

**GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF SCIENCE & TECHNOLOGY
LOK SABHA**

**UNSTARRED QUESTION No. 1232
TO BE ANSWERED ON 14/12/2022**

FUNDS RELEASED FOR MADHYA PRADESH

† 1232. SHRI VIVEK NARAYAN SHEJWALKAR

Will the Minister of SCIENCE AND TECHNOLOGY विज्ञान और प्रौद्योगिकी मंत्री **be pleased to state**

- (a) the details of the funds released to Madhya Pradesh including Gwalior under various schemes of the Ministry of Science and Technology;**
- (b) whether the funds released under the said scheme have already been utilized in the conceived schemes;**
- (c) if so, the details of such schemes under which the work has been completed or is on the verge of completion; and**
- (d) the reasons for non-completion of said work?**

ANSWER

**MINISTER OF STATE (INDEPENDENT CHARGE) OF THE
MINISTRY OF SCIENCE AND TECHNOLOGY AND EARTH SCIENCES
(DR. JITENDRA SINGH)**

विज्ञान और प्रौद्योगिकी तथा पृथ्वी विज्ञान मंत्रालय के राज्य मंत्री (स्वतंत्र प्रभार)
(डॉ. जितेंद्र सिंह)

- (a) The Ministry of Science and Technology (MoST), Government of India (GoI) is implementing several schemes and projects for the promotion of Science and Technology (S&T) in the state of Madhya Pradesh including Gwalior through three main wings of the Ministry namely the Department of Science and Technology (DST), the Department of Biotechnology (DBT) and the Department of Scientific and Industrial Research (DSIR)/ Council of Scientific and Industrial Research (CSIR). The schemes and supported projects of the Ministry are in alignment with different components of Sustainable Development Goals (SDGs) and National Development Programmes (NDPs) catering to different cross-sections of society and nurturing the Science, Technology and Innovation (STI).**

The details of the funds released under various schemes in the state of Madhya Pradesh during the last three financial years are given in the table below:

Name of Umbrella Scheme	Fund released (in Rs. Crore)
A. Department of Science and Technology	
Research & Development	22.67
S&T Institutional & Human Capacity Building	100.61
Innovation Technology Development and Deployment	32.13
National Mission on Interdisciplinary Cyber-Physical Systems	7.25
Total (A)	162.66
B. Department of Biotechnology	
Biotechnology Research & Development	11.33
Industrial & Entrepreneurship Development	0.10
Total (B)	11.43
Grand Total (A+B)	174.09

(b) to (d): Yes Sir, the fund released under the various schemes is being utilized for creating S&T infrastructure, S&T-led innovations and startups, technology development and seeding of the cutting-edge, futuristic areas of S&T to connect and empowering the stakeholders. The list of projects supported in the state of Madhya Pradesh during the last three financial years under the above mentioned schemes/programs of DST and DBT is enclosed as Annexure I.

List of projects supported by DST during the last three financial years

S.No	Name of the umbrella scheme	Year of Sanction of the project	Project Title	PI Name & Address	Released amount (in Lakhs)	Status of the project
1.	Research and Development	2019-20	Fabrication of silicon photonic Nano structure devices for optical communication and interconnects	Dr. Mukesh Kumar IIT-Indore	125.79	Completed
2.	Research and Development	2021-22	Nature Inspired Fractal patterned Micro-Nano-structured catalyst modified electrodes A novel approach for efficient hydrogen production by electrolysis of water	Dr. Archana Singh AMPRI-Bhopal	10.93	Being implemented as per approved guidelines
3.	Research and Development	2020-21	Strengthening of MP State Knowledge Management Centre on Climate Change	Mr. Lokendra Thakkar, Environmental Planning and Coordination Organization, Environment Department, GoMP, Bhopal, MP	281.26	Being implemented as per approved guidelines
4.	S&T institutional and Human Capacity Building	2019-20	Assistance to S&T Secretariat of Madhya Pradesh Council of Science and Technology	Director General, Madhya Pradesh Council of Science and Technology, Bhopal	180.54	Completed
5.	S&T institutional and Human Capacity Building	2020-21	Assistance to S&T Secretariat of Madhya Pradesh Council of Science and Technology	Director General, Madhya Pradesh Council of Science and Technology, Bhopal	180.54	Completed
6.	S&T institutional and Human Capacity Building	2021-22	Assistance to S&T Secretariat of Madhya Pradesh Council of Science and Technology	Director General, Madhya Pradesh Council of Science and Technology, Bhopal	180.54	Completed
7.	S&T institutional and Human Capacity Building	2019-20	Integration of Non-Timber Forest Products (NTFPs) as a means of socio-economic development in selected scheduled areas of Madhya Pradesh	Dr. Sandeep Kaushik, Assistant Professor, Department of Environmental Science, Indira Gandhi National Tribal University, Amarkantak, Village-Lalpur, Distt- Anuppur, Madhya Pradesh, Pin -484887	14.01	Being implemented as per approved guidelines
8.	S&T institutional and Human Capacity Building	2021-22	To establish women technology park for demonstrative model of technologies for livelihood enhancement of tribal women in narharpur block, kanker (c.g)	Mr.S R Azad, General Secretary Madhya Pradesh VigyanSabhaGyanVigyanParisar , SagoniKalan, Raisen Road Bhopal Madhya Pradesh(462021)	19.54	Being implemented as per approved guidelines
9.	S&T institutional and Human Capacity Building	2021-22	Multiplex real-time pcr based rapid detection of sexually transmitted pathogens in tribal women of district anuppur, Madhya Pradesh, for improving public health	Dr Poonam Sharma, Professor & Head, Indira Gandhi National Tribal University Amarkantak, Madhya Pradesh	30.98	Being implemented as per approved guidelines

