

Running Projects at SMVDU

S.No.	NAME OF THE PROJECT	SCHOOL	NAME OF THE PRINCIPAL INVESTIGATOR/ CO INVESTIGATOR	NAME OF THE FUNDING AGENCY	FUNDS PROVIDED (Rs.)	YEAR OF AWARD	DURATION OF THE PROJECT	UNIQUE NO. ALLOTTED
1	Bioinformatics Infrastructural Facilities	SoBT	Prof. V. Verma	Department of Biotechnology (DBT), GoI	9711000	2007	13 years	PR-15
2	Exploring potentials of probiotic bacteria as a potential source of phytate degrading enzymes and bacteriocins production	SoBT	Dr. Preeti Sharma, AP Mr. Parvez Singh Slathia, AP	DBT	3708780	2014	3 Years	PR-72
3	Genetic diversity and evolutionary perspectives in population groups of Jammu & Kashmir	SoBT	Dr. Swarkar Sharma, AP Dr. Ekta Rai, AP	National Geographic Society	3159450	2014	3 Years	PR-75
4	Targeting synthetic lethality interaction among genome stability and protein degradation pathways mediated by sfc-e3 ligase component f-box proteins for personalized drug development	SoBT	Dr. Narendra Kumar Bairwa, AP	DBT	8200000	2013	3 Years	PR-76
5	Genetic perspectives of type 2 diabetes susceptibility in population group of Jammu & Kashmir, India	SoBT	Dr. Swarkar Sharma, AP	SERB, DST	2726000	2015	3 years	PR-80
6	Identification of unique and novel alleles of thermo stable and cold active lipases and cellulases from microflora of J&K state using metagenomic approach against J&K special call	SoBT	Prof. V.Verma	DBT	4956000.16	2015	3 years	PR-81
7	Synthesis and study of electronic structure of transition metal doped and undoped EU ₂ O ₃ thin films	SoP	Dr. Ram Prakash, AP	UGC-DAE CSR	546058	2015	3 years	PR-82
8	Bioactive molecules from endophytic microorganisms	SoBT	Prof. V.Verma Dr. Shafaq Rasool, AP	UGC	1390000	2015	3 years	RP-84
9	Biological-activity-predictions, x-ray structure analysis and molecular interactions in some organic compounds of medicinal importance	SoP	Dr. Kamini, AP	UGC	603000	2015	3 years	RP-88
10	Physics of earthquakes and delineation of Himalayan thrust faults in Jammu & Kashmir	SoP	Dr. S.K.Wanchoo, AP	UGC	1370000	2015	3 years	RP-90
11	Genetic perspective of DNA damage in breast cancer	SoBT	Dr. Rakesh Kumar	DST	2454000	2015	3 years	RP-91
12	Genetics of gastric carcinoma in ethnic population of Kashmir	SoBT	Ms. Ruchi Shah, Ph.D. Student	DST	2145000	2016	3 years	RP-92
13	World Bank Assisted TEQIP-III Institutional Project of MHRD	SoEM, SoME, SoCSE, SoECE	Dr. Sumeet Gupta Dr. Rakesh Kumar Jha Dr. Balbir Singh	TEQIP, GOVERNMENT	100000000	2017	3 years	-
14	Molecular characterization of non-small cell lung carcinoma in patients from Jammu and Kashmir	SoBT	Dr. Rakesh Kumar	DST	9001892	2017	3 years	RP-93
15	Development of solar thermal-photovoltaic hybrid system with pcm's storage unit for heating & cooling application in buildings	SoBT	Dr. Vineet Veer Tyagi	UGC	600000	2017	2 years	RP-95
16	Estimation of deformation and strain rate in Jammu & Kashmir and Himachal Pradesh Himalaya using Navic Geodesy	SoBT	Dr. S.K.Wanchoo, AP	ISRO	3680000	2017	3 years	RP-96
17	Efficiency Analysis of Hill Agriculture: A Micro Level Study of Jammu and Kashmir	SoBT	Dr. Kakali Majumdar	ICSSR	700000	2017	2 years	RP-97
18	Completely prime ideals of skew polynomial Rings	SoM	Dr. V.K. Bhat	SERB	443200	2017	3 years	RP-98
19	Engineering of the Insulin-producing probiotic yeast <i>Saccharomyces boulardii</i> and exploration of its applications as therapeutics for diabetes	SoBT	Dr. Narendra K Bairwa, AP	SERB	4756000	2018	4 years	RP-99
20	Active radar absorbers based on frequency selective surfaces: Active stealth technology	SoECE	Dr. Kumud Ranjan Jha, Associate Professor, SoECE, PI Prof. Ghanshyam Singh, JUIT, Solan, H.P., Co-PI	Defence Research and Development Organization (DRDO).	2287000	2018	2 years	RP-100
21	Availability, utilization and digital document of non-timber bio resources for sustainable rural livelihood and decision support system for the rural households in the Northwest Himalayas	SoECE	Mr. Shashi Bushan Kotwal (AP, SoECE), Mr. Ashish Suri (AP, SoECE) and Mr. Swastik Gupta (AP, SoECE)	National Mission on Himalayan Studies (NMHS), GBPNIHESD.	317548	2018	3 years	RP-101
22	Bharti Arian Chair, SMVD University	SMVDU	-	Airtel	50000000	2018	-	-

