

**2<sup>nd</sup> REGIONAL SCIENCE AND TECHNOLOGY CONGRESS, 2017  
(WESTERN REGION)  
November 16-17, 2017**

***ORGANIZED BY***  
**THE UNIVERSITY OF BURDWAN, BURDWAN 713104, WEST BENGAL  
and**

**DEPARTMENT OF HIGHER EDUCATION, SCIENCE AND TECHNOLOGY  
AND BIOTECHNOLOGY (DHESTBT), GOVERNMENT OF WEST BENGAL**

***SPONSORED BY***  
**DEPARTMENT OF HIGHER EDUCATION, SCIENCE AND TECHNOLOGY  
AND BIOTECHNOLOGY (DHESTBT), GOVERNMENT OF WEST BENGAL**

**ORGANIZING COMMITTEE**

**Chief Patron**

Dr. Partha Chatterjee, Hon'ble Minister in Charge, School Education and Higher Education, Science & Technology and Biotechnology, and Parliamentary Affairs, Government of West Bengal

**Chairman**

Prof. Nimai Chandra Saha, Vice-Chancellor, BU

**Vice-Chairmen**

Dr. Shoroshimohan Dan, Pro Vice-Chancellor, BU

Mr. Anurag Srivastava, IAS, District Magistrate and Collector, Purba Bardhaman

**Core Committee**

**(a) Organising Secretaries**

Dr. Goutam Chandra, Professor, Zoology Department, BU

Dr. Ashish Kumar Banerjee, Senior Scientific Officer, DHESTBT, GoWB

**(b) Secretaries**

Dr. Pabitra Chattopadhyay, Professor, Chemistry Department, BU

Dr. Debidas Mondal, Joint Registrar, BU

Dr. Naba Kumar Mondal, Assistant Professor, Environmental Science Department, BU

Mr. Utpal Kumar Biswas, Senior Scientist, DHESTBT, GoWB

Mr. Amiya Kumar Kalidaha, Senior Scientific Officer, DHESTBT, GoWB

**(c) Treasurer:**

Dr. Arijit Ghoshal, Associate Professor, Mathematics Department, BU

**Working Committee**

Dr. Deb Kumar Panja, Registrar, BU (Convener)  
Dr. Sujit Choudhury, Inspector of Colleges, BU  
Dr. Indajit Roy, Development Officer, BU  
Dr. Apurba Ratan Ghosh, Professor, Environmental Science Department, BU  
Dr. Udit Chatterjee, Professor, Physics Department, BU  
Dr. Pabitra Kumar Chakrabarti, Professor, Physics Department, BU  
Dr. Soumendranath Chatterjee, Associate Professor, Zoology Department, BU  
Dr. Anandamay Barik, Associate Professor, Zoology Department, BU  
Dr. Swati Mukhopadhyay, Associate Professor, Mathematics Department, BU  
Dr. Biplab Biswas, Associate Professor, Geography Department, BU  
Dr. Bidyut Saha, Associate Professor, Chemistry Department, BU  
Dr. Abhijit Pakira, Assistant Professor, Business Administration Department, BU

**Advisory Committee:**

Mr. Kunal Aggarwal, IPS, Superintendent of Police, Purba Bardhaman  
Dr. (Prof.) Bivraj Bhusan Parida, Dean, Faculty of Arts, etc, BU  
Dr. Bimalendu Ray, Professor, Chemistry Department, BU  
Dr. (Prof.) Ramaprasad Banerjee, Director & Dean, EIILM, Kolkata  
Dr. Rajat Bhattacharya, Professor, Philosophy Department, BU  
Dr. Ambarish Mukherjee, Professor, Botany Department, BU  
Dr. Barindra Kumar Ghosh, Professor, Chemistry Department, BU  
Dr. Buddhadeb Ghosh, Professor, Physics Department, BU  
Dr. Asoke Kumar Bhunia, Professor, Mathematics Department, BU  
Dr. Gispati Chakraborty, Senior Medical Officer, BU

