



छत्रपति शाहू जी महाराज विश्वविद्यालय, कानपुर  
CHHATRAPATI SHAHU JI MAHARAJ UNIVERSITY, KANPUR

कल्यानपुर, कानपुर-208024  
Kalyanpur, Kanpur-208024


संदर्भ – सी.एस.जे.एम.यू./आई0क्यू0ए0सी0/175

दिनांक : 01.06.2022

**Office Order**

As per the instructions of UP Government for "Research and Development" University call the proposals from University/Colleges teachers as CSJMU minor Research Grant. The proposals received in the financial year 2021-22 under the "CSJMU Minor Research Grant" scheme is examined by the subject expert and then after due consideration of the recommendations of the expert committee teachers (Annexure-01) are given grant/financial approval for research work subject to the following conditions;

1. The sanctioned amount was spent as per the guidelines on chemical/glassware/consumables etc. /travel expenses, field work and data collection etc.
2. The research work will be reviewed on the prescribed time limit and the progress report will be made available to the university.
3. A part from research work, no appointment will be made in any case and no training courses will be conducted.
4. The item wise utilization certificate and progress report of the sanctioned amount will be made available to the University in a compiled form by the end of the month of the financial year.
5. Approved grant for research, in whatever book / publications will be done after research works must be mentioned.
6. University financial rules will be followed for material purchase.
7. The grant will be used only on approved items.
8. Diversion of the said amount will not be permissible under any circumstances.
9. The said financial grant will be issued only for one year from the date of grant and adjustment of grant will be done only after the utilization certificate.

  
Co-ordinator  
IQAC

Copy to:

1. PS to Vice-chancellor
2. PA to Registrar
3. PA to Finance officer
4. Regional Higher Education Officer, Kanpur
5. All Deans/Director/Head of Department/Coordinator/Principal
6. Teachers received Grant/Financial Assistance
7. Related Files

Co-ordinator  
Internal Quality Assurance Cell  
CSJM University, Kanpur

  
Co-ordinator  
IQAC

**Year 2021-22**

| S.No. | Name of the Scheme/Project/ Endowments/ Chairs  | Name of the Principal Investigator/ Co Investigator (if applicable) | Name of the Funding agency | Department   | Funds provided (INR in lakhs) |
|-------|---|---|----------------------------|--|-------------------------------|
| 1     | A Study of Absenteeism in Post Graduate students with reference to Classroom Climate and Academic Achievement                           | Dr Kalpana Agnihotri  | U.P Govt.                  | Advanced Educational Research and Teaching of educational foundation | 0.5                           |
| 2     | Yoga, Naturopathy, Physical Exercise And Health Literacy Programme In Prevention And Treatment Of Addictive Diseases                    | Dr. Rajesh Pratap Singh   | U.P Govt.                  | Lifelong Learning & Extension  | 0.5                           |
| 3     | Targeting Oxidative stress in disorder through Controlled Delivery of Superoxide Dismutase(SOD)   | D Meenakshi Gupta   | U.P Govt.                  | Physics  | 0.5                           |
| 4     | TO EXPLORE THE ULCERPROTECTIVE POTENTIAL OF INDIGENOUS MEDICINAL PLANT IN ETHANOLINDUCED GASTRIC LESIONS IN RATS                        | Dr. P.C. Gupta  | U.P Govt.                  | Chemistry  | 0.5                           |
| 5     | Effect of comprehensive rehabilitation on fatigue, functional capacity and quality of life in long term sequelae of COVID- 19 survivors | Dr Digvijay Sharma  | U.P Govt.                  | Life Science and Biotechnology                                       | 0.5                           |
| 6     | TO STUDY THE LEVEL OF DEPRESSION OF THE INDIVIDUALS IN REFERENCE TO SPIRITUAL ATTITUDE IN THE PANDEMIC SCENARIO                         | Dr Vandana Dwivedi  | U.P Govt.                  | Life Science and Biotechnology                                       | 0.5                           |
| 7     | A STUDY OF DOMESTIC VIOLENCE AGAINST ADULT AND ADOLESCENT FEMALES IN KANPUR CITY  | Dr Shipra Srivastava  | U.P Govt.                  | Life Science and Biotechnology                                       | 0.5                           |
| 8     | राष्ट्रभाषा सिन्दी और पण्डित दीन दयाल उपाध्याय का भाषा सिन्तन   | Dr Ramakant Rai   | U.P Govt.                  | Life Science and Biotechnology                                       | 0.5                           |
| 9     | Physiological Effect of Nitrate and Chromium in ground water in Kanpur Region   | Dr Archana Dixit  | U.P Govt.                  | Life Science and Biotechnology                                       | 0.5                           |

