



5TH REGIONAL SCIENCE & TECHNOLOGY CONGRESS
(REGION 7), 2022-23 [RSTC (R7), 2022-23]



Organised jointly by The University of Burdwan, Burdwan and
Department of Science & Technology and Biotechnology, Government of West Bengal
January 06-07, 2023

PROGRAMME SCHEDULE

Day 1 (January 06, 2023)

TIME	EVENT	VENUE
09:00 am to 10:30 am	REGISTRATION & REFRESHMENT	Muktadhara Ground , The University of Burdwan, Golapbag, Burdwan
10.45 am	SHISHIRKUMAR MITRA MEMORIAL LECTURE Speaker : Prof. Suman Kumar Dhar Special Centre for Molecular Medicine, Jahawarlal Nehru University, New Delhi Chairperson: Prof. Sudhendu Mondal Ex-Director, National Library, Kolkata and Retd. Prof. Dept of Botany, Visva-Bharati, Santiniketan	University Auditorium , The University of Burdwan, Golapbag, Burdwan
12:00pm	INAUGURAL SESSION	University Auditorium , The University of Burdwan, Golapbag, Burdwan
01:00 pm	LUNCH	Food Court (Muktadhara Ground)
2.00 pm	INVITED LECTURE	
	Zoology Speaker : Professor Samir Bhattacharya Emeritus Professor, School of Life Science, Centre of Advanced Study in Zoology, Visva-Bharati, Santiniketan Chairperson: Professor Nimai Chandra Saha Hon'ble Vice Chancellor, The University of Burdwan Coordinator : Prof. Anadamay Barik Department of Zoology, The University of Burdwan	Zoology Lecture Hall II, Department of Zoology, The University of Burdwan
	Physiology Speaker : Prof. Sanjit Dey Department of Physiology, Calcutta University	Seminar Hall, Department of Botany, The University of



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Chairperson: Prof. Abhijit Mazumder Department of Zoology, The University of Burdwan Coordinator : Dr. Sumit Hira Department of Zoology, The University of Burdwan	Burdwan
Botany Speaker : Prof. Shampa Das Bose Research Institute, Kolkata Chairperson: Prof. Soumen Bhattacharjee Department of Botany, The University of Burdwan Coordinator : Prof. Sikha Dutta Department of Botany, The University of Burdwan	Lecture Hall 1, Department of Botany, The University of Burdwan
Agriculture-Fisheries and Animal Science Speaker : Prof. Anilava Kaviraj Former Professor, Department of Zoology, Kalyani University Chairperson: Prof. Dipak Kumar Mandal Department of Zoology, Visva-Bharati, Santiniketan Coordinator : Prof. Koushik Ghosh Department of Zoology, The University of Burdwan	Lecture Theatre I, Department of Zoology, The University of Burdwan
Chemistry Speaker : Prof. Pranesh Chowdhury Department of Chemistry, Visva-Bharati, Santiniketan Chairperson: Prof. Pabitra Chattopadhyay Department of Chemistry, The University of Burdwan Coordinator : Prof. Bidyut Saha Department of Chemistry, The University of Burdwan	Seminar Hall, Department of Chemistry, The University of Burdwan
Medical Science Speaker : Dr Subarna Goswami Dy. CMOH-II, Purba Bardhaman Chairperson: Dr. Gispati Chakrabarti Retd. Senior Medical Officer, The University of Burdwan Coordinator : Dr. Santanu Pramanik Medical Officer, The University of Burdwan	Lecture Theatre I, Department of Chemistry, The University of Burdwan
Earth Sciences Speaker : Professor Sunando Bandyopadhyay Department of Geography, University of Calcutta Chairperson: Prof. Giysuddin Siddique Department of Geography, The University of Burdwan Coordinator : Prof. Biswaranjan Mistry Department of Geography, The University of Burdwan	Conference Room, Department of Geography, The University of Burdwan



