

# National Conference on Frontiers in Modern Physics (NCFMP2020)

## Program Schedule

Day I: 6<sup>th</sup>February, 2020 (Thursday)

9:00 –10:00am	<b>Registration &amp; Tea</b>	
		Welcome Address by Hon'ble Chancellor
10:00 am-10:30 am	<b>INAUGURAL SESSION</b> <b>Venue:</b> University Main Auditorium	Address by Hon'ble Vice Chancellor  Address by Hon'ble Dean, School of Science
10:30am -11:30 am		Key Note Speech: <b>Prof. Pushan Ayuub</b> TIFR, Mumbai  <b>Topic: <i>Nanoscience: Myth and Reality</i></b>
	<b>TECHNICAL SESSION I</b> <b>Venue:</b> University Auditorium	
11:30 am- 12:15 pm	<b>Session Chair</b> <b>Prof. Sanjib Ghosh</b>	Invited Speech: <b>Prof. Indrani Bose</b> Bose Institute, Kolkata  <b>Topic: <i>The Living Cell: A Search for Physical Principles</i></b>
12:15 pm -1:15pm		<b>Oral Session 1</b> (Paper IDs : 0-7, 0-10, 0-12, and 0-31)
1:15 pm – 2:15 pm	<b>Conference Lunch</b> <b>Venue:</b> Convention center	
2:15 pm- 3:00 pm	<b>TECHNICAL SESSION II</b> <b>Venue:</b> University Auditorium	Invited Speech: <b>Prof. Soumitra Sengupta</b> IACS, Kolkata
	<b>Session Chair:</b> <b>Prof. Aparajita Bhattacharya</b>	Topic: <b><i>Hawking and Wonders of Black Hole Spacetime</i></b>
3:00 pm- 4:00 pm		<b>Oral Session 2</b> (Paper IDs : 0-8, 0-9, 0-13, and 0-15)
4:00 pm- 5:15 pm	<b>Poster Session</b> <b>Venue:</b> University Auditorium	
	<b>TECHNICAL SESSION III</b>	
5:15 pm- 6:00pm	<b>Session Chair : Dr.Moumita Mukherjee</b>	<b>Oral Session 3</b> (Paper IDs : 0-5 , 0-20, 0- 26)

**Day II: 7<sup>th</sup>February, 2020 (Friday)**

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9:30 am-10:15 am  
**TECHNICAL SESSION IV**  
**Venue:** University Main Auditorium  
**Session Chair:** Prof. Pushan Ayyub  
Invited Speech: **Prof. Jayanta Kumar Bhattacharya**, IACS, Kolkata  
**Topic:** *Pattern Formation in Nature*

10:15am - 11.15am  
**Session Chair:** Prof. Bimal Kumar Sarkar  
**Oral Session 4**  
(Paper IDs : 0-2, 0-3, 0-18, 0-23)

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11:15am – 11:30 pm  
**Tea Break**

11:30am – 12:15 pm  
**TECHNICAL SESSION V**  
**Session Chair:** Prof. Jayanta Kumar Bhattacharya  
Invited Speech: **Prof. Ananda Dasgupta**, IISER, Kolkata  
**Topic:** *The many faces of the Raychaudhuri equation*

12:15am – 1:15 pm  
**Session Chair:** Dr. Swarup Kumar Neogi  
**Oral Session 5** (Paper IDs :0-16, 0-25, 0-28, 0-34, )

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1:15 pm – 2:15 pm  
**Conference Lunch**  
**Venue:** Convention center

2:15pm-3:00pm  
**TECHNICAL SESSION VI**  
**Venue:** University Auditorium  
**Session Chair:** Prof. Aparajita Bhattacharya  
Invited Speech: **Prof. Tejinder Pal Singh**, TIFR, Mumbai  
**Topic:** *Schrodinger's cat, and Einstein's space-time, in the twenty-first century*

3:00pm-3:45pm  
**Session Chair:** Dr. Tamal Kumar Mukherjee  
Invited Speech: Dr. **Debashri Ghosh** CGCRI, Kolkata  
**Topic:** *Photonic Crystal Fibers: Advent, Advantages and Applications*  
3:45 pm-4:45pm  
**Oral Session 6** (Paper IDs : 0-14, 0-27, 0-32, 0-33)

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4:45pm- 5:00 pm  
**Tea Break**

5:00pm- 6:00 pm  
**Valedictory session**  
**Prize Distribution**  
**&**  
**Vote of thanks**  
**Venue:** University Auditorium

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