|    |   |                              |           |                                |      |
|----|---|------------------------------|-----------|--------------------------------|------|
| 10 | Molecular modeling and docking of some drug molecules using QSAR three dimensional approach   | Dr Reenu Kumari              | U.P Govt. | Life Science and Biotechnology | 0.5  |
| 11 | Synthesis and Characterization of Magnetic Activated Carbon Prepared from Impregnation of Magnetite Nanoparticles for the Development of Cost Effective Method to Remove Arsenic from Water and Waste Water | Dr Om Kumari                 | U.P Govt. | Life Science and Biotechnology | 0.5  |
| 12 | The Role of Serum Tumour Markers for the Predication of Colorectal Cancer in Patients With Advanced Crc Adeno Carcinoma   | Dr Rajesh Kumar              | U.P Govt. | Life Science and Biotechnology | 0.5  |
| 13 | CONTACTLESS BODY TEMPERATURE SCREENING WITH IMAGE TRACKING IN COVID-19  | Dr Vishal Awasthi            | U.P Govt. | Pharmaceutical Sciences        | 0.5  |
| 14 | ENFORCING PRISONERS' RIGHTS IN DISTRICT JAIL KANPUR: LAWS, POLICIES AND PRACTICES   | Dr P. K. Pandey              | U.P Govt. | Chemical Engineering           | 0.5  |
| 15 | Effects of COVID19 Pandemic on the SocioEconomic Conditions of Migrants in Moradabad District of Uttar Pradesh  | Dr Sangeeta Sirohi           | U.P Govt. | Chemical Engineering           | 0.7  |
| 16 | Challenges of OnLine TeachingLearning: A Case Study of Secondary Schools of Kanpur City   | Dr Rashmi Gore               | U.P Govt. | Physical education             | 0.7  |
| 17 | Photo-catalyzed Transition Metal Free CC Cross Coupling Reaction  | Dr Dhananjay Dey             | U.P Govt. | Pharmaceutical Sciences        | 0.75 |
| 18 | Investigating the cotranscriptional association of mRNA export factors with Cterminal Domain of RNA polymerase II in Saccharomyces cerevisiae   | Dr Akhilendra Pratap Bharati | U.P Govt. | Pharmaceutical Sciences        | 0.75 |
| 19 | Nutritional Aspects As Influenced By Trace Element Application In Edible Mushroom A Sustainable Landless Crop For Indian Folklore   | Dr Monal Singh               | U.P Govt. | Pharmaceutical Sciences        | 0.75 |
| 20 | Studies of Lanthanide-doped UP and Down Conversion materials  | Dr Anita Rai                 | U.P Govt. | Health Sciences                | 0.75 |
| 21 | DESIGN AND SYNTHESIS OF 2- METHOXYESTRA DIOL ANALOGUES ON NON-STEROIDAL PHARMACOPHORE AS ANTICANCER AGENTS  | Dr Yashveer Gautam           | U.P Govt. | Lifelong Learning & Extension  | 0.75 |

