



Him Science Congress Association (HSCA)

10th International Conference @ Hotel Moonglade, Banikhet, Dalhousie (H. P.)

PROGRAMME SCHEDULE

Day -1 | Friday | 13th October, 2023 | Programme

REGISTRATION

Time: 0800 - 1030 Hrs

INAUGURAL SESSION

Time: 1030 - 1130 Hrs

Saraswati Vandna & Lighting of lamp

Time: 1031 - 1035 Hrs

Welcome

Prof Rajesh Kumar Sharma, Co-Patron, HSCA

Time: 1036 - 1040 Hrs

About Conference

Prof Sita Ram Sharma, Co-Patron, HSCA

Time: 1041 - 1050 Hrs

About HSCA

Prof Deepak Pathania, Patron, HSCA

Time: 1051 - 1100 Hrs

Address by Chief Patron

Prof. Bhuvanesh Gupta, IIT Delhi

President (APA)

Time: 1101 - 1105 Hrs

Address by Guest of Honor

Prof. (Dr.) Sunil Thakur, Director Research and Development, CUHP

Time: 1106 - 1115 Hrs

Address by Chief Guest

Sh. Pankaj Chowfla, MD, Valley Agro Foods

Time: 1115 - 1130 Hrs

Vote of Thanks

Dr. Rakesh Thakur, Chairman of the Conference

Time: 1131 - 1135 Hrs

National Anthem

HIGH TEA

Time: 1135 - 1150 Hrs

SESSION – I (Time: 1150 – 1400 Hrs)

Session Chair: Prof. B.S. Kaith

1150 – 1215 Hrs

1215 – 1240 Hrs

1240 – 1305 Hrs

1305 – 1330 Hrs

1330 – 1400 Hrs

KEYNOTE TALKS

Session Coordinator: Dr. Sunil Kumar

Günther G. Scherer

Paul Scherrer Institut, 5232 Villigen, Switzerland

Title: Ion-conducting Polymer Membranes for Electrochemical Energy Conversion Technologies Prepared by Radiation Grafting

Dr. Bilal Ahmad Mir

Department of Botany, University of Kashmir, Srinagar

Title: Understanding adaptation of *Artemisia brevifolia* at high altitudes

Dr. Tariq Maqbool

Department of Nanotechnology, University of Kashmir, Srinagar

Title: Green approach using natural materials for biological synthesis of reduced-graphene oxide (brGO) and potential applications.

Dr. V.V. Tyagi

School of Energy Management, Shri Mata Vaishno Devi University, Katra,

Title: Nano-additives with Phase change materials for energy storage applications: Challenges and Progressive Trends

Dr. Raju Shankarayan

School of Biotechnology, Shri Mata Vaishno Devi University Katra

Title: Genetically Modified Crops: Their Development, Potential Uses and Associated Risks

LUNCH (1400 – 1445 Hrs)**SESSION – II**
(Oral presentations)**Time: 1445 – 1645 Hrs****Room No.: Main Hall**
Section: Biological Sciences (BS) & Agricultural Sciences (AS)**Session Chair: Dr. Rakesh Thakur**
Session Coordinator: Dr. J.D. Verma

1. Biological Sciences (BS) Paper Nos.: 7, 20, 32, 34, 38, 43, 44, 45, 48, 58, 63 (11 presentations)
2. Agricultural Sciences (AS) Paper Nos.: 10, 33, 76, 82, 98 (05 presentations)

TEA BREAK
1645 – 1700 Hrs**SESSION – III**
(Oral presentations)**Time: 1700– 1900 Hrs****Room No.: Hall**
Section: Physical Sciences (PH) & Mathematical Sciences (MS)**Session Chair: Prof. B.C. Chauhan**
Session Coordinator: Dr. Ajay Kumar

1. Physical Sciences (PH) Paper Nos.: 6, 17, 24, 27, 28, 36, 42, 89, 90, 107, 108 (Total = 11 presentations)
2. Mathematical Sciences (MS) Paper Nos.: 3, 78, 79, 94, 127, 128 (Total = 06 presentations)

SESSION – IV
(Oral presentations)**Time: 1900 – 2000 Hrs****Room No.: Main Hall**
Section: Chemical Sciences (CH) & Environmental Sciences (EVS)**Session Chair: Dr. Susheel Kalia**
Session Coordinator: Dr. Chetan Chauhan & Dr. Manish Kumar

1. Chemical Sciences (CH) Paper Nos.: 4, 8, 12, 22 (Total = 04 presentations)
2. Environmental Sciences (EVS) Paper Nos.: 23, 60, 91, 111 (Total = 04 presentations)