10.	S&T institutional and Human Capacity Building	2019-20	DST FIST Project	Head, Department of Zoology, Dr. Harisingh Gour Vishwavidyalaya University Road, Sagar-470003, Madhya Pradesh	126.0	Being implemented as per approved guidelines
11.	S&T institutional and Human Capacity Building	2019-20	DST FIST Project	Head, Department of General & Applied Geography, Dr Harisingh Gour Vishwavidyalaya Sagar, Madhya Pradesh	50.0	Being implemented as per approved guidelines
12.	S&T institutional and Human Capacity Building	2019-20	DST FIST Project	Head, Department of Mathematics, Indian Institute of Technology, Simrol, Khandwa Road, Indore-453 552, Madhya Pradesh	21.0	Being implemented as per approved guidelines
13.	S&T institutional and Human Capacity Building	2019-20	DST FIST Project	Head, Department of Botany, The Indira Gandhi National Tribal University, Lalpur, Anuppur, Amarkantak-484886, Madhya Pradesh	71.0	Being implemented as per approved guidelines
14.	S&T institutional and Human Capacity Building	2019-20	DST FIST Project	Head, Madhav Institute of Technology and Science, Thatipur, Gwalior Madhya Pradesh-474005	39.50	Being implemented as per approved guidelines
15.	S&T institutional and Human Capacity Building	2019-20	DST FIST Project	Head, Department of Zoology, Dr. Harisingh Gour Vishwavidyalaya University Road, Sagar-470003, Madhya Pradesh	126.0	Being implemented as per approved guidelines
16.	S&T institutional and Human Capacity Building	2021-22	DST FIST Project	Head, Department of Design, Indian Institute of Information Technology Design and Manufacturing, Jabalpur - 482005, Madhya Pradesh	65.0	Being implemented as per approved guidelines
17.	S&T institutional and Human Capacity Building	2021-22	DST FIST Project	Head, Department of Earth and Environmental Sciences, Indian Institute of Science Education and Research Bhopal, Bhauri, Bhopal-462 066	49.0	Being implemented as per approved guidelines
18.	S&T institutional and Human Capacity Building	2021-22	DST FIST Project	Head, Department of Biosciences and Biomedical Engineering, Indian Institute of Technology, Khandwa Road, Simrol, Indore - 453552, Madhya Pradesh	50.0	Being implemented as per approved guidelines
19.	S&T institutional and Human Capacity Building	2021-22	DST FIST Project	Head, Department of Astronomy, Astrophysics and Space Engineering, Indian Institute of Technology, Khandwa Road, Simrol, Indore - 453552, Madhya Pradesh	305.0	Being implemented as per approved guidelines
20.	S&T institutional and Human	2021-22	DST FIST Project	Head Department of Metallurgy Engineering and Materials Science,	220.0	Being implemented as per

	Capacity Building			Indian Institute of Technology, Khandwa Road, Simrol, Indore - 453552, Madhya Pradesh		approved guidelines
21.	S&T institutional and Human Capacity Building	2021-22	DST FIST Project	Head, Department of Biotechnology, Indira Gandhi National Tribal University, PO IGNTU, Amarkantak, Anuppur-484887, Madhya Pradesh	119.0	Being implemented as per approved guidelines
22.	Innovation, Technology Development and Deployment	2019-20	Large scale production of nanomaterials and thin films for semiconducting devices and astronomical research	Dr.Somaditya Sen IIT- Indore	40.15	Completed
23.	Innovation, Technology Development and Deployment	2019-20	Development of joining process for industrial components through electromagnetic forming	Mr. Meraj Ahmed AMPRI- Bhopal	41.98	Completed
24.	Innovation, Technology Development and Deployment	2019-20	Design And Development Of Laser Decal Transfer Based Micro 3D Printer For Printing Micro Devices	D. I.A. Palani IIT- Indore	33.53	Completed
25.	Innovation, Technology Development and Deployment	2019-20	Large scale production of nanomaterials and thin films for semiconducting devices and astronomical research	Dr.Somaditya Sen IIT- Indore	40.15	Completed
26.	Innovation, Technology Development and Deployment	2020-21	Instrument for Rapid Detection of Aflatoxin-BI in Cereal Grains and Oilseeds: hyper Alfa	Dr.Subir Kumar Chakraborty, Agro produce processing Division, ICAR-CIAE-Bhopal	50.46	Being implemented as per approved guidelines
27.	Innovation, Technology Development and Deployment	2020-21	Indigenous, Cost Effective, Non-invasive Device for Patient Specific Respiratory Motion Management in High Precision Image Guided Radiotherapy Treatment.	Dr.Saikat Das, Associate professor, All Indian institute of Medical science (AIIMS) Bhopal Madhya Pradesh - 462026	47.39	Being implemented as per approved guidelines
28.	Innovation, Technology Development and Deployment	2021-22	Design and Development of and instrument for real time assessment of ferromagnetic phase fraction in ferrous alloys	Dr.AbhinavVarshney, Assistant Professor,Mechanical Engineering Maulana Azad National Institute of Technology, Bhopal Mr. N H Bhargaw, Senior Principal Scientist Smart and Functional Martials CSIR Adanced Materials and processes Research Institute	32.25	Being implemented as per approved guidelines
29.	Innovation, Technology Development and Deployment	2021-22	Conservation and propagation of tribal heritage and traditions of blocks of Tamia-Patalkot, Junnardeo (Jamai) and Harrai, District Chhindwara in Madhya Pradesh through intervention of Science and Technology	Dr. Monika Jain Search and research development society, Bhopal, Madhya Pradesh-462002	48.05	Being implemented as per approved guidelines
30.	Innovation, Technology Development	2020-21	A Proposal for field Trial to develop RAKU Glazes	Shri. Vijay Chandra Prakash	34.39	Completed

