## Uttarakhand State Council For Science & Technology Department of Science & Technology, Govt. of Uttarakhand

## **ORAL Presentation**

| Sno | Discipline     | Cat. | Name                            | Title   |
|-----|----------------|------|---------------------------------|---|
|     | Agricultural   |      |                                 |   |
|     | Sciences       |      |                                 |   |
|     |                |      | Piyush Joshi                    |   |
|     |                |      | Viveka Nand Parvatiya Krishi    | Pseudomonas fragi a Novel   |
|     |                | I    | Anusandhan Sansthan             | Psychrotolerant Phosphate Solubilizing Bacterium from Uttarakhand |
|     |                | 1    | Almora                          | Bacterium from Ottaraknand  |
|     |                |      |                                 |   |
|     |                |      |                                 |   |
|     |                |      |                                 |   |
|     |                |      |                                 |   |
|     |                |      | Usha Bhatt                      | Comparison between the effects of                                 |
|     |                |      | GB Pant University of Agri. And | Maize and Sorghum as pollen parents on                            |
|     |                |      | Technology                      | the haploid formation frequencies in                              |
| 1   | Biotechnology, | II   | Pant Nagar                      | wheat   |
|     | Biochemistry & |      |                                 |   |
|     | Microbiology   |      |                                 |   |
|     |                |      |                                 |   |
|     |                |      | NT 1 N 5*44 1                   |   |
|     |                |      | Neha Mittal                     |   |
|     |                |      |                                 |   |
|     |                |      | Forest Research Institute       | Chloroplast Microsatellite Markers for                            |
|     |                | _    | <b>.</b>                        | Population Genetic Analysis in Sweet                              |
|     |                | I    | Dehradun                        | Flag (Acorus calamus L.)  |
|     |                |      |                                 |   |
|     |                |      |                                 |   |
|     |                |      |                                 |   |
|     |                |      |                                 |   |
|     |                |      |                                 |   |
|     |                |      | Dinesh Yadav                    |   |
|     |                |      |                                 |   |
|     |                |      |                                 |   |
|     |                |      | GB Pant University of Agri. And | Molecular Cloning and in Silico                                   |
|     |                |      | Technology                      | Characterization of Pbf Dof Transcription Factor in Finger Millet |
| 2   |                | II   | Pant Nagar                      | {Eleusine Coracana (L.) Gaertn}                                   |

|   | Botany   |      |   | ]  |
|---|--|------|---|--|
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|   |  |      |   |  |
|   |  |      | Duathha Amus  |  |
|   |  |      | Pratibha Arya   | Occurrence of Aquatic Hyphomycetes as  |
|   |  |      | Kumaun University   | a Root Endophyte in some Riparian  |
|   |  | I    | Nainital Nainital   | plants roots of Nainital, Kumaun<br>Himalaya                                   |
|   |  |      |   |  |
| 3 |  | II   | Not Found Suitable  |  |
|   | Chemistry  |      |   |  |
|   |  |      |   |  |
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|   |  |      |   |  |
|   |  |      | Y. Bansal   | Commonison hotuson Anti funcel estion  |
|   |  |      | 20200   | Comparison between Anti fungal action of Leaf Extract of Catharanthus roseus & |
|   |  |      |   | Combined Action of Miconazole  |
|   |  |      | HNB Garhwal University,   | &Trifluoperazine against Candida   |
|   |  | т    |   | alhicans   |
|   |  | I    | Srinagar  | albicans   |
| 4 |  | I    | Srinagar  | albicans   |
| 4 | Earth Sciences   | I    |   | albicans   |
| 4 | including  | I    | Srinagar  | albicans   |
| 4 | including<br>Geology,  | I    | Srinagar  | albicans   |
| 4 | including  | I    | Srinagar  | albicans   |
| 4 | including<br>Geology,<br>Geomorphology,  | П    | Srinagar  | albicans   |
| 4 | including<br>Geology,<br>Geomorphology,<br>Geophysics &                          | I II | Srinagar  | albicans   |
| 4 | including<br>Geology,<br>Geomorphology,<br>Geophysics &                          |      | Not Found Suitable  | albicans   |
| 5 | including<br>Geology,<br>Geomorphology,<br>Geophysics &                          |      | Not Found Suitable  | albicans   |
|   | including Geology, Geomorphology, Geophysics & Glaciology  Engineering           | I    | Not Found Suitable  Not Found Suitable                                  | albicans   |
|   | including Geology, Geomorphology, Geophysics & Glaciology  Engineering Science & | I    | Not Found Suitable  Not Found Suitable                                  | albicans   |
|   | including Geology, Geomorphology, Geophysics & Glaciology  Engineering           | I    | Not Found Suitable  Not Found Suitable  Not Found Suitable              | albicans   |
|   | including Geology, Geomorphology, Geophysics & Glaciology  Engineering Science & | I    | Not Found Suitable  Not Found Suitable  Not Found Suitable              | albicans   |
|   | including Geology, Geomorphology, Geophysics & Glaciology  Engineering Science & | I    | Not Found Suitable  Not Found Suitable  Not Found Suitable  Praveen Ch. |  |
|   | including Geology, Geomorphology, Geophysics & Glaciology  Engineering Science & | I    | Not Found Suitable  Not Found Suitable  Not Found Suitable              | Enhancement of Energy Efficiencies of Refineries by Pinch Technology           |

