List of the Projects sanctioned and rece

	1	List of the Projects sunctioned and rece
Sr.No.	Name of the Funding Agency	Project Title
1	CSIR	Host mediated silencing of cellulose synthase genes of phytopathora infestans for late blight resistance in Indian potato cultivars.
2	CSIR	Smart Irrigation and fertilization system for precision agriculture using internet of things and cloud infrastructure.
3	SERB	Modelling & simulation of three dimensional magnetohydrodynamic nanofluid flows over a stretching surface.
4	SERB	Synthesis and characerization of novel 2D metal carbides(Mxenes) for energy conversion and storage applications.
5	CSIR	Study of wave propogation phenomina in the context of size dependent elastic stories.
6	SERB	Understanding traffic dynamics via lattice hydrodynamic approach: modeling, analysis & simulation.
7	CSIR	Development of exchange coupled hard/ soft ferrite nanocomposites for tunable microwave application.
8	DRDO	Development of non-lead based magnetoelectric nanocomposites films with high magnetoelectric coupling.
9	DBT	Biocalcification process of photoauto trophic bacteria in concrete environment
10	YFRF-DIC	Young Faculty Research Fellowship award by Digital India Corporation under Visvesvaraya Phd programme of MeitY-SKS
11	YFRF-DIC	Young Faculty Research Fellowship award by Digital India Corporation under Visvesvaraya Phd programme of MeitY.SJ
12	YFRF-DIC	Young Faculty Research Fellowship award by Digital India Corporation under Visvesvaraya Phd programme of MeitY.
13	DST-CERI	Demonstration of grid supportive EV charger and charging infrastructure at LT level (D-EVCI)

14	SERB	Compression and representation of biological shape and signals using diffusion wavelet.
15	DST-CERI	Research and Development of smart, secure,scalable,resilient and adaptive cyber-physical power systmem(S3RA-CPPS)
16	DST-CHORD DIV	A strategic model for enhancing entre pre neurial skill development:An empirical study of technical business incubators in India.
17	Industrial Project Kaizad Enggineer, Vadodara	Ushta Infinity Construction Co.Pvt Ltd.
18	CSIR	Utilization of sea beach minerals for development of high performance aluminium matrix composites.
19	DST BBSB	Study and development of SEMG based exoskeleton knee"
20	DHI-GOI	Development of vehicle to grid enabled charging station networks and technologies.
21	DRDO CARS	Development of Graphene-polypyrole based nanocomposites for electromagnetic shielding application of microwave devices in X-band
22	DST-WOS	Bioactive properties of glassos/ glass-ceramics synthesized from agricultural and food wastes.
23	DST-FIST	DST- FIST Program(50:50) basis (54Lakhs)
24	SERB	Fracture anaysis of CNT Reinforced composites using extended isogemetric analysis (XIGA) for structural
25	SERB	Transition metal catalyzed C-H functionalization for anticancer drug candidates.
26	AERB	Performance evaluation of generic compunds with effective functional group as corrosion inhibitors for RC structures.
27	CSIR	A Fluorometric bimodal nanosensor based on carbon DST-MnO2 Nanocomposites for detection and infra cellular imaging of glutathione.

28	DST-RFBR	An adaptive security system for optimum inter-domain
		virtual machines(vm) migration management in
		dynamic cloud environment.
29	UGC DAE	
		Synthesis and characerization of molybdenum carbide
		nanoparticles for electrochemical applications
30	SERB	Fusion-fission dynamics in low energy heavy ion
		reactions(TFD from AKAL UNIVERSITY,
		BATHINDA)
		Grand Total
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ived in the year 201	8-19		
Sanctioned Amount (In Lacs)	Deptt.	Principal Investigator	
24.46	DBT	ANIL KUMAR	
20.96	CSED	SANMEET KAUR	
17.47	SOM	RAJ NANDKEOLYAR	
40.66	SPMS	O.P.PANDEY & KULVIR SINGH	
16.61	SOM	SATISH K SHARMA	
6.60	SOM	SAPNA SHARMA	
19.96	SPMS	PUNEET SHARMA	
35.32	SPMS	PUNEET SHARMA	
15.60	DBT	M.S.REDDY	
37.00	EIED	SUNIL KUMAR SINGLA	
37.00	CSED	PARTEEK KUMAR BHATIA	
37.00	SPMS	SOUMENDU JANA	
30.93	EIED	MUKESH SINGH	

