

**Extramural Funded Projects (Government) :**

S.No	Title	Name of the Principal Investigator	Name of the Funding agency	Year of Award	Funds provided (Rs.)
1	Evaluation of impact of coastal pollution on human health	Dr. Arunkumar R	NCCR	2022-23	10000000
2	Wearable self-powered intraocular pressure monitoring nanogenerators for sensitive detection of glaucoma	Dr. Weslen Vedakumari S	DST SERB	2022-23	3206813
3	Luminescent microneedle patches to promote angiogenesis and remodel perifollicular microenvironment for alopecia treatment	Dr. Weslen Vedakumari S	DST SERB	2022-23	2332297
4	Wastewater remediation using nanotechnology	Dr. Koyeli Girigoswami	Unnat Bharat Abhiyan	2021-22	100000
5	Identifying gaps and formulating strategies to strengthen the digital technologies that support tuberculosis services under NTEP	Dr. Raja D	ICMR	2021-22	468612
6	Task force study for evaluation of community level acceptability scalability and linkage within health system of ICMR pre-validated lablike technologies for screening and diagnosis in rural and urban population - An implementation research	Dr. Vinoth Gnana Chellaiyan D	ICMR	2021-22	13120816
7	Evaluation of Immunogenicity, Efficacy and Safety of single dose of COVID-19 vaccines (Covishield, Covaxin and Sputnik V) in previously SARS-CoV-2 infected individuals - A Randomized controlled clinical trial	Dr. Abinaya E	ICMR	2021-22	12458982
8	Understanding COVID-19 pandemic through data and forecasting the future pandemic waves in India	Dr. Raja D	ICMR	2021-22	665380

9	Recombinant Probiotic-mediated targeted delivery of CRISPR/Cas13 for the treatment of SARS CoV-2 viral infection	Dr. Meenakshi S	DBT	2020-21	4102000
10	Nano fabric conditioner to impart antimicrobial property to Nomex of high performance fabrics	Dr. Hikku G S	LSRB, DRDO	2020-21	3024406
11	Development and Application of Multiscale Modeling for Complex Biological Systems and Drug Design	Dr. Pandian S	DST-SERB	2019-20	2101000
12	To map metabolite profile of patients with chronic prostatitis, prostate cancer (PCa) and normal volunteers (control):	Dr. Jagannathan N R	DST-SERB	2020-21	3660000
13	J C Bose Fellowship	Dr. Jagannathan N R	DST-SERB	2019-20	1674316
14	A Clinically Applicable Predictive score in lumbar Disc Disease in Formulating a surgical Plan	Dr. Subramanian M H	AOSpine	2019-20	177350
15	An approach towards investigating the interplay between microRNA 122 and AEG-1 protein in colon cancer progression	Dr. Surajit Pathak	DST-SERB	2018-19	3066884
16	Role of human umbilical cord mesenchymal stem cells (UC-MSCs) and UC-MSC derived conditioned medium in regulation of colon cancer progression: An approach towards elucidating function of paracrine factors and epigenetic regulators	Dr. Antara Banerjee	DST-SERB	2017-18	3352800
17	Synergistic effect of nano-formulated kaempferol and combretastatin on anti-angiogenesis: in vitro and in ova approach.	Dr. Gowthamkumar S	DST-SERB	2018-19	4626000
18	Antiviral activity of O-sulfated low molecular weight chitosan from industrial waste of cephalopods against herpes simplex virus in vitro	Dr. Saravanan R	DBT	2018-19	2755700
19	Chitosan/alginate matrix containing copper doped hardystonite from agricultural waste for Bone Tissue Engineering.	Dr. Moorthi A	CSIR	2018-19	900000

20	Role of TAZ protein as a stemness factor in human umbilical cord derived mesenchymal stem cells and its potential role in wound healing in personalised medicinal system	Dr. Surajit Pathak	DST (Indo-Italy)	2017-18	1080000
21	Formulation of nanoparticle-based probe for multimodal imaging and therapy	Dr. Agnishwar Girigoswami	CSIR	2016-17	600000
22	Role of Phytomarine compound in maintaining and improving the properties of mesenchymal stem cells	Dr. Surajit Pathak	ReGenera Research Group, Milano, Italy	2016-17	252660