**SUB-COMMITTEES****Reception and Registration**

Dr. Sourangshu Mukhopadhyay, Professor, Physics Department, BU (Convener)  
Dr. Srimanta Gupta, Assistant Professor, Environmental Science Department, BU  
Dr. Sujit Roy, Assistant Professor, Botany Department, BU  
Kh. Amirul Islam, Scholar, Computer Science Department, BU  
Mr. Abhishek Nandi, Student, M. Lib Department, BU  
Mr. Monikanchan Mondal, Student, Women's Studies Department, BU  
Dr. Asima Rez, Coordinator, SC/ST/OBC Cell, BU  
Dr. Sikha Dutta, Assistant Professor, Botany Department, BU  
Dr. Indrani Chandra, Assistant Professor, Biotechnology Department, BU  
Dr. Sumedha Roy, Assistant Professor, Zoology Department, BU  
Dr. Somasri Dam, Assistant Professor, Microbiology Department, BU  
Dr. Moni Baskey (Sen), Assistant Professor, Chemistry Department, BU  
Dr. Namita Chakma, Assistant Professor, Geography Department, BU

Dr. Sumana Sarkar, Assistant Professor, Geography Department, BU  
Dr. Debdatta Das, Assistant Professor, Law Department, BU  
Ms. Chaitali Hansda, Assistant Professor, Physics Department, BU  
Ms. Suparna Basu, Assistant Professor, Statistics Department, BU  
Dr. Sayani Ray, Assistant Professor, Chemistry Department, BU  
Dr. Shampa Dutta, Faculty Contractual, Environmental Science Department, BU  
Mrs. Urmimala Sen, Faculty Contractual, Microbiology Department, BU  
Mrs. Payel Choudhury, Faculty Contractual, Microbiology Department, BU  
Ms Durga Kora, Scholar, Botany Department, BU  
Ms. Sharmistha Medda, PA, PURSE Program, BU  
Dr. Subhasish Mondal, Junior Scientist, WBSCST  
Mr. Tapas Ghosh, DEO, DHESTBT, GoWB

### **Inauguration and Valedictory\***

Mr. Subha Prasad Nandi Majumder, Secretary, Faculty Council, Science (Convener)  
Mr Utpal Kumar Biswas, Senior Scientist, DHESTBT, GoWB  
Mr. Amiya Kumar Kalidaha, Senior Scientific Officer, DHESTBT, GoWB  
Dr. Syed Tanveer Nasreen, Professor, History Department, BU  
Dr. Debasish Sur, Professor, Commerce Department, BU  
Dr. Arpita Chattaraj (Mukhopadhyay), Associate Professor, English Department, BU  
Dr. (Ms).Gopa Samanta, Professor, Geography Department, BU  
Dr. Paramita Mandal, Assistant Professor, Zoology Department, BU  
Dr. Rajarshi Ghosh, Assistant Professor, Chemistry Department, BU  
Dr. Tanmoy Banerjee, Assistant Professor, Physics Department, BU  
Dr. Inul Ansary, Assistant Professor, Chemistry Department, BU  
Dr. Biswajit Mitra, Assistant Professor, Mathematics Department, BU  
Dr. Tapas Mistri, Assistant Professor, Geography Department, BU  
Dr. Anirban Ash, Assistant Professor, Zoology Department, BU  
Mr. Sanjib Mandal, Faculty Contractual, Computer Science Department, BU

\*Along with all the members of the Cultural Committee

### **Manpower/Volunteer**

Dr. Sanat Kumar Guchhait, Professor, Geography Department, BU (Convener)  
Dr. Alak Kumar Ghosh, Professor, Chemistry Department, BU  
Dr. Soumen Bhattacharjee, Professor, Botany Department, BU  
Dr. Niladri Hazra, Associate Professor, Zoology Department, BU  
Dr. Abhoy Kumar Mondal, Associate Professor, Computer Science Department, BU  
Dr. Amar Kumar Banerjee, Associate Professor, Mathematics Department, BU  
Dr. Sanjoy Mukherjee, Associate Professor, Physics Department, BU  
Dr. Amal Kumar Bandyopadhyay, Assistant Professor, Biotechnology Department, BU  
Dr. Subodh Chandra Pal, Assistant Professor, Geography Department, BU  
Dr. Ujjal Mandal, Assistant Professor, Chemistry Department, BU  
Mr. Rahul Karmakar, Assistant Professor, Computer Science Department, BU  
Mr. Atanu Koner, Faculty Contractual, Biotechnology Department, BU

