



Office of the Principal Scientific Adviser
to the Government of India



Ministry of Culture
Government of India



“Vigyan Sarvatra Pujyate”

Birla Institute of Technology Mesra, Ranchi, Jharkhand, India Science & Technology Festival Week (February 22-28, 2022)

Exhibition / Science Films Shows / Science Book Fair: 11.00 AM to 4.00PM (Everyday)

Venue: R & D Building Seminar Hall 1,2,3 / CAT Hall / Central Library

Date	Theme	Time	Activities
Feb18, 2022	Curtain Raiser	4.00 - 5.00 PM	Media Briefing at BIT Lalpur - The Registrar
DAY-1 (Tuesday)			
Feb 22, 2022	Inauguration (Venue CAT)	2.45 PM	Audience to be seated. Mr. Mrinal Pathak & Dr. Richa Pandey opening note and anchoring.
		3.00 PM	Lighting the lamp, BIT Prayer and start of the inauguration function
		3.10 PM	Dr Peeyush Tewari to introduce the theme of the event 'Vigyan Sarvatra Pujyate'
		3.25 PM	Professor Utpal Baul Dean Alumni & International Relations (DAIR)
		3.35 PM	DRIE to present the research initiatives of BIT Mesra
		3.45 PM	Hon. Vice Chancellor to deliver the theme and importance of 'Azadi ka Amrit Mahotsav'
		4.00 PM	Hon Governor and the Chancellor of BIT to join online and the Hon Vice Chancellor to Welcome and Introduce the Chief Guest 'Hon'ble Governor of Jharkhand'
		4.05 PM	Hon Governor to address the audience and declare the week-long program on 'Vigyan Sarvatra Pujyate' Open
		4.25 PM	Vote of Thanks by Dr Amit Tewari
	4.30 PM	National Anthem and Closure of Inauguration Function	
	Cultural Evening (Venue CAT)	4.45 - 6.00 PM	Cultural Program by Local artists, BIT Students
DAY-2 (Wednesday)			
Feb 23, 2022	Annals of History of Science	4.00 - 4.45 PM	Topic: Statistics and Diversity of Indian Population- Legacy of Prasanta Chandra Mahalanobis By Dr Partha P Majumder, Former President, IASc Bangalore
	Wall Painting by BIT Fine arts FAS Society, BIT EPAC State Level Programs(Online) Adsense, PENolution etc.	4.45 - 5.30 PM	Expert Talk (online) Topic: Small Molecules Drugs for Epigenetic Target: Big Future in Medicine By Dr Anand Dev Tiwari Taussig Cancer Institute, Cleveland USA



Office of the Principal Scientific Adviser
to the Government of India



Ministry of Culture
Government of India



विज्ञान प्रसार
VIGYAN PRASAR



DAY-3 (Thursday)			
Feb 24, 2022	Milestones of Modern S&T	4.00 - 4.45 PM	Expert Talk: (online) Topic: Rapid Diagnostics in Infectious Diseases By Dr Nishant Prasad Program Director, Weill Cornell Hospitals New York Presbyterian Queens, NY, USA
	BIT EPAC State Level Programs (Online) Adsense, PENolution etc	4.45 - 5.30 PM	Expert Talk: (online) Topic: Indian Cardiology-Current perspective and the Future ahead By Dr. Naresh Trehan Chairman & Managing Director, Medanta Heart Institute, Gurugram, India
DAY-4 (Friday)			
Feb 25, 2022	Swadeshi- Paramparik Inventions & Innovations Srijan Firevolt,	4.00 - 4.45 PM	Expert Talk: (online) Topic: Mathematical Modelling of Earth systems–Efforts till Now and the Future Ahead By Dr Rishi Narain Singh, IIT Gandhinagar (S. S. Bhatnagar Prize in Earth Science)
		4.45 - 5.30 PM	Expert Talk: (online) Topic: Scientific advancements in the growth of Electronic Industry - The Future Ahead By Prof. R.P. Yadav, HAG Professor, MNIT, Jaipur
DAY-5 (Saturday)			
Feb 26, 2022	Science Lit Festival Various BIT Locations BIT Students Prog (a)Science Talks (b)Poems and song Comp (c) Science Drama, (d) documentaries, (e) Sci-Fi Films, (f) Exhibition by Jharkhand based Startups	3.00 – 4.30PM	Expert Talk: (offline) Topic: Promoting Innovation /Entrepreneurship through Engineering Technology for Future Bio- waste to Fuel in India By Dr. P. Shanmugam Chief Scientist CSIR-CLRI Chennai
		4.45 - 5.30 PM	Expert Talk: (online) Topic: Insect Pest Management, Past and Present By. Dr. Nitin Kulkarni Director, Institute of Forest Productivity, Ranchi
DAY-6 (Sunday)			
Feb 27, 2022	Next 25 Years IIE, Aerospace LitSoc Poetry Comp, Exhibition by Jharkhand based Startups	4.00 - 4.45 PM	Expert Talk (online) Topic: Biochar-based carbon-negative technology- A way forward to achieve carbon neutrality by 2070 By Dr. Dinesh Mohan, JNU, INDIA
		4.45 - 5.30 PM	Expert Talk: (online) Topic: Recycling of Plastic Waste to Plastic Composite Products. Mission: Clean India, Green India and Make in India By Dr. Shantanu Bhowmik Department of Aerospace Engineering, Amrita University