|   |   |    | Shailendra Mishra  |  |
|---|---|----|--|--|
|   | Environmental   | II | Dehradun Institute of Technology  Dehradun                   | Link level performance of MIMO system  |
|   | Science &<br>Forestry   |    | Vinay Kumar Tyagi  |  |
|   |   |    | Indian Institute of Technology, Roorkee                      | Feasibility of Continuously flow<br>Sequencing Batch Reactor Treating<br>Municipal Wastewater                                |
|   |   |    | Asha. Upadhyay   |  |
|   |   | I  | G. B. Pant University of Agriculture & Technology, Pantnagar | Potential of plantation forestry for mitigating atmospheric carbon dioxide concentrations - Case study in Uttarakhand, India |
| 7 |   | TT | Not Found Suitable   |  |
| 7 | Home Science including Textile, Food, Nutrition & Child Development | II | Not Found Suitable  Urvashi Pandey                           | Generation Awakens: Shift From<br>Common To Uncommon   |
|   |   | I  | Kumaon University, Nainital.                                 | (An Appeal For Food And Nutrient Secured Uttarakhand)  |
| 8 |   | II | Bhawana Goel   | Lyocell – Adds sparkle to fashion  |

|    |   |    |  | industry   |
|----|---|----|--|--|
|    |   |    |  |  |
|    |   |    | G. B. Pant University of Agriculture and Technology, Pantnagar                             |  |
|    | Mathematics,<br>Statistics &<br>Computer<br>Science |    | Meena Lohani   |  |
|    |   | I  | Govt.M.B.P.G.College, Haldwani   | Modifications of Finite and Infinite<br>Curves under Modulo system                                     |
| 9  |   | II | Not Found Suitable   |  |
|    | Medical Science including Pharmaceutical Science    |    | Sahil Kant Lath  |  |
|    | Science   |    |  |  |
|    |   |    |  |  |
|    |   |    |  |  |
|    |   | I  | Sardar Bhagwan Singh (PG) Institute of Bio-Medical Sciences & Research, Balawala, Dehradun | Synthesis & Pharmacological Evaluation of Substituted Imidazole Derivatives of Diclofenac and Naproxen |
| 10 |   | II | Not Found Suitable   |  |
| 10 | Physics   |    | Tiot I duite Buildage  |  |
|    |   |    | Ajeet Kumar  |  |
|    |   |    |  |  |
|    |   | I  | Indian Institute of Technology<br>Roorkee  | Dual Core Leaky Fibre for High Power<br>Lasers and Amplifiers  |
|    |   |    | Gunjan Purohit   |  |
|    |   |    | DAV PG College   |  |
| 11 |   | II | Dehradun-248 001, Uttarakhand, India.  | Excitation of an upper hybrid wave by relativistic cross focusing of two laser beams                   |