SESSION – V (Parallel with Session IV)
(Poster presentations)**Time: 1900 – 2000 Hrs****Room No.: Room-1**
Section: Chemical Sciences (CH)**Session Chair: Prof. B.S. Kaith**
Session Coordinator: Dr. Arush & Dr. Chetna

1. Chemical Sciences (CH) Paper Nos.: 9, 11, 13, 14, 15, 21, 25, 37, 47, 52, 53, 54, 55, 56, 57, 61, 72, 74, 81, 99, 112 (Total = 21 presentations)

GENERAL HOUSE OF HSCA (1900 – 2000 Hrs)**DINNER (2000 – 2100 Hrs)****Day -2 | Saturday | 14th October, 2023 | Programme****BREAKFAST (0800 – 0900 Hrs)****SESSION – VI**
(Oral presentations)**Time: 0900 – 1100 Hrs****Room No.: Hall**
(Biological Sciences & Chemical Sciences)**Session Chair: Prof. B.S. Kaith**
Session Coordinator: Dr. Arush & Dr. Muneesh Thakur

1. Biological Sciences (BS) Paper Nos.: 64, 67, 69, 71, 77, 84, 85, 86, 92 (Total = 09 presentations)
2. Chemical Sciences (CH) Paper Nos.: 26, 39, 59, 75, 95, 113, 126 (Total = 07 presentations)

SESSION – VII (Parallel with Session VI) (Poster presentations)	Time: 0900 – 1100 Hrs
Room No.: Room-1	
Section: Biological Sciences (BS), Environmental Sciences (EVS) & Physical Sciences (PH)	
Session Coordinators: Dr. Rakesh Thakur, Dr. J.D. Verma & Dr. Chetan Chauhan	
<p>1. Biological Sciences (BS) Paper Nos.: 1, 2, 16, 19, 35, 40, 41, 49, 50, 62, 66, 68, 73, 80, 83, 87, 100, 117, 118, 119, 120, 122, 123, 125 (Total = 24 presentations)</p> <p>2. Environmental Sciences (EVS) Paper Nos.: 29, 30, 51, 93, 97 (Total = 05 presentations)</p> <p>3. Physical Sciences (PH) Paper Nos.: 5, 18, 31, 46, 88, 105 (Total = 06 presentations)</p>	
Tea (1100 – 1120 Hrs)	
SESSION – VIII (Oral presentations)	Time: 1120 – 1230 Hrs
Room No.: Hall	
Section: Biological Sciences (BS)	
Session Chair: Dr. Rakesh Thakur	
Session Coordinator: Dr. Tikkam Singh & Dr. Muneesh Thakur	
1. Biological Sciences (BS) Paper Nos.: 96, 101, 102, 103, 104, 106, 109, 110, 116, 124, 129 (11 presentations)	
SESSION – VI (KEYNOTE TALKS)	Time: 1230 – 1310 Hrs
Session Chair: Prof. B.C. Chauhan	
Session Coordinator: Dr. J.D Verma	
1230 – 1250 Hrs	Prof. Balbir Singh Kaith, Department of Chemistry, National Institute of Technology, Jalandhar
	Topic: Natural Backbone Based Ecofriendly Materials– Prospective Applications
1251 – 1310 Hrs	
SESSION – X (Young Scientist Award Presentations)	Time: 1311 – 1335 Hrs
Room No.: Hall	
Session Chair: Prof. B.S. Kaith	
Session Coordinator: Prof. B.C. Chauhan	
3 Presentation	
VALEDICTORY SESSION	
Time: 1340 - 1420 Hrs	
Welcome address by Dr Sunil Kumar, General Secretary, HSCA	
Time: 1340 – 1345 Hrs	
Address by Prof. B.C. Chauhan, Patron	
Time: 1346 – 1350 Hrs	
Address by Prof. Deepak Pathania, Patron	
Time: 1351 – 1355 Hrs	
Address by Prof. Rajesh Kumar Sharma, Chief Co-Patron	
Time: 1356 – 1400 Hrs	
Prize distribution	
Time: 1401 – 1405 Hrs	
Address by Chief Guest	
Prof. (Dr.) Adarsh Pal Vig	
Chairman, Punjab Pollution Control Board, Patiala	
Time: 1406 – 1415 Hrs	
Vote of Thanks	
Dr. Jagdeep Verma, Chairman of the Conference	
Time: 1416 – 1420 Hrs	
National Anthem	
LUNCH	
1425– 1525 Hrs	