

CV RAMAN MINOR RESEARCH PROJECT- PHASE I (FOR FACULTIES OF THE UNIVERSITY & AFFILIATED COLLEGES)

1. Only one proposal would be accepted from individual regular faculty members.
2. The project is worth 1 lakh for one year; budget can be reduced based on requirements to achieve project objectives.
3. Purchase of equipment's is not allowed however, if panel recommends the purchase within the permissible limit based on requirement, equipment may be recommended.
4. Manpower is not permissible in the minor project.
5. Weightage would be given to proposals of national/social interest, and previous publications in top journals.
6. If more proposals are recommended, final marks would be used to decide the merit for recommendations.
7. Marks awarded for

OBJECTIVES WITH SOCIAL RELEVANCE (10 MARKS)	NOVELITY OF THE PROPOSAL (10 marks)	METHODOLOGY (10 MARKS)	TOTAL MARKS	<15 Reject	15-20 50000/-	≥20-24 75000/-	≥25 1L
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CV RAMAN MINOR RESEARCH PROPOSALS: EVALUATION

FACULTY	TEACHER	TITLE	Time-Slot	OBJECTIVE S WITH SOCIAL RELEVANC E (10 MARKS)	NOVELIT Y OF THE PROPOSA L (10 marks)	METHODO LOGY (10 MARKS)	TOTAL MARKS	SUGG ESTED BUDG ET	RECOMME NDATIONS Approved/rej ected
ARTS BA;MA;BLIB;MLIB ;MSW; EDUCATION;BCA; DCA;BPED	MkW0 fodkl feJk lgk;d vkpk;Z] ch0,M0 foHkkx vdcjiqj egkfo ky; vdcjiqj	Hkkoh f”k{kdkksa ,oa Hkkoh f”kf{kdkvkksa dh foKku fo’k; esa #fp ij “kS{kf.kd izf”k{k.kksa ¼ikB~;&lgxkeh fØ;kvksa½ ds izHkko dk rqyukRed v/;;u	11AM- 11:25AM	7	5	6	18/30	50000	Approved
								Consumables: 20,000/- Contingency: 20,000/- Travel: 10,000/-	
								Total: 50,000/-	
	7	3		7	17/30	50000	Approved		
	●				Consumables: 10,000/- Contingency: 20,000/- Travel: 10,000/-				
					Total: 50,000/-				
Dr. Vandana Dwivedi			7	6	6	19/30	50000/-	Approved	

	Assistant Professor Dept. of Psychology D.G.P.G.College, Kanpur.	TO STUDY THE LEVEL OF DEPRESSION OF THE INDIVIDUALS IN REFERENCE TO SPIRITUAL ATTITUDE IN THE PANDEMIC SCENARIO	11:25AM- 12PM					Equipments: Consumables:10000/- Contingency:30000/- Travel:10000/-	
								50000/-	
	Dr Sangeeta Sirohi Assistant Professor & Head Department of Geography Dayanand Girls P. G. College Kanpur	Effects of COVID- 19 Pandemic on the Socio- Economic Conditions of Migrants in Moradabad District of Uttar Pradesh		7	8	8	23/30	70000/-	Approved
								Equipments:-Nil Consumables:Nil Contingency:20,000/- Travel/Field survey: 50,000/-	
								Total: 70,000/-	
	Dr. Shri Krishna Patel Associate Professor D.A.V. Training College, Kanpur	Effect Of Yogic Intervention On Pulmonary Function & Quality Of Life Among College Students Living In Aqi Sensitive Areas Of Kanpur City		3	3	3	9/30	Rejected	
				Objectives are not focused. Methodology and other details not provided. Project does not have quality					
				3	3	3	9/30	Rejected	

	MkW0 izR;w'k oRlyk f}osnh½ eq[; vUos'kd vfILVsaV izksQslj] laL—r foHkkx Mh0ch0,l0 ih0th0 dkyst] dkuiqjA	vFkoZosn esa vk;qfoZKku		<div>❖ Studying Atharveda ??? and attending places.</div> <div>❖ No clarity of objectives, lacks novelty</div> <div>❖ Research methodology is highly unclear.</div> <div>❖ Literature search previous search also not defined.</div> <div>❖ No references for previous work done.</div> <div>❖ Rejected</div>					
	Dr. Abha Singh Associate Professor & Head Department of Psychology P.P.N. College, Kanpur	Impact of Psychological Intervention on Anxiety, Depression, and Insomnia Along with Biochemical Change (Cortisol)		9	8	8	25/30	1L	Approved
				<div>● No Co-PI allowed</div> <div>● Rural area to be covered.</div>				Equipments:nil Consumables (testing for cortisol):75000/- Contingency:15000/- Travel:10000/-	
								1L	
	Dr. Rashmi Gore Dept. of Education CSJMU, Kanpur	Challenges of On- Line Teaching- Learning: A Case Study of Secondary Schools of Kanpur City		9	8	8	25/30	70000/-	Approved
								Equipments:25000/- Consumables: Contingency:25000/- Travel:20,000/-	
								70,000/-	
	Dr. Shipra Srivastava (Assistant Professor) Department of Psychology D.G.P.G. College, Kanpur	A STUDY OF DOMESTIC VIOLENCE AGAINST ADULT AND	12:00PM- 12:20PM	7	6	5	18/20	50000/-	Approved
								Equipments:Nil Consumables:30,000/- Contingency:10,000/- Travel:10,000/-	

