

ORAL PRESENTATIONS: 11:30 AM-01:00PM

[Sect. A, B, C, D & E]

Lunch 01.00 – 02.00 P.M.

Young Scientist Award: 02.00-05:00P.M.

Poster Session: 05. 00 – 06.00 P.M. (Section B,D,E)

Dinner 08.30 – 09.30 P.M.

Section E 11.00 – 11.20 A.M.

Dr. Abhijit Das, Tata Memorial Cancer Hospital, Sangrur

Section E 11.20 – 11.40 A.M.

Dr. Satnam Singh, Adesh University, Bathinda

Chairman: Dr. P.K. Jain, Prof. M&H, SLIET

Rapporteur: Dr. Anil Singla, Associate Prof. ME, SLIET

PUNJAB CHILDREN SCIENCE CONGRESS:

FEB 8, 2020 (SATURDAY): All Day

Oral Presentations:

11:30A.M.- 01:00P.M.

FEBRUARY 9, 2020 (SUNDAY)

Lunch

01.00 – 02.00 P.M.

PLENARY SESSION IV 09.00 – 10.30 P.M.

Chairman: Dr. M.B. Bera, Prof. (FET), SLIET Longowal

Co-Chairman: Dr. Pardeep Gupta, Prof. (ME), SLIET

Rapporteur: Dr. Amrik Singh, Asso. Prof., (ME), SLIET

Plenary Lecture V 09.00-09.45 A.M.

Dr. H.S. Virk, G.N.D.U., Amritsar

Plenary Lecture VI 09.45-10.30 A.M.

Dr. K. K. Bhasin, PU Chandigarh

Tea 10.30 – 11.00 A.M.

Valedictory Session

02.00 – 03.00 P.M.

Tea

03.00 – 03.30 P.M.

For any Enquiry Please Contact:

Hospitality:

Prof. Vikas Nanda, FET, SLIET

M. 98159-80054

Abstract Book/Certificate of Participation:

Dr. Ashwani Aggarwal, EIE, SLIET

M. 95305-30190

Registration:

Prof. Charanjiv Singh Saini, FET, SLIET

M. 98729-80044

Accommodation:

Prof. Avinash Thakur, CT, SLIET

M.98150-81414

Transportation:

Dr. Jaspal Singh, ME, SLIET

M.94172-70370

Any Other Enquiry:

Prof. A.S. Dhaliwal, Chairman, 23rd PSC
M.98159-80323

Prof. H.K. Chopra, Co-Chairman, 23rd PSC
M.94176-66437

Prof. S.S. Verma, Org. Sec. 23rd PSC
M.94651-91823

Prof. P.S. Panesar, Org. Sec. 23rd PSC
M.94174-94849



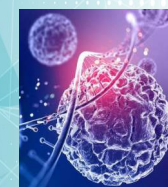
23rd

PUNJAB SCIENCE CONGRESS

February 7 - 9, 2020

**Emerging Trends in Science & Technology
for Sustainable Development**

(Under the aegis of: Punjab Academy of Sciences, Patiala)



SCIENTIFIC PROGRAMME

Organized by

SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY

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23rd PUNJAB SCIENCE CONGRESS

PROGRAMME SCHEDULE

February 07, 2020 (FRIDAY)

Registration 8.30 – 10.00 A.M.
Tea 9.00 – 10.00 A.M.
Inaugural Session 10.00 onwards

Inaugural Session (Venue: ISTE Hall)

10.00-10.05	Institute Kulgeet
10.05-10.10	Lighting of Lamp
10.10-10.20	Welcome address by Chief Patron, Organizing Committee (Prof. Shailendra Jain, Director SLIET, Longowal)
10.20-10.25	Introduction to Punjab Academy of Sciences (Professor I.J.S. Bansal, Founder President, Punjab Academy of Sciences)
10.25-10.30	About the theme of the Congress (Professor A.S. Ahluwalia, President, Punjab Academy of Sciences)
10.30-10.35	Introductory remarks about the organization of Congress (Professor A. S. Dhaliwal, Chairman, Organizing Committee)
10.35-10.40	Introduction to the Chief Guest (Prof. S.S. Verma, Org. Secr., 23 rd Punjab Science Congress)
10.40-11.00	Inaugural Address by Chief Guest
11.00-11.15	Honouring of Fellows of Punjab Academy of Sciences (Presentation by: Prof. N.R. Dhaliwal, Secretary, Punjab Academy of Sciences)
11.15-11.20	Release of Souvenir by the Chief Guest
11.25-11.30	Vote of thanks (Prof. P. S. Panesar, Org. g. Secr., 23 rd Punjab Science Congress)

PLENARY SESSION I

11.30 A.M. – 01.00 P.M.

Chairman:

Dr. Shailendra Jain, Director, SLIET, Longowal

Co-Chairman:

Dr. N.R. Dhaliwal, Secretary, PAS, Paitala

Rapporteur:

Dr. A.S. Arora, Dean (Acad.), SLIET, Longowal

Oration Award Lectures 11.00 A.M. – 12.30 P.M.