|    | Veterinary<br>Sciences &<br>Animal<br>Husbandry |    | Navneet Kaur   |  |
|----|---|----|--|--|
|    |   |    | G. B. Pant University of Ag. & Technology,                         | Shank feathered local hill fowl production under backyad system for rural development and food security in   |
|    |   | I  | Pantnagar, Uttarakhand   | uttarakhand state  |
|    |   |    | Sonu Ambwani   |  |
| 12 |   | II | G. B. Pant University of Ag. & Technology,  Pantnagar, Uttarakhand | In vitro model system for evaluation of Immunosuppression, Oxidative stress and Apoptosis in avian lymphocytes due to low level dose exposure of Allethrin |
|    | Zoology   |    |  |  |
|    |   |    | Daisy  |  |
|    |   | I  | HNB Garhwal University,<br>Srinagar                                | Molecular characterization of Channa<br>striata and Channa bleheri based on<br>Mitochondrial DNA Markers   |
|    |   | *  | Dr. Ahmad Pervez   |  |
|    |   |    | Biocontrol Laboratory,   |  |
|    |   |    | Govt. Degree College,  |  |
| 13 |   | II | Talwari, Chamoli   | Biocontrol of Aphids using two Species of Predatory Ladybirds  |

| <b>POSTER</b> | Presentation |
|---------------|--------------|
| Name          |              |

| Sno      | Discipline     | Cat. | Name                                | Title  |
|----------|----------------|------|-------------------------------------|--|
|          | Agricultural   |      |                                     |  |
|          | Sciences       |      |                                     |  |
|          |                |      |                                     |  |
|          |                |      |                                     |  |
|          |                |      | Anoop Badoni                        | Importance of Potato Micro Tuber Seed  |
|          |                | I    | HNB Garhwal University,<br>Srinagar | Material for Farmers of Uttarakhand<br>Hills                                 |
|          |                | 1    | Simagai                             | Tillis   |
|          |                |      |                                     |  |
|          |                |      |                                     |  |
|          |                |      |                                     |  |
|          |                |      |                                     |  |
|          |                |      |                                     |  |
|          |                |      |                                     |  |
|          |                |      | Pankaj K Mishra                     | Effect of Seed Priming with Cold   |
|          |                |      | Vivekananda Parvatiya Krishi        | Tolerant Plant Growth Promoting Pseudomonas Sp. Strain Pgers17 on Iron       |
|          |                |      | Anusandhan Sansthan                 | Acquisition and Nutrient Uptake of Pea                                       |
| 1        |                | II   | (ICAR) - Almora                     | (Pisum Sativum L.)   |
|          | Biotechnology, |      |                                     | Cytosolic Expression of Single Chain   |
|          | Biochemistry & |      | Shefali Dobhal                      | Variable Fragment (Scfv)   |
|          | Microbiology   |      |                                     |  |
|          |                |      |                                     |  |
|          |                |      |                                     |  |
|          |                |      |                                     |  |
|          |                |      |                                     |  |
|          |                |      | GB Pant University of Agri. And     | against P24, Core Protein of Hiv in  |
|          |                |      | Technology                          | Plants (Nicotiana Tabacum).  |
|          |                | I    | Pant Nagar                          |  |
|          |                |      | T unt I tagai                       |  |
| 2        |                | II   | Not Found Suitable                  |  |
| <u> </u> | Botany         | 11   | Chitra Sharma                       | Effect of Vam Fungi on   |
|          | Domiy          |      | Cinu a Shai illa                    | Litect of vain Fullgi on   |
|          |                |      |                                     |  |
|          |                |      |                                     |  |
|          |                | I    | D.A.V. (P.G.) College, Dehradun     | CAMELLIA SINENSIS  |
|          |                |      |                                     |  |
|          |                |      |                                     |  |
|          |                |      |                                     |  |
|          |                |      | Meena Bakshi                        |  |
|          |                |      |                                     |  |
|          |                |      |                                     |  |
|          |                |      | Forest Research Institute           | Technology for Rejuvenation and Mass<br>Multiplication in Dalbergia Sissoo ( |
| 3        |                | II   | Dehradun                            | Shisham) Roxb.   |
|          |                |      | Demudun                             | omonum) toro.  |