	ADOLESCENT FEMALES IN KANPUR CITY						Total:50000/-		
	डॉ रमाकान्त राय असिस्टेंट प्रोफेसर हिन्दी राजकीय महिला स्नातकोत्तर महाविद्यालय इटावा उत्तर प्रदेश		राष्ट्रभाषा हिन्दी और पण्डित दीन दयाल उपाध्याय का भाषा चिन्तन	8	6	5	19/30	50,000/-	Approved
								Equipments: Consumables: Contingency:35000/- Travel:15000/-	
							Total: 50,000/-		
SCIENCE BSC;MSC	Dr. Manju Bhaskar Assistant Professor Department of Zoology D. B. S. College, Kanpur Uttar Pradesh, India	Study of parasitic infestation of Gangetic fishes in Kanpur district	12;20PM-1:00PM	8	8	9	25/30	1L	Approved
				● Include other areas along with Kanpur such as Farrukhabad, Kannauj ● Submit quotes for the equipment proposed.				Equipments:50000/- (Microscope) Consumables:30,000/- Contingency:10,000/- Travel:10,000/-	
								1L	
SCIENCE BSC;MSC	Dr Manishi Tripathi Assistant Professor School of Sciences	Bioformulation of heavy metal resistant and plant growth promoting bacteria to enhance plant growth in metal contaminated soil.		9	8	8	25/30	1L	Approved
				● Include details of the lab/collaborator where RNA sequencing will be done ● Quotes for pH meter				Equipments:10000/- Consumables:50000/- Contingency:20000/- Travel:20000/-	
								1L	
SCIENCE	Dr. Rohit Singh			2	2	3	7/30	0	Rejected

BSC;MSC	D. A-V. (PG) College, Kanpur	Computational Investigation of Noncovalent Interactions in Weak-ligand-based Coordination Assemblies		Project objectives, methodology and budget are not defined.					
	Dr. Archana Dixit Assistant Professor, Department of Chemistry D.G.P.G. College, Kanpur	Physiological Effect of Nitrate and Chromium in ground water in Kanpur Region		8	5	6	19/30	50000/-	Approved
								Equipments:Nil Consumables:30000/- Contingency:10000/- Travel:10000/-	
					50000/-				
	Dr Meet kamal Associate Professor, Department of Chemistry, Christ Church college Kanpur	Morphological and conductivity studies of fullerene and poly N-vinyl carbazole based Interpenetrating Polymer Network		8	8	9	25/30	1L	Approved
			Quotes for nitrogen vaccum solvent distillation apparatus; magnetic stirrer.				Equipments:45000/- Consumables:45000/- Contingency:10000/- Travel:Nil		
					Total: 100000/-				
	Dr. Siddhartha Kumar Mishra Associate Professor, Department of Life Sciences, CSJMU	Assessment of the impact of environmental toxicants on liver function and their remedial management	1:00PM-1:30PM	9	8	9	26/30	1L	Approved
Ethical clearance certificate should be attached.				Equipments:Nil Consumables:70000/- Contingency:30000/- Travel:Nil					
				1L					

	Dr. Vinod Kumar Verma Assistant professor Department of Life Sciences C.S.J.M. University, Kanpur	Karyological study of some Gangatic fishes in Kanpur district		9	8	9	26/30	1L	Approved
				Specify the species which would be used for the study. Suggested to include endangered species also.				Equipments:NIL Consumables: 60000/- Contingency:20000/- Travel:20000/-	
	Dr. Renu kumari Assistant professor Department of chemistry D.B.S. College ,Kanpur Uttar pradesh, India	Molecular modeling and docking of some drug molecules using QSAR three dimensional approach		4	5	6	15/30	50000/-	Approved
				Quotation for equipment is required.				Equipments:software (Dragon software) 50000/- Consumables:nil Contingency:nil Travel: nil	
								50000/-	
	DR. MONAL SINGH Associate Professor PPN(PG) College, Kanpur U.P. India	Nutritional Aspects As Influenced By Trace Element Application In Edible Mushroom		7	7	7	21/30	75000/-	Approved
				Quotes for magnetic stirrer with hot plate and chemical balance.				Equipments:20,000/- Consumables:30,000/- Contingency:15000/- Travel:10000/-	