Keynote Address 12.30 – 01.00 P.M.

Dr. Santokh Singh Badesha, Xerox (USA)

Lunch 01.00 – 02.00 P.M.

PLENARY SESSION II

02.00 – 03.30 P.M.

Chairman:

Dr. J.S. Dhillon, Professor (EIE), SLIET, Longowal

Co-Chairman:

Dr. S.S. Dhaliwal, Professor (Math.), SLIET, Longowal

Rapporteur:

Dr. S. Marwaha, Professor (EIE), SLIET, Longowal

Plenary Lecture I 02.00 – 02.30 P.M.

Dr. K.P. Singh, IISER, Mohali

Plenary Lecture II 02.30 – 03.00 P.M.

Dr. Narpinder Singh, GNDU, Amritsar

Plenary Lecture III 03.00 – 03.30 P.M.

Dr. GPI Singh, Adesh University, Bathinda

Tea 03.30 – 03.45 P.M.

TECHNICAL SESSION I (PARALLEL)

03.45 – 05.45 P.M.

[All Sections A, B, C, D & E]

Lead Lectures (Parallel Sessions)

Section A : 03.45 – 04.15 P.M.

Dr. D.K. Sahoo, IMTECH, Chandigarh

Chairman: Dr. D.C. Saxena, Prof. FET, SLIET

Rapporteur: Dr. Sukhcharan Singh, Prof. FET, SLIET

Section B : 03.45 – 04.15 P.M.

Dr. Ashok Kumar, PU, Patiala

Chairman: Prof. Minati Baral, Chemistry, NIT, KUK

Rapporteur: Dr. Gulshan Jawa, AsP, ChE, SLIET

Section C : 03.45 – 04.15 P.M.

Dr. H. Bhunia, TIET, Patiala

Chairman: Dr. H.R. Ghatak, Prof. ChE, SLIET

Rapporteur: Dr. R.K. Guha, Prof. Maths, SLIET

Section D : 03.45 – 04.15 P.M.

Dr. G.S. Lehal, Punjabi University, Patiala

Chairman: Dr. Rajesh Kumar, Prof. ME, SLIET

Rapporteur: Dr. Manoj Sachan, Prof. ME, SLIET

Section E : 03.45 – 04.15 P.M.

Dr. Vishal Chopra, Govt. Medical College, Patiala

Chairman: Dr. Amarpartap Singh, Dept. of ECE, SLIET

Rapporteur: Dr. Damanpreet Singh, Prof. CSE, SLIET

Oral presentations: 04.15 – 05.45 P.M.

[Sect. A, B, C, D & E]

Poster Session 05.45 – 06.45 P.M. (Section A, C)

Cultural Programme 07.30 – 08.30 P.M.

Dinner 08.30 – 09.30 P.M.

FEBRUARY 8, 2020 (SATURDAY)

PLENARY SESSION III 09.00 – 10.30 A.M.

Chairman: Dr. B.K. Kanungo, Professor, Chemistry, SLIET Longowal

Co-Chairman: Dr. P.K. Singh, Professor, Dept. of ME, SLIET

Rapporteur: Dr. Amarpartap Singh, Dept. of ECE, SLIET

Plenary Lecture III 09.00 – 9.45 A.M.

Dr. A.K. Bakhshi, PDM University, Bahadurgarh, Haryana

Plenary Lecture IV 09.45-10.30 A.M.

Dr. B.S. Khatkar, GJU, Hisar

Tea 10.30 – 11.00 A.M.

TECHNICAL SESSION II (PARALLEL)

11.00 A.M. – 01.00 P.M.

[All Sections A, B, C, D & E]

Lead Lectures (Parallel Sessions)

Section A 11.00 – 11.30 A.M.

Dr. Balwinder Singh, IMTECH, Chandigarh

Chairman: Dr. K. Prasad, Prof. FET, SLIET

Rapporteur: Dr. Avinash Thakur, Prof. ChE, SLIET

Section B 11.00 – 11.30 A.M.

Dr. Ashok Kumar, PAU, Ludhiana

Chairman: Dr. Jagtar Singh, Prof. ME, SLIET

Rapporteur: Dr. N. Jindal, Associate Prof. FET, SLIET

Section C 11.00 – 11.30 A.M.

Dr. G.S. Mukherjee, DRDO

Chairman: Dr. Paramjit Singh, Prof., PAU Ludhiana

Rapporteur: Dr. R.K. Saxena, Prof. ME, SLIET

Section D 11.00 – 11.30 A.M.

Dr. Rajesh Kumar, MNIT Jaipur

Chairman: Dr. V.K. Kukreja, Prof. Maths, SLIET

Rapporteur: Dr. Ajay Pal Singh, Prof. ECE, SLIET

Section E 11.00 – 11.20 A.M.

Dr. Gurdeep Singh, Govt. Medical College, Patiala

11.20 – 11.40 A.M.

Dr. Amandeep Kaur, Adesh University, Bathinda

Chairman: Dr. R.S. Singh, Prof., PU, Patiala

Rapporteur: Dr. Vikas Nanda, Prof. FET, SLIET