



# COUNCIL OF SCIENCE AND TECHNOLOGY, U.P.

(Dept. of Science & Technology, Govt. of U. P.)

Vigyan Bhawan, 9- Nabiullah Road, Surajkund Park, Lucknow - 226018

## Call for Research Proposals

Council of Science & Technology, U.P. financially supports research schemes in various fields of basic & applied sciences and engineering & technology for the advancement of Science & Technology in the state of Uttar Pradesh. Council invites R&D proposals from Scientists/faculty members working in Universities/Colleges/ Engineering Colleges/ R&D institutions/ Medical Colleges and other scientific institutions situated in Uttar Pradesh as per need of the State. R&D proposals will be received online on our web-portal [www.cst.up.gov.in](http://www.cst.up.gov.in) till 25.04.2023.

### Thrust Areas:

Sr. No.	SCHEME	RESEARCH AREAS
1.	Agriculture and Allied Sectors	Disease resistant varieties of major crops of UP, Genetically modified foods and their safety evaluation, organic farming, horticulture, veterinary, pulse production, IPM, seed technology and other related fields.
2.	Biotechnology	Bioinformatics, Bio-Engineering, Vaccine & New Drug Development, Stem Cell, Biotechnology in the field of Agriculture, Environment, Forest, Animal & Livestock, Aquaculture & Fisheries and Nano-Biotechnology etc.
3.	Chemical Sciences	Inorganic, Organic, Physical, Combinational, Industrial, Synthetic and Bio Chemistry etc.
4.	Environmental Sciences	Safe Drinking Water and Sanitation, Pollution abatement, Phytoremediation, Natural Resource Management, Green Energy, Waste Management and Effluent Treatment etc.
5.	Engineering, Construction & Technology	All branch of engineering and technology, nonconventional energy, mechatronics, alternatives of single use plastic, green technology and automation etc.
6.	Information Technology	Artificial Intelligence, Machine Learning, IoT, Cyber Security, Robotics, Block Chain and Metaverse etc.
7.	Medical Sciences	Life style diseases, occupational & other diseases prevalent in the state, AYUSH/ indigenous and traditional health practices, diagnostic tools, genomics, proteomics and micronutrient deficiency etc.
8.	Pharmaceutical Sciences	Drug discovery and development, active pharmaceutical ingredients, medicinal chemistry, bio-molecules and nano-biomedicine etc.
9.	Physical Sciences	Physics, Astronomy, Mathematics, Statistics and Nanotechnology etc.

### Scope of support:

- Support is provided for research personnel, consumables, contingencies, travel, minor equipment and for fabrication of prototype.
- Investigators need to submit only one proposal at a time.
- Proposal must be specific with end objective, deliverables and time target.
- Schemes are generally sanctioned for the period of 2-3 years.
- Detailed R&D guidelines are available on our web portal.
- Proposal is to be submitted online through our web portal : [www.cst.up.gov.in](http://www.cst.up.gov.in)

-: For further details contact :-

Web-portal : [www.cst.up.gov.in](http://www.cst.up.gov.in), E-mail- [cstup1975@gmail.com](mailto:cstup1975@gmail.com)

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