	and Deployment		for Indian Earthen-Ware pottery	Grampdaya Sangh. P.O. Bhandrawati - 442902, Chandrapur		
31.	Innovation, Technology Development and Deployment	2020-21	Neuroprotective Phytoceutical Neuro-STRIPS for Alzheimer's Disease	Dr. Sharada L Deore GOVT. College of Pharmacy, Kathora Naka, Amravati - 444604, Maharashtra	24.29	Being implemented as per approved guidelines
32.	Innovation, Technology Development and Deployment	2020-21	Development of Pervaporation process for Separation of Lycopene from Tomato Waste	Dr. Shyam M. Kodape, Visvesvaraya National Institute of Technology, South Ambazari Road, Nagpur, 440010, Maharashtra	16.38	Being implemented as per approved guidelines
33.	Innovation, Technology Development and Deployment	2020-21	IoT based soil parameter tester for Comparison for fertilizer free natural farming and chemical fertilzer based farming	Dr. Ganesh C. Patil, Center for VLSI and nanotechnology, Visvesvaraya National Institute of Technology, Nagpur - 440010	24.41	Being implemented as per approved guidelines
34.	Innovation, Technology Development and Deployment	2020-21	Integrated low pressure membrane system ILPMS for water purification and disinfection	Dr. Swatantra Pratap Singh Indian Institute of Technology Bombay, Maharashtra	28.74	Being implemented as per approved guidelines
35.	Innovation, Technology Development and Deployment	2021-22	Design and manufacturing of flexible cage for cattle transport vehicle with loading adujstment	Mr. Sandip Subhashrao Patil Department of Mechanical Engineering, Guru Gobind Singh Foundation's Guru Gobind Singh College of Engineering and Research Centre, Nashik, Khalsa Eudcational Complex, Guru Gobind Singh Marg, Wadala - Parhardi Road, Annexe Nashik, Indira Nagar, Nashik, Maharashtra - 422009	28.00	Being implemented as per approved guidelines
36.	Innovation, Technology Development and Deployment	2020-21	Development of Landslide Early Warning System and Real Time Monitoring, Uttarakhand	Dr. Neelima Satyam, Department of Civil Engineering, IIT Indore, Madhya Pradesh	42.49	Being implemented as per approved guidelines
37.	Innovation, Technology Development and Deployment	2020-21	Science Technology and Innovation Hub in Gyaspur Block Vidisha district (M.P.)	Dr. U.S Sharma, Madhya Pradesh Vigyan Sabha, Gyan Vigyan Parisar, Sagoni Kalan, Raisen Road, Bhopal-462 021.	73.44	Being implemented as per approved guidelines
38.	Innovation, Technology Development and Deployment	2019-20	People and Protected Areas: Participatory Approach for Conservation of forest resources and livelihood of local communities through S&T Intervention.	S.R. Azad, Madhya Pradesh Vigyan Sabha, Gyan Vigyan Parisar, Sagonikalan, Raisen Road, Bhopal-462 021.	29.14	Being implemented as per approved guidelines
39.	Innovation, Technology Development and Deployment	2021-22	Conservation and propagation of tribal heritage and traditions of blocks of Tamia-Patalkot, Junnardeo (Jamai) and Harrai, District Chhindwara in Madhya Pradesh through intervention of Science and Technology	Dr. Monika Jain Search and research development society, Bhopal, Madhya Pradesh-462002	48.05	Being implemented as per approved guidelines

40.	Innovation, Technology Development And Deployment	2019-20	Eco Media for promoting Green Life Skills and Scientific temper among distressed tribal youth of Districts Shivpuri, Madhya Pradesh	Ms. Anupam Sahu Kadam Jan Vikas Sanstha RetiFatakLohamandi Gwalior- 474003 (M.P.)	9.50	Completed
41.	Innovation, Technology Development And Deployment	2019-20	Eco Next Capacity Building Agro Eco Media for Science Communications Awareness	Mr. Vikas Sharma Rishiraj Samajik Avam Shaikshnic Sanstha Samiti, 104, AsthVinayak Apartment, Dhanvantri Nagar, Indore- 452012 (M.P.)	9.50	Completed
42.	Innovation, Technology Development And Deployment	2019-20	Training of the Teachers for Innovative Teaching Methods in Science to Promote Innovations amongst the students of 16 districts of rural areas in Madhya Pradesh	Ms. Sarika Gharu Astronomica Science Activity and Education Society Vansh Narain Colony, Sastry Ward, Sohagpur, Hosangabad- 461771 (M.P.)	40.50	Completed
43.	Innovation, Technology Development And Deployment	2019-20	Youth for Sustainable Society : Communicating S&T for Eco Design Practices	Mr. Shailesh Singh Kushwah, Shivbir Singh Kushwah Jan Kalyan Samity 1 Site No-1, City Centre, Gwalior- 474011 (M.P.)	9.50	Completed
44.	Innovation, Technology Development And Deployment	2019-20	Science Fair- Activity corners and Science Exhibition for Tribals, Scheduled Caste and Backward Class in Barwani, Harda and Shohore, Madhya Pradesh	Smt. Sandhya Verma Science Centre Gwalior 1A,Dk-II, Danish Kunj, Kolar Road Bhopal-460242 (M.P.)	10.80	Completed
45.	Innovation, Technology Development And Deployment	2019-20	Industry visit in Bhopal industrial area for the underprivileged students of district Raisen in Madhya Pradesh	Dr. Monika Search and Research Development Society S-8, Sagar Apartment, Professor colony, Bhopal- 462002 (M.P.)	4.00	Completed
46.	Innovation, Technology Development And Deployment	2019-20	Organisation of Districts and State Level Children's Science Congress-2019	Smt. Sandhya Verma Science Centre Gwalior 37, View Point Bunglow, DK02, Danish Kunj, Kolar Road Bhopal (M.P.)	21.70	Completed
47.	Innovation, Technology Development And Deployment	2019-20	Science Popularization Creating Awareness on Science and Technology in Backward District of MP Damoh, Chhatarpur	Dr. Sudha Gupta Memorial Society 3 Civil Lines, Near Second Bridge, Jabalpur- 4820001 (M.P.)	10.00	Completed
48.	Innovation, Technology Development And Deployment	2019-20	Science Flashmob- Developing Critical Thinking among Tribal Children in Madhya Pradesh	Ms. Ashee Chauhan Vanya Environment and Science Centre Society MIG-33, Chandannagar, Phase-I, Rasoolia Hosangabad- 461001 (M.P.)	25.00	Completed
49.	Innovation, Technology Development And Deployment	2019-20	Science Mela in Chhatapur, Tikamgarh and Panna, Madhya Pradesh	Shri Gulshan Baghel Akarsan Uthan Samiti Luckey Tyres DoolMarg, Bus Stand, Chattarpur (M.P.)	10.50	Completed
50.	Innovation, Technology Development And Deployment	2019-20	Mission Eco Next, Eco Routes Eco Leads to nurture Young Role Models for Resurgence of Eco Scientific Traditions	Dr. Shambhu Awasthi (AISECT University) Rabindranath Tagore University AISECT Society, Village: Mendua, Post: Bhojpur, Near BangrasiyaChouraha Bhopal- 464993 (M.P.)	10.00	Being implemented as per approved guidelines
51.	Innovation, Technology	2019-20	Training workshops for science and technology	Dr. Monika Jain	14.30	Completed