		A Sustainable Landless Crop For Indian Folklore							
	Dr. Shikha Shukla Department of Physics, UIET, CSJM University, Kanpur	Developing Emerging Engineering Materials of non-crystalline Chalcogenides by using Thermal and Mechanical Characterizations	2:00-3:00PM						
	Dr. Om Kumari DEPARTMENT OF CHEMISTRY, K.K. P.G. COLLEGE, KANPUR	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		3	6	6	15/30	50000/-	Approved
								Equipments:nil Consumables:30000/- Contingency:10000/- Travel:10000/-	
								50000/-	
	Anita Rai Department of Chemistry	Studies of Lanthanide-doped UP and Down		7	7	7	21/30	75000/-	Approved
			Approved Suggestive for its applications in solar panels.					Equipments-Nil Consumables:60000/-	

	PPN PG College, Kanpur	<i>Conversion materials</i>						Contingency:10000/- Travel:5000/- 75000/-	
	Dr. Priydarshni Niranjana (Assistant Professor) Department Of Chemistry Dayanand Girl's P.G College Kanpur	<i>Study, Synthesis, and activity of Schiff base containing pyrrole derivatives</i>		3	2	2	7/30	-	Rejected
			Lacks the focused objectives, methodology and utility. Vague and non-specific methodology.						
	Dr. Satyendra Singh Department of Physics, M.P. Govt. P.G. College, Hardoi, U. P., India	<i>Liquefied Petroleum Gas Sensors Based on Nanostructured Antimonates</i>						Rejected	
			HARDOI DISTRICT IN NOT UNDER CSJMU, KANPUR						
SCIENCE BSC;MSC	Dr Surendra Pratap Singh Plant Molecular Biology Laboratory, Department of Botany, D.A.V. College, Kanpur-208	<i>Genome-wide analysis of Senescence-Associated Genes (SAGs) in cotton and their role in development & stress responses</i>		9	9	8	26/30	1L	Approved
				Hot plate with magnetic stirrer quotes required				Equipments:40000/- Consumables:45000/- Contingency:10000/- Travel:5000/-	
								1L	
	Dr. Rajesh Kumar Department of Life Sciences, CSJMU, Kanpur	<i>The Role of Serum Tumour Markers for the Predication of Colorectal</i>		7	6	5	18/30	50000/-	Approved
				Ethical clearance for the proposed work on cancer required before release of funds.				Equipments:Nil Consumables:40000/- Contingency:5000/-	

		<i>Cancer in Patients. With Advanced Crc Adeno Carcinoma</i>						Travel:5000/-	
	Dr. YASHVEER GAUTAM ASSISTANT PROFESSOR(CHEMISTRY) PPN College, Kanpur	<i>'DESIGN AND SYNTHESIS OF 2-METHOXYESTRA DIOL ANALOGUES ON NON-STEROIDAL PHARMACOPHORE AS ANTI-CANCER AGENTS</i>		7	9	8	24/30	75000/-	Approved
				Provide quotes for water bath & magnetic stirrer with hot plate.				Equipments:25000/- Consumables:25000/- Contingency:20000/- Travel:5000/-	
								75000/-	
ENGINEERING & TECHNOLOGY BTECH	Dr. Anju Dixit Assistant Professor Department of Physics & MSME UIET, CSJM University	Effect of Cobalt as binder on Mechanical and Electrical Properties of Tungsten Carbide	3:00-3:30PM	7	9	9	25/30	1L	Approved
								Equipment: 20000 Consumables: 30000 Contingency:40,000/- Travel: 10,000/-	
						1L			
	Dr. Vishal Awasthi Department of Electronics & Comm. Engg.	CONTACTLESS BODY TEMPERATURE SCREENING		6	6	5	17/30	50000/-	Approved
Door unit for temperature sensing-to be installed at the entrance of Centre for Academics				Equipments:35000/- Contingency:15000/-					

	U.I.E.T., C.S.J.M.University, Kanpur	WITH IMAGE TRACKING IN COVID-19							
	Dr. Vijay Kumar Kashyap (PI) Ph.D. Assistant Professor Materials Science and Metallurgical Engineering Department, UIET, CSJMU	Formation and characterization of mixed ionic and electronic conducting oxides using sol-gel method		9	9	8	26/30	1L	Approved
								Equipment: 25000 Consumables: 25000 Contingency/testing:40, 000/- Travel: 10,000/- Total: 100000/-	
	Dr. Rashi Agarwal UIET, CSJM University, Kanpur	IoT Based Air Pollution/Quality Monitoring on Thingspeak		8	9	9	26/30	1L	Approved
				Wide coverage of pollution level suggested. Provide quotes for IoT equipment’s.				Equipment: 50000 Consumables: 20000 Contingency:20,000/- Travel: 10,000/- Total: 100000/-	
COMMERCE BCOM; MCOM/BBA; MBA	Dr. Shantanu Saha Teacher code: TS 26652 Assistant Professor, Department of Business Administration PSIT College of Higher Education, Kanpur	A Study of Awareness Level and Promotional Effectiveness of Selected State Government Welfare Schemes with specific focus on Kanpur Dehat Region	3:30PM- 3:50PM	4	3	2	9/30	Rejected	
				The scope of the study is too wide and needs to be focused on the scheme and area for assessment.					
	Dr. Udai Bhan Trivedi				3	3	3	9/30	Rejected