Office of the Principal Scientific Adviser
to the Government of India



Ministry of Culture
Government of India



DAY-7 (Monday)			
Feb 28, 2022	Finale (Venue CAT)	2.00 - 2.10 PM	Overview of the S&T Festival week celebration by Dr Richa Pandey &
		2.10 - 2.45 PM	Invited talk by Dr. Indranil Chattoraj Director CSIR-National Metalurgical laboratory Jamshedpur
		2.45 - 3.30 PM	Panel discussion Topic: Future directions towards development of Science and Technology in Jharkhand. Panelists 1. Prof. Shalendra Singh, Director IIM Ranchi 2. Dr. P P Chattopadhyay, Director NIFFT, Ranchi 3. Dr Satyanarayana Director, Central Tasar Research and Training Institute, Ranchi 4. Dr K K Sharma, Director, IINRG, Ranchi 5. Dr C Jeganathan, DRIE, BIT Mesra
		3.30 - 3.40 PM	Prize distribution by Dr ADOSA
		3.40 - 3.45 PM	Book Release Book Title: "Bus Ek Kadam Aur" Author Dr. Sanjay Kumar, BIT Mesra, Ranchi
		3.45-3.55 PM	Address by Vice Chancellor
		3.55-4.00 PM	Vote of Thanks Dr Peeyush Tewari, Coordinator, VSP
		4.00-4.15 PM	Group Dance
		4.15 PM	End of the program.

Dr Peeyush Tewari: 9868375962, peeyush@bitmesra.ac.in

Dr Kirti Avishek (Expo Coordinator): 8294934737

Radio Partner; BIG FM 92.7

Enjoy STF - Go Green - Be Safe



Office of the Principal Scientific Adviser
to the Government of India



Ministry of Culture
Government of India



**SCIENCE & TECHNOLOGY FESTIVAL WEEK
(FEBRUARY 22-28, 2022)
BIT Students Clubs Activities**

DAY & DATE	START TIME - END TIME	EVENT NAME	CLUB	VENUE
DAY 1 22/02/2022	ONLINE	LITSOC	LITERARY SOCIETY	ONLINE
	5:00-8:00 PM	ANALYTICA	SIME	L.H-2 (HYBRID)
DAY 2 23/02/2022	11:00-12:30 PM	AUTO QUIZ	FIRE BOLT	L.H-3
	ONLINE	LITSOC	LITERARY SOCIETY	ONLINE
DAY 4 25/02/2022	5:00-7:00 PM	AEROTALK & QUIZ	AEROSPACE SOCIETY	L.H-2
	ONLINE	LITSOC	LITERARY SOCIETY	ONLINE
	3:30-4:30 PM	All about EV	AVEON	LH-2
DAY 5 26/02/2022	6:00-6:30 PM	MUSICAL PERFORMANCE	DHAWANI	CAT HALL
	6:30-7:00 PM	MIME PERFORMANCE	EHSAAS	CAT HALL
	7:00-7:30 PM	DANCE PERFORMANCE	DANCE CLUB	CAT HALL
	10:00-11:00 PM	LAB VISIT	IIChe, BIT MESRA	CHEMISTRY LAB
	1:00-3:00 PM	ENIGMA	FINANCE CLUB	LH-2(HYBRID)
	ONLINE	LITSOC	LITERARY SOCIETY	ONLINE
DAY 6 27/02/2022	1:00-4:00 PM	SAVE THE EGG	IEI CIVIL, BIT MESRA	R & D BUILDING TOP FLOOR
	1:00-3:00 PM	LITERARY TALK (PRE EVENT ROSTRA-22)	LITERARY SOCIETY	CAT HALL
	ONLINE	LITSOC	LITERARY SOCIETY	ONLINE
DAY 7 28/02/2022	ONLINE	LITSOC	LITERARY SOCIETY	ONLINE