	Development And Deployment		communication through folk media (puppetry) in selected districts of Madhya Pradesh	Search and Research Development Society, S-8, Sagar Apartment, Professor colony Bhopal- 462002		
52.	Innovation, Technology Development And Deployment	2019-20	Training workshop cum awareness programme on explaining science behind miracles through folk media	Shri Sunil Jain Yuva Vigyan arishad 103 Anand Apartment, Naya Bazar, Lashkar Gwalior- 474001 (M.P.)	12.00	Completed
53.	Innovation, Technology Development And Deployment	2020-21	Outreach activities to inculcate scientific temper among school students of SC & ST community in Tribal district Betul (M.P.)	Ms. Reenu Jain Search And Research Development Society S-8, Sagar Apartment, Professor Colony Bhopal- 462002 (M.P.)	25.00	Completed
54.	Innovation, Technology Development And Deployment	2020-21	Public Awareness and General Understanding of Science and Technology in Sheopur, Madhya Pradesh	Ms. Vijay Laxmi Children Welfare and Education Society Sheopur- 476337 (M.P.)	8.650	Completed
55.	Innovation, Technology Development And Deployment	2020-21	Celebration of National Mathematics Day 2020 & National Science Day 2021 in Madhya Pradesh	Mr. Vikas Shende M.P. Council of Science & Technology (MPCST) Vigyan Bhavan, Nehru Nagar, Bhopal-462003 (M.P)	20.00	Completed
56.	Innovation, Technology Development And Deployment	2020-21	Science on Wheels for school students & Gen. Public in MP	Shri Bharat Bhushan Sharma Akarshan Uthan Samiti Lucky Tyres DoolMarg, Bus Stand, Chattarpur (M.P.)	34.26	Completed
57.	Innovation, Technology Development And Deployment	2020-21	Science Mela in Madhya Pradesh	Shri Binay Kumar All India Sarnath Educational rural Advancement & Cultural Society Care of Mathura Prasad-Vill-Gohadi gate, Bhind (M.P.)	11.00	Completed
58.	Innovation, Technology Development And Deployment	2020-21	Science Including Covid 19 Awareness for Empowering SC Girls	Mr. Aditya Prasher Vigyan Vani Education and Activity Society Roshni Graphics, Pratappura, Malviya Ganj Itarsi- 461111 (M.P.)	29.50	Completed
59.	Innovation, Technology Development And Deployment	2020-21	Understanding COVID-19 from Virology to Epidemiology to Technology	Dr. Biswajeet Mukherjee PDPM Indian Institute of Information Technology, Design & Manufacturing Jabalpur Dumna Airport Road, P.O.- Khamaria Jabalpur- 482005 (M.P.)	9.00	Being implemented as per approved guidelines
60.	Innovation, Technology Development And Deployment	2020-21	Understanding Epidemics for Empowerment of ST Students	Ms. Ashee Chouhan Sancharika Science and Environment Awareness Society 191, Sector-C, Baba Nagar, Shahpura Bhopal- 462039 (M.P.)	28.80	Completed
61.	Innovation, Technology Development And Deployment	2020-21	JAAN BHI, JAHAN BHI- Bring attitudinal changes through Health and Science Communication among Rural Citizens of Madhya Pradesh	Mr. Rajendra Gharu Vanja Environment & Science Centre Society MIG-33, Chandan Nagar, Phase-1, Rasuliya Hoshangabad- 461001 (M.P)	29.00	Completed
62.	Innovation, Technology Development And Deployment	2020-21	Vidyalay Vidarthiyonka Vigyan Evam Swasthya Saksharta Hetu Vaigyanik Drishtikonvikas	Mrs. Anupam Kadam Jan Vikas Sanstha Reti Fatak Loha mandi Gwalior- 474003 (M.P.)	9.50	Completed

63.	Innovation, Technology Development And Deployment	2020-21	Audio-Visual, Science Awareness and Health Awareness through Communication Media	Mr.Vikas Sharma Rishiraj Samajik Avam Shashnic Sanstha 104, AsthVinayak Apartment, Dhanvantri Nagar, Indore-452012	8.50	Completed
64.	Innovation, Technology Development And Deployment	2020-21	Science Communication and Popularization for Better and Healthy Living Standards	Shri Akhilesh Kumar Yadav Raman Science Research foundation H/o RadheyYadav, Kishori Public School, Ward No.-38, Ater Road, (M.P.)	11.00	Completed
65.	Innovation, Technology Development And Deployment	2020-21	Science Awareness Mela	Ms. Priyanka Gupta Maa Jyotsana Education and Welfare Society C/o Raghvendra Singh Yadav, Gali No.-4, Shiram Nana kaBada, Bundela colony, Datia-475661	11.00	Completed
66.	Innovation, Technology Development And Deployment	2020-21	Awareness Campaign for preventive measures against covid-19 & developing immunity in rural area through digital & folk media	Shri Sunil Jain YuvaVigyan Parishad 103 Anand Apartment, Naya Bazar, Lashkar Gwalior- 474009	18.20	Completed
67.	Innovation, Technology Development And Deployment	2020-21	Digital Techniques of Science & Technology Communication and Science Literacy with Schools	Mrs. Sheetal Sharma Ek Ummeed Shaikshanik Evam Samajik Kalyan Evam Vikas Samiti 212/C, Sahakar Nagar, CAT Aquare, Indore- 452012	9.50	Completed
68.	Innovation, Technology Development And Deployment	2020-21	Organisation of District and State Level Children's Science Congress-2020	Ms. Sandhya Verma Science Centre Gwlior 1A, DK-2, Danish Kunj, Kolar Road Bhopal- 462042	16.50	Completed
69.	Innovation, Technology Development And Deployment	2020-21	Science Awareness Camps for Tribal Youth	Mr. Vikram Bhanare Sajha Vikas Sanstha Ward No.-11, Saivihar Road, Malakhedi Tehsil & District Hoshangabad betul - 461001	9.50	Completed
70.	Innovation, Technology Development And Deployment	2020-21	Community Based Participation Science Media Based Health and Science Vommunication	Mr. Neelesh Sharma Hritunjaya Educational and Welfare Society 603 A Mahalaxmi Nagar Opp. Bombay Hospital Indore- 452012	9.50	Completed
71.	Innovation, Technology Development And Deployment	2020-21	Effective behavior change through health and science communication among tribals	Shri Aditya Prasher Kishorika Science Activity and Woman Awareness Society RB-1, SF, West Railway colony, Chhola Road Bhopal - 462001	26.50	Completed
72.	Innovation, Technology Development And Deployment	2020-21	Public Awareness and General Understanding of Science and Technology in Sheopur, Madhya Pradesh	Ms. Vijay Laxmi Children Welfare and Education Society Academy of Computer Technology, Ganesh Gali, Todi Bazar Sheopur- 476337	10.80	Completed
73.	Innovation, Technology Development And Deployment	2020-21	IEC activity for science, health and risk communication with focus on covid-19 through health camp, puppet show,	Shri Peeyush Dhar Tripathi KalpataruGramodyogSamiti Plot No.-9, 2nd Floor, Shivansh Tower, AdityaAvenu, Airport Road	7.36	Being implemented as per approved guidelines