	Allen House Business School Kanpur	Comparative analysis of various classification machine learning algorithm on driver drowsiness dataset and applying the best one in detecting drowsiness of driver		The drowsiness detection is a computer vision problem and if a dataset is being used for the same, it needs to be mentioned. The purpose of the objective is not clear as this needs a real time application for implementation which is not in the scope of the project currently.					
	Dr. Mamta Tiwari UIET, CSJMU, Kanpur	UP Tourism on Fingertips	3:50-4:15PM	2	3	3	8/30	-	Rejected
				Project proposed does not have clear objectives, methodology and novelty.					
				6	6	6	18/30	50000/-	Approved
				Questionnaire for interviews. Other cities to be included. Written informed consent should be obtained.				Equipment: NIL Consumables: 10,000/- Contingency: 20,000/- Travel: 20,000/-	
				3	3	3	9/30	0	Rejected
				Project objectives too vague. Books and study material is accessible at many sites for studying. What do you mean by hiring services? Suggestive of outsourcing of the proposed work. The central library can be used for the purpose.					
				6	5	7	18/30	50000/-	Approved
				For Biological activity which cell line will be used. Provide quotes for equipment's.				Equipment: 15000/- Consumables: 20000/- Contingency: 10000/- Travel: 5000/-	
LAW LLB/LLM	Dr. P.K. Pandey Assistant Professor, Department of Law Brahmanand College, Kanpur	ENFORCING PRISONERS' RIGHTS IN DISTRICT JAIL KANPUR: LAWS, POLICIES AND PRACTICES							
	Dr. RAHUL VERMA Dayanand College of law, Kanpur	COVID-19 and Restoration of Compulsory Licensing							
MEDICAL	Dr. Meenakshi Gupta Senior Assistant Professor School of Pharmaceutical Sciences C. S. J. M. University Kanpur U.P	Targeting Oxidative stress in disorder through Controlled Delivery of Superoxide Dismutase(SOD)	4:15-5:00PM						

	Dr. Ajay Kumar Assistant Professor School of Pharmaceutical Sciences C.S.J.M. University, Kanpur	<i>Synthesis, Characterization, Anti-Cancer Screening and Molecular Docking of Some Novel Indole Derivatives</i>		ABSENT
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	Dr. Kalpana Assistant Professor University Institute of Pharmacy CSJM University, Kanpur	FORMULATION AND CHARACTERIZ ATION OF ORAL GEL CONTAINING POLYHERBAL EXTRACT FOR ANTIULCER ACTIVITY.		ABSENT					
	Submitted By Pratima Katiyar Assistant Professor	Synthesis, characterization and antimicrobial activity of chitosan based pyrazole derivatives		ABSENT					
	Dr. Prakash Chandra Gupta Asst. Prof., School of Pharmaceutical Sciences CSJMU, Kanpur	TO EXPLORE THE ULCERPROTEC TIVE POTENTIAL OF INDIGENOUS		7	5	8	20/30	50000/-	Approved
				Suggested to prepare directory of medicinal plants from selected zones of Uttar Pradesh			Equipment: NIL Consumables: 35000/- Contingency:12000/- Travel:3000/-		

		MEDICINAL PLANT IN ETHANOL-INDUCED GASTRIC LESIONS IN RATS							
	Dr Digvijay Sharma Assistant Professor, School of Health Sciences, CSJM University, Kanpur	Effect of comprehensive rehabilitation on fatigue, functional capacity and quality of life in long term sequelae of COVID- 19 survivors		7	6	6	19/30	50000/-	Approved
				The study is recommended under medical supervision, attach appropriate undertaking.				Equipment: NIL Consumables: 30000/- Contingency:10000/- Travel:10000/-	
	Dr Nisha Sharma, Reader, School of Pharmaceutical Sciences, CSJMU, Kanpur	Formulation and Evaluation of Phlogacanthus thyrsoiflorus nanosuspension for anti-lithiatic activity		7	9	9	25/30	1 L	Approved
			<ul style="list-style-type: none"> • Soxlet & heating mental 					Equipment: 30,000/- Consumables: 50,000/- Contingency: 10,000/- Travel; 10,000/-	