Office of the Principal Scientific Adviser
to the Government of India



Ministry of Culture
Government of India



Vigyan Sarvatra Puujyate

Information & Communication Technology Cell Science Films Screening Schedule

		CAT Hall	R&D Building SH 1	R&D Building SH 2
	11:00 AM	Sir Mokshagundam Visvesvaraya (H)	The Fragrance Economy (E)	Going Electric (H)
22- Feb	12:00	Women power in Science Part-1 (H)	Prafulla Chandra Ray (H)	P C Mahalanobis (E)
	2:00 PM	Unravelling the science behind Ayurved (H)	Cyber Physical Systems (E)	Value Addition: Agro Produce (E)
	3:00 PM	Drone Show by BotLab Dynamics	Vigyanveer: Transcribe Glass by Madhav Lavakare (H)	Vigyanveer - Innovative Easy Toothbrush by Dhruvi Gupta
	11:00 AM	Acharya Jagadish Chandra Bose (H)	Robotics in India (E)	BRO Modernising Mountain Roads (E)
23- Feb	12:00	Sela Tunnel Project- Making the Impossible Possible (H)	Gaganyaan Mission (H)	Satyendra Nath Bose (H)
	2:00 PM	Vaccine: India Fights Back (H)	Mega Science Projects: India's Contributions (E)	Quantum Science and Technology (E)



Office of the Principal Scientific Adviser
to the Government of India



Ministry of Culture
Government of India



	3:00 PM	IITs & The Promise of Nanotechnology (H)	Science For Change (H)	The Age of Drones (E)
	11:00 AM	Anna Mani (H)	Augmenting India's Ports and Waterways (H)	Horticulture-Accelerating Farmers Growth (H)
24-Feb	12:00	TMT: Mega Science Project (E)	Srinivasa Ramanujan (E)	CSIR - IGIB (H)
	2:00 PM	The Green Revolution: India's Independence and Scientific Community (H)		Aroma Mission (H)
	3:00 PM	The Changing face of Agriculture in Kashmir (H)	Tackling COVID-19: Masks, Diagnostic kits, Ventilator (H)	Tackling Corona: The Moving Target
	11:00 AM	Taming of chance P C Mahalanobis (E)	India's Genomics Mission (E)	DST - SCTIMST (H)
25-Feb	12:00	ISRO: India's Space Journey - (E)	DST ARIES (H)	
	2:00 PM	Gravitational Wave (E)	The Age of Drones (E)	Let's Talk Vaccine-Immunizing India (E) - Delhi 2
	3:00 PM	No Friends, No Enemies (E)	Vigyanveer : Leg Mouse by Mainuddin I Winner of Inspire Award -	



Office of the Principal Scientific Adviser
to the Government of India



Ministry of Culture
Government of India



विज्ञान प्रसार
VIGYAN PRASAR



			Manak given by DST, Govt. of India	
	11:00 AM	Homi Jehangir Bhabha(H)	Biofuel: Sustainable Alternative for Greener Future - (H)	Unravelling the science behind Ayurved (H)
26- Feb	12:00	Mega Science Project (H)	The Dreaded Needle (E)	DST-BSIP (E)
	2:00 PM	DST-ARI (E)	Neutrino Observatory (H)	S Chandrashekhra (H)
	3:00 PM	Value Addition: Agro Produce (E)	Vigyanveer : Plastoscope by Ananya Singh Winner of Inspire Award-Manak given by DST India	
	11:00 AM	In The Footsteps of K S Krishnan (H)	The Freedom Struggle and Scientific Community (H)	IITs & The Promise of Nanotechnology (H)
27- Feb	12:00	Science For Change (E)	The Freedom Struggle and Scientific Community (H) part- 2	Survey of India (E)
	2:00 PM	Atal Tunnel, Rohtang: An Engineering Marvel (H)	The Freedom Struggle and Scientific community Part - 3 (H)	Vigyanveer: Electrical Stick for Blinds by Indra Prasad Gothwal I



Office of the Principal Scientific Adviser
to the Government of India



Ministry of Culture
Government of India



				Winner of Inspire Award - Manak given by DST, Govt. of India(H)
	3:00 PM	Inspirational Scientists: Homage to the Founders of Indian Science (6 scientists)	Inspirational Scientists: Homage to the Founders of Indian Science (6 scientists)	Inspirational Scientists: Homage to the Founders of Indian Science (6 scientists)
28-Feb	11:00 AM	The Green Revolution: India's Independence and Scientific Community (H)	ISRO: India's Space Journey - (E)	Biofuel: Sustainable Alternative for Greener Future