			nukkadnatak for personal hygiene, hand was, social distancing and use of mask in slum areas district Bhopal MP	Bhopal- 462030		
74.	Innovation, Technology Development And Deployment	2020-21	District level Workshop on traditional folk media-with special reference to awareness on corona virus COVID-19 disease in tribal areas, M.P.	Dr. K K Yadav Shwetambara Shodh Avm Shekshnik Sansthan Samiti A-14/15, Mahananda Nagar, Dewas Road Ujjain- 456010	18.00	Completed
75.	Innovation, Technology Development And Deployment	2020-21	Year of awareness on science health 2020-21 (YASH) MP	Ms. Sandhya Varma Science Centre Gwalior 1-A, DK-2, Danish Kunj, Kolar Road Bhopal- 462042	34.11	Completed
76.	Innovation, Technology Development And Deployment	2020-21	Mass Awareness and Preparedness for a safe and healthy life, minimizing health related risk due to covid-19 Pandemic through Science Communication by using different media in selected districts of Madhya Pradesh	Dr. Monika Jain Search And Research Development Society S-8, Sagar Apartment, Professor Colony Bhopal- 462002	30.00	Completed
77.	Innovation, Technology Development And Deployment	2020-21	Preshikshankaryashalao v sthaniyyuvasamvaddwaras anjal networking vigyansancharkemadhyam se navacharvajalsansadhanprabandhanpratsahnana	Ms. Babita Halder Protsahan Education Society Harda L.I.G B-26, Near Nehru Park, Harda-461221	9.00	Completed
78.	Innovation, Technology Development And Deployment	2020-21	Developing Scientific temperament to promote public understanding of common minimum science for community care and health safety measures through cultural science pandal in central India	Dr. D C Gupta YuvaVigyan Parishad 103 Anand Apartment, Naya Bazar, Lashkar Gwalior- 474001	49.00	Completed
79.	Innovation, Technology Development And Deployment	2020-21	Saagar, Damoh v raaysainZilokeschoolon men kathavaachanjaisividhaked wara covid-19, swasthy v vigyansaakshrta	Ms. Rashmi Thakur Shramshakti Mahila Seva Sansthan Near Hotel Anandshree Near Privat Bus Stand, Krishnagunj Ward Sagar - 461221	9.00	Completed
80.	Innovation, Technology Development And Deployment	2020-21	Scientists and Doctors in School-Interaction with School Ging Children at 07 Tribal District of M.P.	Ms. Sarika Gharu Astronomica Science Activity and Education Society SaiAshray, Sai Fortune City, Sonasanwari, Itrasi Hoshangabad- 461111	13.38	Completed
81.	Innovation, Technology Development And Deployment	2021-22	VigyanMadhai: Science and Health Awareness (Including Awareness exercise on contagious diseases and epidemic) Program for Tribal Children of Madhya Pradesh	Shri Rajesh Parashar VigyanVani Kendra Education and Activity Society Poshmi Graphics, Pratappura, MalviyaGanj Itarsi	19.35	Completed
82.	Innovation, Technology	2021-22	JANJATI VIGYAN JATTHA: Science	Ms. Aishwary Sharma	30.00	Completed

	Development And Deployment		Awareness Program For Tribal Children of Madhya Pradesh	Astronomica Science Activity & Education Society SaiAsharay, Sai Fortune City, Sonasanwari, Itarsi Bhopal- 461111		
83.	Innovation, Technology Development And Deployment	2021-22	Organisation of Districts and State Level Children's Science Congress-2021 for M.P	Ms. Sandhya Verma Science Centre (Gwalior) 1A, DK-2, Danish Kunj, Kolar Road Bhopal- 462042	16.50	Completed
84.	Innovation, Technology Development And Deployment	2021-22	Science Mela for Rural Folk in Damoh, Satna, Chhatarpur and Panna, Madhya Pradesh	Ms. Shivani Kochar Akarshan Uthan Samiti Luckey Tyres DoolMarg, Bus Stand Chattarpur	18.20	Completed
85.	Innovation, Technology Development And Deployment	2021-22	Celebration of National Mathematics Day 2021 and National Science Day 2022 in Madhya Pradesh	Dr. Rakesh Kumar Arya M.P. Council of Science & Technology (MPCST) VigyanBhavan, Nehru Nagar Bhopal- 462003	20.00	Completed
86.	Innovation, Technology Development And Deployment	2021-22	Folk VigyanMahotshav (inculcating the scientific sprit of enthusiam in children lost during covid-19 epidemic)	Shri Sunil Jain Yuva Vigyan Parishad 103 Anand Apartment, NayaBazar Lashkar Gwalior- 474001	14.90	Completed
87.	Innovation, Technology Development And Deployment	2021-22	S and T Outreach activities for SC/ST/ underprivileged children in Hoshangabad, Raisen and Sehore district of Madhya Pradesh	Dr. Monika Jain Search & Research Development Society S-8, Sagar Apartment, Professor Colony Bhopal - 462002	26.67	Completed
88.	Innovation, Technology Development And Deployment	2021-22	Science on Wheels "Popularization of the Science Communication in Aspirational Districts/SC/ST Population of Madhya Pradesh	Shri Rajbeer Singh Raman Science Research Foundation H/o RadheyYadav, Kishori Public School Ward No-38, Ater Road Bhind - 477001	32.00	Being implemented as per approved guidelines
89.	Innovation, Technology Development And Deployment	2021-22	Science outreach mirror for children	Shri Ranveer Singh Jadon Dayaram Shrivastav Foundation Modern Children School, Soni Colony, Guna Guna- 473001	8.00	Being implemented as per approved guidelines
90.	Innovation, Technology Development And Deployment	2021-22	Workshop on Innovation and Science Communication through Exhibition for SC/ST Students in the Rural Areas of Madhya Pradesh	Ms. Monika Prabhakar All India Sarnath Educational Rural Advancement & Cultural Society Mathura Prasad, Vill- Gohadi Gate Bhind - 477001	28.00	Being implemented as per approved guidelines
91.	Innovation, Technology Development And Deployment	2021-22	Organization of Innovation and Product Development Workshop for the students of Aspirational Districts of Madhya Pradesh	Dr. Shekher Rojeskar Sai Srishti Educational and Social Welfare Society SuparshvnathAptt, A8, Silicon City Indore- 452001	29.70	Being implemented as per approved guidelines
92.	Innovation, Technology Development And Deployment	2021-22	Virtual Bioscopes based interactive field events for promoting a web of science educators and strengthening students perceptions, Inquisitiveness and scientific thinking capacity	Mr. Vijayant Solanki Rishiraj Samajik Avam Shashnic Sansthan 104, AsthVinayak Apartment, Dhanvantri Nagar Indore - 452012	17.35	Being implemented as per approved guidelines

