 28-29-30 Oct. 2018 at St. Xavier’s College, Ranchi on the topic **“*In vitro* Seed Germination of *Adansonia digitata* L. An Endangered Medicinal Tree of Jharkhand**   **WEBINARS**   1. Attended **NATIONAL WEBINAR** on “**Traditional Knowledge & Ethnobotany”**held on 20th April, 2022 organized by **BOTANICAL SURVEY OF INDIA** in collaboration with Society of Ethnobotanists. 2. Attended **NATIONAL E-SEMINAR- SPIDERS IN PERIL: Awareness Program on Wildlife Conservation with Special References to Indian Tarantula Spiders held on 19th april,2022 organized by Rajapalayam Raju’s College (A linguistc Minority Co-educational Institution, Affliated to Madurai Kamaraj University.** 3. Attended **INTERNATIONAL E-CONFERENCE** on **“PLAGIARISIM & EMERGING TRENDS IN RESEARCH DEVELOPMENT & METHODOLOGY (ICPERM-2022)** held on 5th Feb,2022 organized by **Miliya Arts, Science and Management Science College, Beed (MS) India.** 4. Attended **NATIONAL WEBINAR** on **“Heritage Sites, National Parks, Tiger Reserves, WLS and Botanical Garden, Zoological Parks, Museum of India- Identification, Conservation Management”** held on 8th to 13th Jan, 2022 **organized by Department of Botany, Govt. M.S Golvalkar College Rewa (M.P)** 5. Attended **NATIONAL LEVEL QUIZ COMPETITION ON NATIONAL SCIENCE DAY- 2022** held onon the topic **“ *Science and Environment for Human Being”*** organized by **NSS CELL, KOLHAN UNIVERSITY, CHAIBASA, JHARKHAND, INDIA** from 24th to 28th Feb, 2022 6. **INTERNATIONAL E-CONFERENCE “CONTRIBUTION OF BIOLOGICAL SCIENCES FOR SUSTAINABLE ENVIRONMENT”** held on 25-26 Feb, 2022organized by Department of Microbiology, Wilson College, Mumbai 7. **NATIONAL WEBINAR** on **COVID-19 & OTHERS INFECTIOUS VIRUSES: MOLECULAR CHARACTERIZATION & THROUGH MEDICINAL PLANTS & AYURVEDIC REMEDIES – 2020** organized by **DNA LABS- A Centre for Applied Science (DLCAS) Dehradun, Uttrakhand.** 8. **NATIONAL WEBINAR** on **COVID-19: Challenges and Oppurtunities in Clinical Knowledge, Research and Diagonistics – 2020** organized by **DNA LABS- A Centre for Applied Science (DLCAS) Dehradun, Uttrakhand.** 9. **NATIONAL WEBINAR** on **COVID-19: GLOBAL LOCKDOWN V/S GLOBAL ENVIRONMENT -2020** organized by **Department of Chemistry, Barielly College.** 10. **NATIONAL WEBINAR** on **Plant as Immunomodulators in COVID-19 Pandemic- 2020** organized by **Department of Botany, Ranchi Women’s College, Ranchi, Jharkhand** 11. **NATIONAL E-QUIZ on Health and Environment protection during pandemic Outbreak of COVID-19-2020** organized by **Department of Chemistry, Sam Higginbottom Univ. of Agriculture Technology & Sciences Prayagraj, U.P** 12. **NATIONAL E-QUIZ on Yoga & Human Health -2020** organized by **Govt. Degree College, Kathua, J&K** 13. **NATIONAL E-QUIZ on Swachh Vidyalaya Swasth Bachhe -2020** organized by State Government of Jharkhand |