23	A study on Orlicz sequence spaces and their operators	SoM	Dr. Kuldeep Raj, Assistant Professor	Council of Scientific and Industrial Research (CSIR).	632000	2018	36 months	RP-102
24	Research Start-up-Grant for the year 2018-19 under revenue, titled "Automatic monitoring of plants based on leaf segmentation"	SoCSE	Dr. Abhishek Gupta, AP	UGC-BSR	1000000	2018	2 years	RP-103
25	National Post-Doctoral Fellowship (NPDF)	SoBT	Dr. Ankit Mahajan Dr. Swarkar Sharma, AP, SoBT (mentor)	SERB-DST, GOI	1920000	2018	2 Years	RP-104
26	A comprehensive study of Culture, Philosophy, Literature and Language	SoLL	Dr. Amitabh V Dwivedi , AP, SOLL	ICSSR	0	2018	18 months	RP-105
27	Centre for Advance Research (CAR) entitled 'To restraint or regulate the reproductive health issues of human from J&K'	SoBT	Dr. Rakesh Kumar, SoBT,PI and Dr. Swarkar Sharma, Co-PI	Indian Council of Medical Research (ICMR).	91000000	2018	5 years	RP-106
28	India's Financial inclusion: Determinants and Impediments" under Impactful Policy Research in Social Science (IMPRESS) of ICSSR.	SoE	Dr. Arif Billah Dar, AP	ICSSR	270000	2019	1 Year	RP-107
29	Royal Society International Collaboration Award' entitled "Increasing resilience to Earthquakes in North India" awarded by the Royal Society, London	SoP	Dr. Sunil Kr. Wanchoo	Royal Society, London	0	2019	3 years	RP-108
30	An Empirical Study of Bank Credit Risk Management Using Big Data Analytics" under domain Growth, Macro Trade and Economic Policy	SoB & SoECE	Dr. Ashutosh Vashistha Dr. Amit Kant Pandit	ICSSR	1500000	2019	2 Years	RP-109
31	Heavy, Toxic , and Trace Metal Detection in Biological Samples gallstones and Kidney stones using EDXRF and PIXE Spectroscopic Techniques	SoP	Dr. Viviek Singh, AP	UGC-DAE CSR	Rs.30,000/- for consumable (one year) + Rs.15,000/- for contingency (one year) + fellowship for one research scholar (one year)	2019	3 years	RP-110
32	Smart farming for precession agriculture in Jammu and Kashmir using IoT	SoCSE (TEQIP faculty)	Ms. Monia, SMVDU Dr. Chinmoy Kundu, IIT, Jammu Ms. Pooja Sharma, SMVDU	NPIU, TEQIP-III	1286000	2019	1 year	RP-111
33	Design of an ADC with a sampling frequency of hundreds of mega samples per second for 5G Technology	SoECE (TEQIP faculty)	Mr. Akshay Mann, SMVDU Dr. K.R. Jha & Dr. Sumeet Gupta, SMVDU Dr. K. Anitha Sheela, JNTU College of Engineering, Hyderabad	NPIU, TEQIP-III	552000	2019	1 year	RP-112
34	Development and Tribiological characterization of Self-Lubricating Aluminum Alloy (AA6061)/ Nano-Cr ceramic Composite" sanctioned by NPIU	SoME	Mr. Mir Irfan Ul Haq, AP, SoME (Co-PI)	NPIU, TEQIP-III	0	2019	1 Year	RP-113
35	"Tailoring of Thermoelectric Properties of PbS Quantum Dot Based Thin Films for High Temperature Applications" sanctioned by DST-SERB under Teachers Associate ship For Research Excellence (TARE) scheme.	SoECE	Dr. Purnima Hazra	SoECE	1830000	2019	3 years	RP-114