93.	Innovation, Technology Development And Deployment	2021-22	Creating Science Literacy on Food Science and Innovation for Housewives	Mr. Naseeb Mohammad Ek Ummeed Shaikshanik Evam Samajik Kalyan Evam Vikas Samiti 212/C, Sahakar Nagar Vat Square Indore- 452012	14.70	Being implemented as per approved guidelines
94.	Innovation, Technology Development And Deployment	2021-22	MeriRasoi-MahilaVigyanSaksharataki Prayogshala	Mrs. Shabana Bano Kadam Jan VikasSanstha Gwalior RetiFatakLohamandi Gwalior- 474003	15.65	Being implemented as per approved guidelines
95.	Innovation, Technology Development And Deployment	2021-22	Scientific Dialogues and public consciousness development for better health and hygiene of labour women in industries of Burhanpur	Mrs. Renuka Mahajan Got Succeed Social Welfare Society 17-A Bhartiya Shopping Complex, Rastipura Burhanpur- 450331	10.65	Being implemented as per approved guidelines
96.	Innovation, Technology Development And Deployment	2021-22	S and T Communication about techniques of scientific recycling and up-cycling for Achieving Long Term Sustainability	Mrs. Jyoti Solanki Minerva Skills Society for Education and Vocational Training Samiti 101-Sona Place, Baikunth Dham, Khajrana road Indore- 452009	11.20	Being implemented as per approved guidelines
97.	Innovation, Technology Development And Deployment	2021-22	Scientific literacy to create a comprehensive understanding on health and nutritional food	Mr. Ravi Joshi Shivkunj Educational Society Khasara No.-137, C-109/2, Opp. CM II 267, Last Tempo Stop Sukhliya Indore- 452012	11.35	Being implemented as per approved guidelines
98.	Innovation, Technology Development And Deployment	2021-22	Hygiene and Health Sciences Communication for Women	Mrs. Sunita Aagaj Samaj Sevi Sanstha C-109, New Saket Nagar, Tansen Road Gwalior- 474002	11.60	Being implemented as per approved guidelines
99.	Innovation, Technology Development And Deployment	2021-22	Water Conservation and Science Literacy	Mr. Malkhan Sen Jan Manvodaya Social Welfare Samiti 104/1 ToriyaMohalla Ward No-4 Chhatarpur- 471001	13.00	Being implemented as per approved guidelines
100.	Innovation, Technology Development And Deployment	2021-22	Science Awareness Mela to promote the importance of science for all the individuals through various innovative and interesting activities	Shri Pradeep Kumar Gupta Laxmi Samaj Sewa Avam Paryavaran Sansthan C/o Jaipalsingh Yadav, Village and Post Algi, Tehsil Karera Shivpuri- 473665	10.95	Completed
101.	Innovation, Technology Development And Deployment	2021-22	Promoting innovational mindset & scientific temper for young entrepreneurial community leaders through creative hands on S&T communication	Mrs. Shilpi Jain Navdisha Sahara Mahila Mandal Basant Ki Gali, Near Delhi Darwaza Chanderi- 473446	14.40	Being implemented as per approved guidelines
102.	Innovation, Technology Development And Deployment	2021-22	Jagori Kishori-Aadivashi Vigyan Utasv	Shri Anil Singh Kishorika Science Activity & Women Awareness Society RB-1, SF, West Railway Colony, Chhola Road Bhopal- 462001	30.25	Completed
103.	Innovation, Technology Development And Deployment	2021-22	Mobile Exhibition - Science on Wheels for School Students & ST, SC Community in Damoh, Satna, Tikamgarh & Panna	Ms. Shivani Kochar Akarshan Uthan Samiti Luckey Tyres Dool Marg, Bus Stand Chhatarpur	32.00	Completed