Dr. Subhajit Karmar, Scientific Officer, USIC, BU  
Mr. Ashish Dhara, Scholar, Geography Department, BU  
Mr. Debnarayan Chowdhury, Scholar, Zoology Department, BU  
Mr. Chandi Charan De, Scholar, Physics Department, BU

### **Publicity, Press, Videography, Photography and Abstract Printing**

Dr. Abhijit Mazumder, Professor, Zoology Department, BU (Convener)  
Dr. Mantu Saha, Professor, Mathematics Department, BU  
Dr. Pravat Kumar Kuri, Professor, Economics Department, BU  
Dr. Subhasis Das, Professor, Physics Department, BU  
Dr. Debasis Das, Professor, Chemistry Department, BU  
Dr. Tafajol Hossain, Associate Professor, Philosophy Department, BU  
Dr. Bholanath Mandal, Associate Professor, Chemistry Department, BU  
Dr. Biswaranjan Mistri, Assistant Professor, Geography Department, BU  
Dr. Somasis Sengupta, Assistant Professor, Geography Department, BU  
Dr. Samthen Tamang, Assistant Professor, Mathematics Department, BU  
Dr. Arindam Roy, Assistant Professor, Political Science Department, BU  
Dr. Shuvendu Sekhar Bhattacharyya, Senior Teacher, Chemistry Department, BU  
Dr. Sunil Kanti Mondal, Faculty Contractual, Biotechnology Department, BU  
Dr. Amarendra Mahapatra, Deputy Inspector of Colleges, BU  
Mr. Santu Ghosh, Publication Officer, BU  
Mr. Hitendranath Ghosh, University Engineer (In-Charge), BU  
Mr. Chandan Pal, Superintendent (Press), BU  
Dr. Subhasish Mondal, Junior Scientist, WBSCST  
Mr. Sumanta Das, PA, PURSE Program, BU  
Mr. Arnab Chatterjee, Scholar, Zoology Department, BU  
Mr. Tapas Ghosh, DEO, DHESTBT, GoWB

### **Exhibition**

Dr. Swapan Kumar Pradhan, Professor, Physics Department, BU (Convener)  
Dr. Gorachand Layek, Professor, Mathematics Department, BU  
Dr. Sumanta Bhattacharya, Professor, Chemistry Department, BU  
Dr. Tushar Kanti Maity, Associate Professor, Botany Department, BU  
Dr. Anupam Basu, Associate Professor, Zoology Department, BU  
Dr. Abhijit Chakraborty, Associate Professor, Physics Department, BU  
Dr. Sunil Karforma, Associate Professor, Computer Science Department, BU  
Dr. Shyamal Kumar Hui, Associate Professor, Mathematics Department, BU  
Dr. Khagendra Nath Chattopadhyay, Assistant Professor, Education Department, BU  
Dr. Tanmay Das, Assistant Professor, Chemistry Department, BU  
Dr. Pradipta Saha, Assistant Professor, Microbiology Department, BU  
Dr. Sudipto Mandal, Assistant Professor, Environmental Science Department, BU

### **Food**

Mr. Arijit Chatterjee, Assistant Director, Lifelong Learning, BU (Convener)