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	<p style="text-align: center;">Social Sciences and IPR</p> <p>Speaker : Prof. Anirban Mazumder National University of Juridical Sciences, Kolkata</p> <p>Chairperson: Prof. Tanmay Dasgupta Dept of Business Administration, The University of Burdwan</p> <p>Coordinator : Prof. Partha Sarkar Department of MBA(HR), The University of Burdwan</p>	<p style="text-align: center;">Conference Hall, Department of Business Administration, The University of Burdwan</p>
	<p style="text-align: center;">Mathematics</p> <p>Speaker : Prof. Subenoy Chakraborty Dept. of Mathematics, Jadavpur University</p> <p>Chairperson: Prof. Asoke Kumar Bhunia Department of Mathematics, The University of Burdwan</p> <p>Coordinator : Prof. Swati Mukhopadhyay Department of Mathematics, The University of Burdwan</p>	<p style="text-align: center;">Lecture Hall III, Department of Mathematics, The University of Burdwan</p>
	<p style="text-align: center;">Environmental Science</p> <p>Speaker : Prof. Kalyan Rudra Chairman, WB State Pollution Control Board</p> <p>Chairperson: Prof. Sanjoy Podder Department of Zoology, The University of Burdwan</p> <p>Coordinator : Prof. Apurba Ratan Ghosh Department of Env. Science, The University of Burdwan</p>	<p style="text-align: center;">Lecture Hall IV, Department of Mathematics, The University of Burdwan</p>
	<p style="text-align: center;">Physics</p> <p>Speaker : Prof. Pathik Kumbhakar Department of Physics, NIT, Durgapur</p> <p>Chairperson: Prof. Buddhadeb Ghosh Department of Physics, The University of Burdwan</p> <p>Coordinator : Prof. Atish Chandra Mondal Department of Physics, The University of Burdwan</p>	<p style="text-align: center;">Gallery, Department of Physics, The University of Burdwan</p>
	<p style="text-align: center;">Engineering</p> <p>Speaker : Prof. Somsubhra Gupta Dept. of Computer Science and Engineering, Swami Vivekananda University, Barrackpore</p> <p>Chairperson: Prof. Sunil Kerforma Dept. of Computer Science, The University of Burdwan</p> <p>Coordinator : Dr. Shibkali Gupta UIT, The University of Burdwan</p>	<p style="text-align: center;">Seminar Hall, Department of Physics, The University of Burdwan</p>
2:45pm	<p style="text-align: center;">SCIENCE MODEL COMPETITION (Model ID: MD-01 to MD-06) & SCIENCE PAVILION</p>	<p style="text-align: center;">Exhibition Lawn, Golapbag, The University of</p>



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	Chairperson: Prof. Anuradha Mukhopadhyay Vice Chancellor, The Sanskrit College and University Prof. Gobinda Chandra Sadhukhan Former Director, UGC-HRDC, Jadavpur University Coordinator : Prof. Debasis Das Department of Chemistry, The University of Burdwan	Burdwan
3:15 pm to 5:30pm	PAPER PRESENTATION 1	
	Zoology (Abstract IDs: ZO-01 to ZO-20) Chairpersons: Prof. Samar Kumar Saha Department of Zoology, Visva-Bharati, Santiniketan Prof. Gautam Aditya Department of Zoology, University of Calcutta Coordinator : Prof. Anadamay Barik Department of Zoology, The University of Burdwan	Zoology Lecture Hall II, Department of Zoology, The University of Burdwan
	Physiology (Abstract IDs: PG-01 to PG-16) Chairpersons: Prof. Arunima Chaudhuri Burdwan Medical College, Burdwan Prof. Devasis Sen Department of Life Sciences, Presidency University Coordinator : Dr. Sumit Hira Department of Zoology, The University of Burdwan	Seminar Hall, Department of Botany, The University of Burdwan
	Botany (Abstract IDs: BO-01 to BO-20) Chairpersons: Prof. Sudhendu Mondal Retd. Prof., Dept. of Botany, Visva-Bharati, Santiniketan Prof. Jukta Adhikari Retd. Professor, Department of Botany, Barasat Govt. College Coordinator : Prof. Sikha Dutta Department of Botany, The University of Burdwan	Lecture Hall 1, Department of Botany, The University of Burdwan
	Agriculture-Fisheries and Animal Science (Abstract IDs: AS-01 to AS-20) Chairpersons: Prof. Dipak Kumar Mandal	Lecture Theatre I, Department of Zoology, The University of



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	<p>Department of Zoology, Visva-Bharati, Santiniketan</p> <p>Dr. T. K. Dangar Emeritus Scientist, National Rice Research Institute</p> <p>Coordinator : Prof. Koushik Ghosh Department of Zoology, The University of Burdwan</p>	<p>Burdwan</p>
	<p>Chemistry (Abstract IDs: CH-01 to CH-20)</p> <p>Chairpersons: Prof. Bhabatosh Mandal Dept of Chemistry, Visva Bharati, Shantiniketan</p> <p>Prof. Rajnarayan Saha Department of Chemistry, NIT Durgapur</p> <p>Coordinator : Prof. Bidyut Saha Department of Chemistry, The University of Burdwan</p>	<p>Seminar Hall, Department of Chemistry, The University of Burdwan</p>
	<p>Medical Science (Abstract IDs: MS-01 to MS-20)</p> <p>Chairpersons: Prof. Goutameswar Majumder Jhargram Government Medical College, Jhargram</p> <p>Prof. Deb Kumar Ray Burdwan Medical College, Burdwan</p> <p>Coordinator : Dr. Santanu Pramanik Medical Officer, The University of Burdwan</p>	<p>Lecture Theatre I, Department of Chemistry, The University of Burdwan</p>
	<p>Earth Sciences (Abstract IDs: ES-01 to ES-20)</p> <p>Chairpersons: Professor V. C. Jha Department of Geography, Visva-Bharati, Santiniketan</p> <p>Prof. Guruprasad Chattopadhyay Retd. Professor, Department of Geography, Visva-Bharati</p> <p>Coordinator : Prof. Biswaranjan Mistry Department of Geography, The University of Burdwan</p>	<p>Conference Room, Department of Geography, The University of Burdwan</p>
	<p>Social Sciences and IPR (Abstract IDs: SI-01 to SI-20)</p> <p>Chairpersons: Prof. Isita Lahiri Department of Business Administration, Kalyani University</p> <p>Prof Sitanath Majumdar Dept. of Business Management, University of Calcutta</p>	<p>Conference Hall, Department of Business Administration, The University of Burdwan</p>