			District of Madhya Pradesh			
104.	Innovation, Technology Development And Deployment	2021-22	STEMM Communication and Popularization in Gwalior Madhya Pradesh	Ms. Vijay Laxmi Children Welfare and Education Society Yamnotri Apartment 96 Nehru Colony, Thatipur Gwalior- 474011	11.50	Completed
105.	Innovation, Technology Development And Deployment	2021-22	Science Awareness Mela in Tribal District Khargone, M.P.	Dr. Priya Yadav Matra Shakti ShikshaPrasarSamiti 108-CH, 74-C, Scheme Vijay Nagar Indore- 452010	11.55	Completed
106.	Innovation, Technology Development And Deployment	2021-22	Importance of Science in everyday life in Bhind, Mehgaon and Raun, Madhya Pradesh	Dr. Sanoj Singh Baish Shri Gopaldas Shiksha Prasar Evam Jan Kalyan Samiti Vivekanand College, gram-Davoha, Gwalior Road, Bhind-474001	11.15	Being implemented as per approved guidelines
107.	Innovation, Technology Development And Deployment	2021-22	Training in low-cost science learning/ teaching for teachers of tribal high schools	Shri Kamal Singh Tomar Sancharika Science and Environment Awareness Society 191, C-Sector, Baba Nagar, Shahpura Bhopal - 462039	26.70	Completed
108.	Innovation, Technology Development And Deployment	2021-22	Organizing Science Fair (VigyanMela) to inculcate scientific temper among studetns including underprivileged SC/ST students of Betul (Tibal District)	Ms. Pinky Bastwar Search & Research Development Society Sagar Apartment, Professor Colony Bhopal- 462002	19.30	Being implemented as per approved guidelines
109.	Innovation, Technology Development And Deployment	2021-22	Puppet shows at ST Village haats for promoting science communication among tribal groups for improving quality of life	Mrs. Nimisha Dwivedi Vigyan Vani Kendra Education and Activity Society Roshni Graphics, Pratappura, MalviyaGanj Itarsi- 461111	23.00	Completed
110.	Innovation, Technology Development And Deployment	2021-22	Regional training cum awareness campaign for health safety measures & developing scientific temperament for scheduled tribes through folk media	Dr. Rajeev Jain YuvaVigyanParishad 103 Anand Apartment, Naya Bazar Lashkar Gwalior- 474001	24.60	Completed
111.	Innovation, Technology Development And Deployment	2021-22	Outreach activities to communicate scientific temper for Tribal students in Tribal District Ratlam (M.P.)	Mr. Sumit KumarRajpurohit Yadukul Paryavaran Evam Samajik Sanrakshan Sanstha Samiti A14/15, Mahananda Nagar, Dewas Road Ujjain- 456010	17.65	Being implemented as per approved guidelines
112.	Innovation, Technology Development And Deployment	2021-22	Vigyan se Pragiti : Science Popularization and Awareness in Datia, Unnao and Bhandar Madhya Pradesh	Ms. Ruchi Sahu Purva Shikhar Janseva Shiksha Prasar Samiti H/o Gyan Singh Yadav (SDO), 110, Bundela Colony, Datia-475661	11.80	Completed
113.	Innovation, Technology Development And Deployment	2021-22	Initiative for Scientific literacy among the deprived tribes through food science innovation through S&T Communication	Mr. Rajesh Vishnoi Protsahan Education Society Harda L.I.G B-26, Near Nehru Park, Harda- 461221	16.00	Being implemented as per approved guidelines

114.	Innovation, Technology Development And Deployment	2021-22	Scientific outreach activities for tribal children in Harda and Timarni block of district Harda, Madhya Pradesh	Dr. Rajeev Jain New Ahinsa Niketan Shaikshnik Evam Samajik Kalyan Samiti S-2, Neeti Apartment, Panjabi Bagh, Bhopal- 462023	19.45	Being implemented as per approved guidelines
115.	Innovation, Technology Development And Deployment	2021-22	Occupational Risk Communication for Agri workers in Tribal Area of Shahpur Block, Betul District	Mr. Ram Kishor Sunrise Rural Development Society Plot 35 Gram Kundi, the Shahpur, Betul- 460440	14.45	Being implemented as per approved guidelines
116.	Innovation, Technology Development And Deployment	2021-22	Industrial tour on Science and Technology in Panna, Madhya Pradesh	Mrs. Nisha Chadda Jai Maa Abarmata Shiksha Evam Jankalyan Sewa Samiti H.No.-14, Gali No-2, Krishna Colony Deri Road Chhatarpur	18.70	Completed
117.	Innovation, Technology Development And Deployment	2021-22	Industrial tour on Science and Technology in Chattarpur, BadaMalhera, Bijawar and Nowgong block District Chattarpur, Madhya Pradesh	Shri Sanjeev Ahirwar Akarshan Uthan Samiti Luckey Tyres DoolMarg, Bus Stand Chattarpur	15.70	Completed
118.	Innovation, Technology Development And Deployment	2021-22	Industrial Tour on "The Fundamental Role of Science and Technology in Industrial Development in Morena, Gwalior, Agra and Jhansi	Shri Nirbhay Singh JC Bose Science and Research foundation L-201, Yamunotri Apartment, 96 Nehru Colony, Thatipur- 474006	19.50	Being implemented as per approved guidelines
119.	Innovation, Technology Development And Deployment	2020-21	Organization of WEDPTEDP,FDP	Dr. Sansmriti Mishra , Centre For Research and Industrial Staff Performance Bhopal	8.20	Completed
120.	Innovation, Technology Development And Deployment	2020-21	Organization of TEDP	Dr. Sanjay , I. P. S.Academy, Institute of Engineering and Science Indore	3.20	Completed
121.	Innovation, Technology Development And Deployment	2020-21	Organization of TE DP,WEDP,FDP	Prof. D D Agarwal ,Jiwaji University Gwalior	3.60	Completed
122.	Innovation, Technology Development And Deployment	2020-21	Organization of TEDP	Dr. Prabhakar Singh Bhadouria , Madhav Institute of Technology and Science,	3.20	Completed
123.	Innovation, Technology Development And Deployment	2020-21	Organization of TE DP,WEDP,FDP	Mr. Mohammed Atique Khan ,Mahakal Institute Of Technology, Ujjain-Ujjain	1.00	Completed
124.	Innovation, Technology Development And Deployment	2020-21	Organization of WE DP,TEDP,FDP	Dr. Manoj Arya , Maulana Azad National Institute of Technology Bhopal	10.80	Completed
125.	Innovation, Technology Development And Deployment	2020-21	Organization of WE DP,TEDP,FDP	A K Sharma , MPCON Limited Bhopal	10.80	Completed
126.	Innovation, Technology	2020-21	Organization of WE DP,TEDP-,FDP	Prof. Nishith Dubey, National Institute of Technical	7.20	Completed

	Development And Deployment			Teachers' Training and Research Bhopal		
127.	National Mission on Interdisciplinary Cyber Physical Systems	2020-21	Establishment of Technology Innovation Hub namely IITI DRISHTI CPS FOUNDATION at Indian Institute of Technology Indore	Dr Bhupesh Kumar Lad, Associate Professor, Indian Institute of Technology Indore, Khandwa Rd, Simrol, Madhya Pradesh-453552	725.00	Being implemented as per approved guidelines