|   | Chemistry                  |      |   |  |
|---|----------------------------|------|---|--|
|   |                            |      |   |  |
|   |                            |      |   |  |
|   |                            |      | Prerana Sethi                             |  |
|   |                            |      |   |  |
|   |                            |      |   |  |
|   |                            |      | National Institute of Malaria             | High Performance Liquid Chromatographic Assay for                    |
|   |                            |      | Research,                                 | Simultaneous Determination of  |
|   |                            | I    | Field Unit, Hardwar                       | Curcumin and Piperine in Human<br>Plasma                             |
|   |                            | 1    | rield Offit, Haldwar                      | Flasina  |
|   |                            |      |   |  |
|   |                            |      | Conta Time                                |  |
|   |                            |      | Geeta Tiwari                              |  |
|   |                            |      | Kumaun University                         | Transformation of Added Copper in Polluted Soils: Effect of Moisture |
| 4 |                            | II   | Nainital                                  | Regime   |
|   | Earth Sciences             |      |   |  |
|   | including<br>Geology,      |      |   |  |
|   | Geomorphology,             |      |   |  |
|   | Geophysics &<br>Glaciology |      |   |  |
|   | · . · .                    | _    |   |  |
|   |                            | I    | Not Found Suitable                        |  |
| 5 |                            | l II | Not Found Suitable                        |  |
|   | Engineering                | I    | Not Found Suitable  Not Found Suitable    |  |
|   | Science &                  |      |   |  |
| 6 | Technology                 | II   | Not Found Suitable                        |  |
|   | Environmental<br>Science & |      |   |  |
|   | Forestry                   |      | Kumkum Mishra                             |  |
|   |                            |      |   |  |
|   |                            |      |   |  |
|   |                            |      | National Institute of Malaria<br>Research |  |
|   |                            |      | Research                                  | DDT and Hch Residue Load in Human                                    |
|   |                            | I    | Field Unit, Hardwar                       | Blood from High and Low Malaria<br>Endemic areas of Assam            |
|   |                            | _    | ,   |  |
| 7 |                            | II   | Not Found Suitable                        |  |
| 8 | Home Science               | I    | Swati Pant                                | Screen Printing Giving new definition                                |

|    | including Textile,<br>Food, Nutrition<br>& Child          |    |  | to Aipan Design   |
|----|---|----|--|---|
|    | Development   |    |  |   |
|    |   |    | G.B. Pant University of<br>Agriculture and Technology,<br>Pantnagar                        |   |
|    |   | II | Not Found Suitable   |   |
|    | Mathematics,<br>Statistics &<br>Computer                  | I  | Not Found Suitable   |   |
|    | Science   | 1  | Not Found Suitable   |   |
| 9  |   | II | Not Found Suitable   |   |
|    | Medical Science<br>including<br>Pharmaceutical<br>Science |    | Neeraj Kumar   |   |
|    |   |    |  |   |
|    |   | I  | Sardar Bhagwan Singh (PG) Institute of Bio-Medical Sciences & Research, Balawala, Dehradun | Phytochemical investigation and antipyretic potential of Michelia oblonga leaf extracts |
|    |   |    | , ,  |   |
| 10 | DI .  | II | Not Found Suitable   |   |
|    | Physics   |    | Jeewan Chandra   |   |
|    |   | I  | Tula's Institute, Dhoolkot,<br>Selaqui, Dehradun   | ZnO Nanocrystal at High Temperature   |
| 11 |   | II | Not Found Suitable   |   |
|    | Veterinary<br>Sciences &<br>Animal                        | I  | Not Found Suitable   |   |
| 12 | Husbandry   | II | Not Found Suitable   |   |
|    | Zoology   |    | Smita Tiwari   |   |
|    |   |    | D.B.S. (PG) College,   |   |
| 13 |   | I  | Dehradun   | Status of Fluoride in the Water's of Uttarakhand  |

| II | Not Found Suitable |  |
|----|--------------------|--|