

LIST OF ONGOING RESEARCH PROJECTS 30.09.2020

S.NO	Sponsor	Principal Investigator	Title	Funds Sanctioned	Duration
1.	SERB (DST)	Dr. M.M. Aggarwal & Dr. Lokesh Kumar	"A large ion Collider Experiment (ALICE) Upgrade, Operation and Utilization"	15,00,000.00	26.08.2016 30.09.2020
2.	SERB (DST)	Dr. B.R. Behera	"Fusion-Fission properties of Heavy and Super Heavy Nuclei"	29,70,000.00	31.01.2019 to 31.01.2022
3.	SERB (DST)	Dr. Samarjit Sihotra	"LaBr3: Ce Scintillation Detectors for Fast timing measurement"	55,00,000.00	26.09.2020 to 25.09.2020 extended upto 31.12.2020
4.	SERB (DST)	Dr. Rajesh Kumar	"Synthesis and Optimization of interface modification.	31,71,000.00	19.8.2018 to 18.8.2021
5.	SERB(DST)	Dr. Natasha Sharma	Ramanujan Fellowship	1,00,52,161.00	11.01.2016 to 10.01.2021
6.	SERB(DST)	Dr. Kanika	Inspire Faculty (for five year)	7,00,000/- per year research grant and 80,000/- per month fellowship/salary	28.03.2020 to 27.03.2024
7.	UGC	Dr. Sushil Chauhan	UGC Faculty	8,00,000/-	27.09.2017 to 07.12.2020
8.	IUAC (NSC)	Dr. Ashok Kumar	"High spin structure and lifetime measurements using recall distance Doppler shift method in mass region AN120 Nuclei"	272123/-	11.12.2018 to 10.12.2021
9.	CSIR	Dr. Samarjit Sihotra	"Nuclear structure close to Z-50 Shell closure Nuclei through Nuclear Fusion Evaporation reactions"	6,64,000/- per year	01.08.2018 to 31.07.2021
10.	SERB (DST)	Dr. J. B. Singh Dr. Manjit Kaur	"Compact Muon Solenoid (CMS) Upgrade, Operation and Utilization".	7,96,00,000.00	31.07.2014 to 30.09.2020
11.	SERB (DST)	Dr. Vipin Bhatnagar	"Indian Institutions Fermilab Collaboration in neutrino Physics"	1,89,00,000.00	26.03.2019 to 31.03.2024
12.	DST	Chairperson	DST-FIST Programme	330 Lacs	December-2016 for five years
13.	UGC-DAE	Dr. B.R. Behera	"Examination of weak transfer channel in the fusion Barriers distribution studies".	1,35,000.00 + Fellowship Grant (Actual)	01-06-2019to 31.05.2022

14.	IUAC (NSC)	Dr. B.R. Behera	"Study of transfer induced fission with NANO facility".	75,000.00 + Fellowship Grant (Actual)	Yet to Starts
15.	NSC	Dr. B.R. Behera	"Search for anomalous particle spectra in heavy ion induced fusion reaction".	75,000.00 + Fellowship Grant (Actual)	05.03.2019 to 04.03.2022
16.	SERB-DST	Dr. Shivani Dhall (DAV College Jalandhar) under the mentorship of Dr. S.K. Tripathi	"Teachers Association for Research Excellence (TARE)	9,15,000.00	06.12.2019 to 05.12.2022
17.	NASI	Dr. K.N. Pathak	Senior Scientist Research Fellowship Scheme	Scientist Fellowship = 3,60,000/- p.a. 1,00,000/- Contingency p.a. RAII= 38,000/- + 20% (HRA) = 5,47,200/- p.a.	01.01.2016 to 31.12.2020 Dr.Rajesh Kumar O. Sharma – (RAII)
18.	IUAC (NSC)	Dr. B.R. Behera	"Study of transfer induced fission with NANO facility".	75,000.00 + Fellowship Grant (Actual)	Yet to Starts