List of projects supported by DBT during the last three financial years

S. No.	Name of the scheme	Year of Sanction of the project	Project Title	PI Name & Address	Released amount (in Lakhs)	Status of the project
1.	Biotechnology Research & Development	2019-20	Accelerated development of kunitz trypsin inhibitor free soybean genotype with charcoal rot resistance through marker assisted selection	Dr. Vineet Kumar, Directorate of Soybean Research	11.88	Being implemented as per approved guidelines
2.	Biotechnology Research & Development	2019-20	AI-based approach to predict the drug biotransformation by human gut microbiome: A step towards personalized therapeutics	Dr. Vineet Kumar Sharma, Indian Institute of Science Education and Research (IISER), Bhopal	52.71	Being implemented as per approved guidelines
3.	Biotechnology Research & Development	2019-20	Plasmodium infected RBC classification into various Malarial stages using Microfluidics, Genomics and Machine Learning	Dr. Rati Sharma, Indian Institute of Science Education and Research (IISER), Bhopal	53.99	Being implemented as per approved guidelines
4.	Biotechnology Research & Development	2019-20	Scalable bioprocessing platform for the recombinant production of potent novel Antimicrobial peptides	Dr. Anindya Basu, Rajiv Gandhi Proudhyogiki Vishwavidyalaya (University of Technology of Madhya Pradesh), Bhopal	16.38	Completed
5.	Biotechnology Research & Development	2019-20	Expansion of Activities of Biotech-KISAN Hub in seven Aspirational Districts in Madhya Pradesh	Dr. Rajat Saxena, Manthan Gramin Evam Samaj Sewa Samiti	210.00	Being implemented as per approved guidelines
6.	Biotechnology Research & Development	2019-20	Understanding the regulatory mechanism of Parkin & development of synthetic nanobody	Dr. Atul Kumar, Indian Institute of Science Education and Research (IISER), Bhopal	26.32	Being implemented as per approved guidelines
7.	Biotechnology Research & Development	2019-20	Investigation and characterization of Human Cytomegalovirus mediated oncogenesis in Mizo Population, Mizoram, North-East India	Dr. Himanshu Kumar, Indian Institute of Science Education and Research (IISER), Bhopal	9.36	Completed
8.	Biotechnology Research & Development	2019-20	Pyramiding Genes for Resistance to Yellow Mosaic Disease and null Kunitz Trypsin Inhibitor in Two Most Popular Soybean Varieties through MAS	Dr. Anita Rani, Directorate of Soybean Research	23.94	Completed
9.	Biotechnology Research & Development	2019-20	Antibiotic-induced gut dysbiosis: Effects on stress-related brain and metabolic disorders, and relation with the brain neuropeptides	Dr. Rajkamal Srivastava, Indira Gandhi National Tribal University	24.72	Being implemented as per approved guidelines
10.	Biotechnology Research & Development	2019-20	Evaluate the potential of E3 ubiquitin ligase-mediated regulation	Dr. Prashant Khare, All India Institute of	24.72	Being implemented as per

			of interleukin 17 in controlling cervical cancer	Medical Sciences Bhopal		approved guidelines
11.	Biotechnology Research & Development	2020-21	Establishment of Biotech-KISAN Hub at Vikas Bharti, Bishnupur, Gumla, Jharkhand for four Aspirational Districts of Jharkhand (Latehar, Simdega, West Singhbhum and Garwa)	Dr. Rajat Saxena, Manthan Gramin Evam Samaj SewaSamiti	159.73	Being implemented as per approved guidelines
12.	Biotechnology Research & Development	2020-21	To investigate the mechanisms of ligand-independent Wnt signaling by Frizzled receptors in the developing Drosophila epithelium	Dr. Varun Chaudhary, Indian Institute of Science Education and Research (IISER), Bhopal	9.50	Being implemented as per approved guidelines
13.	Biotechnology Research & Development	2020-21	Development of disinfection systems for the prevention and spread of CoVID-19 through indoor air	Prof. Ganti Suryanarayana Murthy, Indian Institute of Technology, Indore	20.76	Completed
14.	Biotechnology Research & Development	2020-21	M.Sc. in Agricultural Biotechnology	Dr. Parimal Kar, Indian Institute of Technology, Indore	34.45	Being implemented as per approved guidelines
15.	Biotechnology Research & Development	2020-21	Development of polarized angular light scattering and microfluidics technology for bovine sperm sexing	Dr. Sharad Gupta, Indian Institute of Technology, Indore	40.00	Being implemented as per approved guidelines
16.	Biotechnology Research & Development	2021-22	Marker assisted introgression of seed weight, early maturity and photoperiod response genes in a multiple stress tolerant climate smart soybean variety JS 97-52 and KTI free variety NRC 127	Dr. Shivakumar M, ICAR-Indian Institute of Soybean Research	30.75	Being implemented as per approved guidelines
17.	Biotechnology Research & Development	2021-22	Understanding the functional specificity of cytosolic class I Hsp40s in plants.	Dr. Chandan Sahi, Indian Institute of Science Education and Research (IISER), Bhopal	34.43	Being implemented as per approved guidelines
18.	Biotechnology Research & Development	2021-22	Development of Novel Benzo fused Heterocycles to Improve the Treatment of Drug Resistant Tuberculosis	Dr. Avinash Sonawane, Indian Institute of Technology, Indore	15.82	Completed
19.	Biotechnology Research & Development	2021-22	DBT-BUILDER-IGNTU Interdisciplinary Life Science Programme for Advanced Research and Education	Prof. Bhumi Nath Tripathi, Indira Gandhi National Tribal University	301.62	Being implemented as per approved guidelines
20.	Biotechnology Research & Development	2021-22	Developing food-grade soybean using CRISPR/Cas9 mediated multiplex genome editing	Dr. Vineet Kumar, ICAR-Indian Institute of Soybean Research	10.77	Being implemented as per approved guidelines
21.	Biotechnology Research & Development	2021-22	Development of self-attenuating live virus vaccines against the Dengue virus utilizing cellular miRNAs	Dr. Himanshu Kumar, Indian Institute of Science Education and Research (IISER), Bhopal	21.01	Being implemented as per approved guidelines
22.	Industrial & Entrepreneurship Development	2020-21	DBT City/Regional clusters for Covid-19 Testing	Prof. Vinod K Singh, Indian Institute of Science Education and Research (IISER), Bhopal	10.00	Completed