Mr. Sumit Mukherjee, PS to Vice-Chancellor, BU  
Mr. Kalyan Kumar Mukhopadhyay, Secretary, Faculty Council (Arts, etc), BU  
Dr. Surajit Nandi, Sports Officer, BU  
Mr. Krishnendu Mazumdar, Assistant Controller of Examinations, BU  
Mr. Debasis Pal, Trust Officer, BU  
Dr. Atish Chandra Mondal, Associate Professor, Physics Department, BU  
Dr. Rajib Bandyopadhyay, Associate Professor, Botany Department, BU  
Dr. Abhigyan Dutta, Assistant Professor, Physics Department, BU  
Dr. Koushik Ghosh, Assistant Professor, Zoology Department, BU  
Dr. Amitava Choudhuri, Assistant Professor, Physics Department, BU  
Dr. Prasanta Malik, Assistant Professor, Mathematics Department, BU  
Dr. Asoke Ghosh, Assistant Professor, Botany Department, BU  
Mr. Debdoot Gupta, Faculty Contractual, Microbiology Department, BU  
Dr. Apuraba Kumar Ghosh, Assistant Professor, UIT, BU  
Dr. Amalendu Sinhababu, Senior Teacher, Chemistry Department, BU  
Mr. Arnab Kumar Mondal, JTA, Environmental Science Department, BU  
Mr. Budhadeb Chowdhury, Scholar, Chemistry Department, BU  
Mr. Tanmay Mondal, PA, PURSE Program, BU  
Mr. Kuntal Mukherjee, PA, PURSE Program, BU

**Finance:**

Mr. Partha Narayan Ghosh, Finance Officer, BU (Convener)  
Dr. Arijit Ghoshal, Associate Professor, Mathematics Department, BU  
Mr. Indra Narayan Ghosh, Audit & Accounts Officer, BU  
Mr. Sujan Das, Accounts Officer, BU  
Mr. Susovan Ghosh, Accounts Officer, BU

**Technical/Poster Session Including Judges and Invited Speakers Management**

Dr. Sabreswar Chaudhuri, Professor, Physics Department, BU (Convener)  
Mr Utpal Kumar Biswas, Senior Scientist, DHESTBT, GoWB  
Mr. Amiya Kumar Kalidaha, Senior Scientific Officer, DHESTBT, GoWB  
Dr. Giasuddin Siddique, Professor, Geography Department, BU  
Dr. Rabindra Nath Das, Professor, Statistics Department, BU  
Dr. Abhijit Bandopadhyay, Associate Professor, Botany, Department, BU  
Dr. Arindam Gupta, Assistant Professor, Statistics Department, BU  
Dr. Analabha Roy, Assistant Professor, Physics Department, BU  
Dr. Prasanta Malik, Assistant Professor, Mathematics Department, BU  
Dr. Sumit Kumar Hira, Assistant Professor, Zoology Department, BU  
Dr. Rahul Das, Assistant Professor, Physics Department, BU  
Dr. Biplab Sarkar, System Manager, Computer Centre, BU  
Dr. Biswarup Sarkar, Deputy Controller of Examinations, BU  
Dr. Aninda Bose, Scientific Officer, Physics Department, BU  
Dr. Deb Prakash Pahari, Scientific Officer, Geography Department, BU

**Transport and Accommodation**

Dr. Dipendra Nath De, Estate Officer, BU (Convener)

Dr. Partha Mitra, Professor, Physics Department, BU

Dr. Subhra Kanti Mukhopadhyay, Associate Professor, Microbiology Department, BU

Dr. Sanjib Ray, Associate Professor, Zoology Department, BU

Dr. Brojeswar Pal, Assistant Professor, Mathematics Department, BU

Dr. Ritesh Kshetri, Associate Professor, Physics Department, BU

Dr. Souvik Bhattacharyya, Assistant Professor, UIT, BU

Mr. Pradip Kumar Roy, Assistant Controller of Examinations, BU

Mr. Sukhendu Dey, JTA, Controller's Department, BU

Mr. Priyabrata Sain, JTA, Controller's Department, BU

**Cultural Programme:**

Dr. Jai Prakash Keshri, Professor, Botany Department, BU (Convener)

Dr. Narayan Chandra Jana, Professor, Geography Department, BU

Dr. Avijit Bandyopadhyay, Associate Professor, Botany Department, BU

Dr. Ritabrata Biswas, Assistant Professor, Mathematics Department, BU

Mr. Parthajit Roy, Assistant Professor, Computer Science Department, BU

Mrs. Monali Mitra Paladhi, Deputy Librarian, BU

Mr. Bapi Bouri, Student, Mass Communication Department, BU

Ms. Julfa Khatun, Student, Mass Communication Department, BU