|    |  |                       |           |  |      |
|----|--|-----------------------|-----------|--|------|
| 22 | Gender and Creativity: Insights into the process of creativity of Indian women writers using Life history Method                               | Dr Shilpa Kukreeja    | U.P Govt. | Lifelong Learning & Extension  | 1.00 |
| 23 | Developing Emerging Engineering Materials of non-crystalline Chalcogenides by using Thermal and Mechanical Characterization                    | Dr Shikha Shukla      | U.P Govt. | Lifelong Learning & Extension  | 1.00 |
| 24 | Impact of Tobacco Extract Exposure on Oral Cancer Cell in Generating Cancer Stem Cells (CSCs).   | Dr Rajeev Mishra      | U.P Govt. | Lifelong Learning & Extension  | 1.00 |
| 25 | Genetic assessment of protective genes against SARS-CoV-2 in Indian population.  | Dr Anuradha Kalani    | U.P Govt. | Advanced Educational Research and Teaching of educational foundation | 1.00 |
| 26 | Process development for lignocellulosic ethanol production through efficient saccharification and cofermentation                               | Dr Ajay K. Pandey     | U.P Govt. | Languages  | 1.00 |
| 27 | Identification and biological network analysis of the Cystathionine betasynthase (CBS) interactome in the glioma cell line                     | Dr Gaurav Kumar       | U.P Govt. | Life Science and Biotechnology                                       | 1.00 |
| 28 | Understanding the induction of rice defense responses by an attenuated mutant of <i>Xanthomonas oryzae</i> pv. <i>oryzae</i>                   | Dr Alok Pandey        | U.P Govt. | Life Science and Biotechnology                                       | 1.00 |
| 29 | Identification and spatio-temporal expression profiling of UDPtransferase involved in sennoside biosynthesis in <i>Senna alexandrina</i> Mill. | Dr Soni Gupta         | U.P Govt. | Chemistry  | 1.00 |
| 30 | Generation of high quality candidate immunogens from variants of concern (VOC) of SARS-CoV-2 for their translational use                       | Dr Chandresh Sharma   | U.P Govt. | Life Science and Biotechnology                                       | 1.00 |
| 31 | Synthesis, Characterization, AntiCancer Screening and Molecular Docking of Some Novel Indole Derivatives                                       | Dr Ajay Kumar         | U.P Govt. | Life Science and Biotechnology                                       | 1.00 |
| 32 | Impact of fabric care products and washing condition on microfiber release from consumer laundry   | Dr Abhishek K Chandra | U.P Govt. | Chemistry  | 1.00 |
| 33 | High Performance biogrease production from <i>Jatropha</i> oil   | Dr Arun K Gupta       | U.P Govt. | Life Science and Biotechnology                                       | 1.00 |



|    |   |                           |           |  |              |
|----|---|---------------------------|-----------|--|--------------|
| 34 | Formulation and Evaluation of Phlogacanthus thyrsiflorus nanosuspension for anti-lithiatic activity                             | Dr. Nisha Sharma          | U.P Govt. | Chemistry                                    | 1.00         |
| 35 | Impact of Psychological Intervention on Anxiety, Depression, and Insomnia Along with Biochemical Change (Cortisol)              | Dr Abha Singh             | U.P Govt. | Chemistry                                    | 1.00         |
| 36 | Study of parasitic infestation of Gangetic fishes in Kanpur district  | Dr Manju Bhaskar          | U.P Govt. | Life Science and Biotechnology               | 1.00         |
| 37 | Bioformulation of heavy metal resistant and plant growth promoting bacteria to enhance plant growth in metal contaminated soil. | Dr Manishi Tripathi       | U.P Govt. | Life Science and Biotechnology               | 1.00         |
| 38 | Assessment of the impact of environmental toxicants on liver function and their remedial management                             | Dr Siddharth Kumar Mishra | U.P Govt. | Chemistry                                    | 1.00         |
| 39 | Karyological study of some Gangatic fishes in Kanpur district   | Dr Vinod Kumar Verma      | U.P Govt. | Physics                                      | 1.00         |
| 40 | Genome-wide analysis of SenescenceAssociated Genes (SAGs) in cotton and their role in development & stress responses            | Dr Surendra Pratap Singh  | U.P Govt. | Electronics and Communication Engineering    | 1.00         |
| 41 | Effect of Cobalt as binder on Mechanical and Electrical Properties of Tungsten Carbide  | Dr Anju Dixit             | U.P Govt. | Material Science & Metallurgical Engineering | 1.00         |
| 42 | Formation and characterization of mixed ionic and electronic conducting oxides using sol-gel method                             | Dr Vijay Kasyap           | U.P Govt. | Information Technology                       | 1.00         |
| 43 | IoT Based Air Pollution/Quality Monitoring on Thingspeak  | Dr Rashi Agarwal          | U.P Govt. | Information Technology                       | 1.00         |
| 44 | Morphological and conductivity studies of fullerene and poly N-vinyl carbazole based Interpenetrating Polymer Network           | Dr. Meet Kamal            | U.P Govt. | Chemistry                                    | 1.00         |
|    |   |                           |           | <b>Total</b>                                 | <b>35.15</b> |

  
 Co-ordinator  
 Internal Quality Assurance Cell  
 CSJM University, Kanpur