6.60	SOM	KAVITA SINGLA	
28.40	CSED	NEERAJ KUMAR	
18.34	SOHSS	RAVI KIRAN/ S BOSS	
18.54	301133	NAVI KINANY 3 DOSS	
5.00	CIVIL	DANIE ROY AB	
17.46	SPMS	O.P.PANDEY	
415.37			
5.96	EIED	RAVINDER AGARWAL	
402.00	5150	A 41 WEST CINICU	
102.00	EIED	MUKESH SINGH	
8.95	SPMS	D.P.SINGH	
24.36	SPMS	SHIVANI PUNJ	
27.00	SOM	HEAD SOM(DEPTMNTL)	
		, ,	
20.23	MED	GANGAN BHARDWAJ	
49.56	SCBC	KAMALDEEP PAUL	
34.79	CIVIL	SHWETA GOYAL	
3 1.7 3		3.772.77.0077.12	
	22-5	00111451151611	
9.54	SCBC	SOUMEN BASU	
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11.80	CSED	MANINDER SINGH DR.	
2.26	SPMS	O.P.PANDEY	
	SPMS	RAJ KUMAR	
10.09			
721.91			
72.32			

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List of the Projects sanctioned and re

Sr.No.	Name of the	Project Title
	Funding	
	Agency	
1	DRDO-ARDB	Investigation of micrwave absorbing behaviour of pollpyrrole
2	DST-SEED	Development of a tool in aid for patients suffering from amyotrophic lateral sclerosis using the developed low-cost eye tracker.
3	ICMR	3D Brain MRI data processing using Deep Learning.
4	CSIR	Magnetic core supported heterogeneous catalysts for the glycerol carbonate sythesis.
5	DAE-BRNS	Effect of nuclear density approximation and shellclosure inthedynamics of heavy-ioninduced reactions.
6	DST-SEED- TIDE	Development of CAMeye for visiually challanged
7	CSIR	DFOG20: Design and Development of an efficient defogging framwork for road safety.
8	SERB	Iterative Algorithms and stability of functional equations in quasi-banach spaces.
9	DST	Transition metals doped strontium zirconate and strontium manganite perovskite for solid oxide fuel cell applications
10	CSIR	Hybrid control strategy involving daylight harvesting for lighting applications in smart buildings.
11	INDSTL	A smart wearable device for coginitive Assesment
12	SERB	Construction of a reduced model for investigating dispersion of pollutants by atmospheric wave turbulence in the atmospheric boundary layer.
13	DST-FIST	FIST PROJECT-SPMS- 50:50 BASE (3.67Crore)/ 2
14	BIRAC	Optimization of the myoglobin enzyme production and development of biocatalytic eyclopropanation process for the synthesis of pharmacuticals procursors.

15	DST	Spectroscopic analysis of heavy hadrons observed at LHCb,
		BaBar, and CDF accelerators using effective theories
16	AICTE RPS	Accelerated carbonation curing of concrete: An effective way of carbon dioxide sequestration, carbon footprint reduction and water conservation.
17	UgcDAE	Fission and competing nuclear dynamics governed via compound and non compunded nuclear channels.
18	NBCCL 2	Development of Accelerated Carbonation Curing Procedure as an effective CO2 sequestaration and water conservation technique.
19	SERB	All optical cryptography using localization and dynamics of photon in semiconductor microresonators.
20	ICSSR	Factor influencing resillence in children: The mediating role of protective and compensatory factors in coping with adversilties
21	DRDO	Dynamic modeling and control design of augmentative lower extremity exoskeleton.
22	SERB	On Rogers-ramanujan-slater type identities and related topics in partition theory.
23	SERB	Probability that an automorphism of a finite group fixes an element of the group

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Deptt. SPMS CSED	Principal Investigator D.P.SINGH AJAY KUMAR DR JAINY SACHDEVA	
SPMS CSED	D.P.SINGH AJAY KUMAR DR	
CSED	AJAY KUMAR DR	
EIED	JAINY SACHDEVA	
SCBC	AMJAD ALI	
SPMS	RAJ KUMAR- RKR	
CSED	JHILIK BHATTACHARYA	
CSED	SUNILK SINGLA/ VIJAY KUMAR	
SOM	SUMIT CHANDOK	
SPMS	KULVIR SINGH	
EIED	MUKESH SINGH	
EIED	PARAG NIJHAWAN	
SOM	AMRIK SEN	
SPMS	HEAD SPMS	
SCBC	VIKAS TYAGI	
	SPMS CSED CSED SOM SPMS EIED SOM SPMS	SPMS RAJ KUMAR- RKR CSED JHILIK BHATTACHARYA CSED SUNILK SINGLA/ VIJAY KUMAR SOM SUMIT CHANDOK SPMS KULVIR SINGH EIED MUKESH SINGH EIED PARAG NIJHAWAN SOM AMRIK SEN SPMS HEAD SPMS

