

D.A-V. COLLEGE, KANPUR

RESEARCH & DEVELOPMENT CELL

Sanctioned grant (last five years) under Research And Development Scheme for Research work to teachers of Government/Non-Government/Aided Colleges of States of Uttar Pradesh.

S. No.	Name	Department	Topic	Amount (In Rs.)
1	Dr Surendra Pratap Singh	Botany	Genome-wide analysis of AuTophagy-related Genes (ATG) in <i>Gossypium hirsutum</i> (L.), and study of the role of autophagy in cotton fiber development. (SRG/2019/001940)	2882722/-
2	Dr Surendra Pratap Singh	Botany	Exploring the mechanism behind Arabidopsis BECLIN1-mediated male-sterility in transgenic tobacco and cotton (TAR/2019/000304)	1500000/-
3	Prof. Rajul Saxena	Chemistry	Physico-chemical studies wastewater and distillery effluents	300000/-
4	Prof. Devendra Pratap Rao	Chemistry	New insights into the chemistry of dioxomolybdenum(vi) complexes with macrocyclic ligands	300000/-
5	Dr Surendra Pratap Singh	Botany	Genome-wide analysis of Senescence Associated Genes (SAGs) in cotton and their role in Development & Stress responses [CSJMU/R&D/CVR/19/2022]	100000/-
6	Dr Surendra Pratap Singh	Botany	Genome-wide identification and expression analysis of fiber-related gene-families in cotton and related bioinformatics and molecular biology techniques [AV/VRI/2022/0026]	150000/-
7	Dr Surendra Pratap Singh (PI), Dr Jitendra Mohan (Co-PI)	Botany	Genome-wide identification and characterization of Ferric reductase oxidases (FROs) gene family in <i>Gossypium</i> species and their role in cotton fiber development and stress responses [24/2023/681/सत्तर-4-2023-002-4(59)/2022]	193600/-
8	Dr Amit Prakash Raghuvanshi	Botany	In silico genomic analysis of stress-tolerant plants of <i>Prosopis</i> species that facilitate phytoremediation	30,000/-
9	Dr. Abhya Raj Singh	Defence & Strategic Studies	भारत-नेपाल खुली सीमा की सुरक्षा व्यवस्था: लखीमपुर खीरी (उत्तर प्रदेश) के विशेष संदर्भ में	498200/-