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	Coordinator : Prof. Partha Sarkar Department of MBA(HR), The University of Burdwan	
	Mathematics (Abstract IDs: MA-01 to MA-20)	
	Chairpersons: Prof Tapas Ray Mahapatra Dept. of Mathematics, Visva-Bharati Prof Subhasis Ray Dept. of Mathematics, Visva-Bharati	Lecture Hall III, Department of Mathematics, The University of Burdwan
	Coordinator : Prof. Swati Mukhopadhyay Department of Mathematics, The University of Burdwan	
	Environmental Science (Abstract IDs: EN-01 to EN-20)	
	Chairpersons: Prof. S C Santra Former Professor of Env. Sc., Univ. of Kalyani Prof. Shibani Choudhury Former Professor, Dept. of Env. Studies, Visva-Bharati	Lecture Hall IV, Department of Mathematics, The University of Burdwan
	Coordinator : Prof. Apurba Ratan Ghosh Department of Env. Sc., The University of Burdwan	
	Physics (Abstract IDs: PH-01 to PH-20)	
	Chairpersons: Prof. Bikash Chandra Gupta Department of Physics, Visva-Bharati, Santiniketan Prof. Nanda Kumar Ghosh Department of Physics, University of Kalyani	Gallery, Department of Physics, The University of Burdwan
	Coordinator : Prof. Atish Chandra Mondal Department of Physics, The University of Burdwan	
	Engineering (Abstract IDs: EG-01 to EG-20)	
	Chairpersons: Prof. Dipankar Majumder RCC Institute of Information Technology, Kolkata Prof. Somsubhra Gupta Swami Vivekananda University, Barrackpore	Seminar Hall, Department of Physics, The University of Burdwan
	Coordinator : Dr. Shibkali Gupta UIT, The University of Burdwan	
5:45 pm	HIGH TEA	Food Court (Muktadhara Ground)



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6:00 pm	CULTURAL PROGRAMME	University Auditorium , The University of Burdwan, Golapbag, Burdwan
8:30 pm	RSTC DINNER	University Guest House

Day 2 (January 07, 2023)

TIME	EVENT	VENUE
09:00 am - 10:30am	REGISTRATION & REFRESHMENT	Muktadhara Ground , The University of Burdwan, Golapbag, Burdwan
10:30 am	PAPER PRESENTATION 2	
	Zoology (Abstract IDs: ZO-21 to ZO-39) Chairpersons: Prof. Samar Kumar Saha Department of Zoology, Visva-Bharati, Santiniketan Prof. Gautam Aditya Department of Zoology, University of Calcutta Coordinator : Prof. Anadamay Barik Department of Zoology, The University of Burdwan	Zoology Lecture Hall II, Department of Zoology, The University of Burdwan
	Botany (Abstract IDs: BO-21 to BO-40) Chairpersons: Prof. Sudhendu Mondal Retd. Prof., Dept. of Botany, Visva-Bharati, Santiniketan Prof. Jukta Adhikari Retd. Professor, Dept of Botany, Barasat Govt. College Coordinator : Prof. Sikha Dutta Department of Botany, The University of Burdwan	Lecture Hall 1, Department of Botany, The University of Burdwan
	Agriculture-Fisheries and Animal Science (Abstract IDs: AS-21 to AS-25)	Lecture Theatre I, Department of Zoology, The University of Burdwan