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25.49	SPMS	ALKA UPADHYAY	
5.49	CIVIL	SHWETA GOYAL	
2.26	SPMS	MANOJ K SHARMA	
2.20	37 7713	TVII II VOS IX SI II II II IVII I	
57.5	CIVIL	SHWETA GOYAL	
22.08	SPMS	SOUMENDU JANA	
8.40	SOHSS	SANTHA KUMARI	
16.01	MED	Ashish Singla	
10.01	IVIED	Ashish Singia	
6.6.	SOM	MEENAKSHI RANA	
6.60	SOM	DEEEPAK GUMBER	
785.26			

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List of the Projects sanctioned and received

Sr.No.	Name of the Funding Agency	Project Title
1	AICTE	Development of Nurse Assist Humanoid Robot for
		various tasks in a hospital.
2	DST-FIST	Automation and Robotics for 125Laksh on 50:50
		basis.[62.5 lakh DST and 62.5 lakh TIET share]
3	DST WOS-A	Design and development of phonocardiography based
		psychological stress classifier.
4	SERB	Matrix Project CONSIDERED IN 2019-20
5	SERB	Probability that an automorphism of a finite group
		fixes an element of the groupCONSIDERED IN 2019 20
6	DST-FIST	To strengthen the research facilities in the department
		on 50:50 basis.[46 lakh DST and 46 lakh TIET share]
7	DBT	COVID pandemic
		management based on real time detection of airborne
		viral load in hospitals"management based on real time
8	DBT	Lignocellulosic biomass utilization for lactic acid and bioethanol production.
9	DAE-NBHM	Some best approximation problems on abstract spaces.
10	SERB	Development of particle identification set-up for multi-
		nucleon transfer reactions
11	DASSAULT	DS FOUNDATION
	SYSTEMES	
	FOUNDATION	
12	RCED	W-AMS:Web based activity management
13	INDSTL	Intervention of Artificialdevices

14	DRDO	Process parameters optimization of pitch based carbon foam
15	SERB	Topological states in the iron based superconductors
16	ICMR	Smartbreathlyzer- a Robust Diagnostic device forTuberculosis.
17	BEO	Language independent fillinginvester in punjab
18	DST-NSM	To develop an accelerating scheme for themodels
19	DST-DDP	Designing of AC and DC net meter for electric vehicles application.
20	SERB	Field scale biogenic treatmentstructures.

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ived in the year 202	20-21		
Sanctioned Amount (Deptt.	Principal	
In Lacs)		Investigator	
9.57	MED	DR TARUN BERA	
125.00	MED	HEAD MED	
17.03	EIED	AMANDEEP	
21.00		CHEEMA Ms.	
6.60	SOM	MEENAKSHI RANA	
6.60	SOM	DEEEPAK	
	2211	GUMBER	
92.00	SEE	HEAD SEE	
35.02	SOM	AMRIK SEN	
25.37	DBT	DINESH GOYAL	
16.15	SOM	SUMIT CHANDOK	
29.16	SPMS	SUNIL DEVI DR.	
15.75	MED	DEEPAK JAIN/ BIKRAM JIT	
10.08	CSED	RINKLE RANI DR.	
5.56	CED	TANUJ CHOPRA/ VINAY ARORA	

8.59	CHED	RAJEEV MEHTA DR.	
16.42	SPMS	DHEERAJ K SINGH	
42.44	CSED	MANINDER SINGH	
5.00	CSED	ASHIMA SING	
12.30	SPMS	DHEERAJ K SINGH	
55.31	EIED	MUKESH SINGH	
47.35	DBT	M.S.REDDY	
581.30			

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For 2018-19, 2019-20 & 2020-21

S.No.	Financial Year	Denartment	Amount received (Rs in lakhs)	Status (Ongoing/Completed)
2	2018-19	CED	43.43	Completed
3	2019-20	CED	57.28	Completed
4	2020-21	CED	80.54	Completed