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	Chairpersons: Prof. Dipak Kumar Mandal Department of Zoology, Visva-Bharati, Santiniketan Dr. T. K. Dangar Emeritus Scientist, National Rice Research Institute Coordinator : Prof. Koushik Ghosh Department of Zoology, The University of Burdwan	University of Burdwan
	Chemistry (Abstract IDs: CH-21 to CH-31) Chairpersons: Prof. Bhabatosh Mandal Dept of Chemistry, Visva Bharati, Shantiniketan Prof. Rajnarayan Saha Department of Chemistry, NIT Durgapur Coordinator : Prof. Bidyut Saha Department of Chemistry, The University of Burdwan	Seminar Hall, Department of Chemistry, The University of Burdwan
	Medical Science (Abstract IDs: MS-21 to MS-27) Chairpersons: Prof. Goutameswar Majumder Jhargram Government Medical College, Jhargram Prof. Deb Kumar Ray Burdwan Medical College, Burdwan Coordinator : Dr. Santanu Pramanik Medical Officer, The University of Burdwan	Lecture Theatre I, Department of Chemistry, The University of Burdwan
	Earth Sciences (Abstract IDs: ES-21 to ES-28) Chairpersons: Professor V. C. Jha Department of Geography, Visva-Bharati, Santiniketan Prof. Guruprasad Chattopadhyay Retd. Professor, Dept. of Geography, Visva-Bharati Coordinator : Prof. Biswaranjan Mistry Department of Geography, The University of Burdwan	Conference Room, Department of Geography, The University of Burdwan
	Social Sciences and IPR (Abstract IDs: SI-21 to SI-40) Chairpersons: Prof. Isita Lahiri Dept. of Business Administration, Kalyani University Prof Sitanath Majumdar	Conference Hall, Department of Business Administration, The University of Burdwan



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	Dept. of Business Management, University of Calcutta Coordinator : Prof. Partha Sarkar Department of MBA(HR), The University of Burdwan	
	Mathematics (Abstract IDs: MA-21 to MA-38) Chairpersons: Prof Tapas Ray Mahapatra Dept. of Mathematics, Visva-Bharati Prof Subhasis Ray Dept. of Mathematics, Visva-Bharati Coordinator : Prof. Swati Mukhopadhyay Department of Mathematics, The University of Burdwan	Lecture Hall III, Department of Mathematics, The University of Burdwan
	Environmental Science (Abstract IDs: EN-21 to EN-33) Chairpersons: Prof. S C Santra Former Professor of Env. Sc., Univ. of Kalyani Prof. Shibani Choudhury Former Professor, Dept. of Env. Studies, Visva-Bharati Coordinator : Prof. Apurba Ratan Ghosh Department of Env. Sc., The University of Burdwan	Lecture Hall IV, Department of Mathematics, The University of Burdwan
	Physics (Abstract IDs: PH-21 to PH-39) Chairpersons: Prof. Bikash Chandra Gupta Department of Physics, Visva-Bharati Prof. Nanda Kumar Ghosh Department of Physics, University of Kalyani Coordinator : Prof. Atish Chandra Mondal Department of Physics, The University of Burdwan	Gallery, Department of Physics, The University of Burdwan
	Engineering (Abstract IDs: EG-21 to EG-38) Chairpersons: Prof. Dipankar Majumder RCC Institute of Information Technology, Kolkata Prof. Somsubhra Gupta Swami Vivekananda University, Barrackpore Coordinator : Dr. Shibkali Gupta UIT, The University of Burdwan	Seminar Hall, Department of Physics, The University of Burdwan
	SCIENCE PAVILION	Exhibition Lawn



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1:00 pm	LUNCH	Food Court (Muktadhara Ground)
2:00 pm	MEET THE SCIENTISTS Coordinator: Prof. Nimai Chandra Saha, Hon'ble Vice-Chancellor, The University of Burdwan Panelists : Prof. Gobinda Chandra Sadhukhan Former Director, UGC-HRDC, Jadavpur University Prof. Sudhendu Mondal Ex-Director, National Library, Kolkata Prof. Souransu Mukhopadhyay Department of Physics, The University of Burdwan Prof. T. K. paine, Indian Association for the Cultivation of Science, Kolkata Prof. Goutameswar Majumder Jhargram Government Medical College, Jhargram Associate panelists: Prof. Pabritra Chattopadhyay Department of Chemistry, The University of Burdwan Prof. Naba Kumar Mondal Department of Envs. Sc., The University of Burdwan Prof. Abhijit Mazumder Department of Zoology, The University of Burdwan Prof. Rabindranath Das Department of Statistics, The University of Burdwan Prof. Soumen Bhattacharjee Department of Botany, The University of Burdwan	University Auditorium , The University of Burdwan, Golapbag, Burdwan
3:00 pm	PRIZE DISTRIBUTION AND VALEDICTORY	University Auditorium , The University of Burdwan, Golapbag, Burdwan
4:30 pm	HIGH TEA	Food Court (Muktadhara Ground)

The program schedule may subject to last minute changes