

GURU NANAK DEV UNIVERSITY, AMRITSAR

ADVERTISEMENT FOR PROJECT FELLOW UNDER RUSA 2.0 SCHEME

Applications are invited from eligible candidates for position of *Project Fellows* in various thematic areas funded under the Component 4 of RUSA 2.0 scheme.

Tenure :

The duration of the project is for 2 years or till the tenure of the RUSA 2.0 scheme, whichever is earlier. The remuneration will be paid as per UGC norms for project fellow. The fellowship is performance based and can be terminated earlier in case of non-performance.

Eligibility:

The candidate to be considered for appointment as Project Fellow must have second class master's degree with a minimum of 55% marks for general category (50% in case of SC/ST/PH) or M.Phil in the subject concerned or a related subject. The candidate to be appointed as Project Fellow should be below the age of 40 years at the time of appointment. The Project Fellow should do work full time in the project and get the fellowship from one source only.

***Preference will be given to NET/GATE/GPAT qualified candidates.**

Eligible candidates are required to submit soft copy of their application along with their detailed CV by e-mail to the PI in the concerned research area with a copy of e-mail to Nodal Officer RUSA 2.0 (rusacomponent4@gmail.com) by 5th December, 2019. The walk-in-interview will be held in office of the Dean Academic Affairs as per the following schedule.

Candidate need to be appear in the walk in interview with all original documents, research publications etc. as claimed in the CV.

S.No.	Thematic Area	Date and Time	Venue
1.	Centre for Basic and Translational Research in Health Sciences	9/12/2019 at 10.00 am	O/o Dean Academic Affairs, Guru Nanak Dev University, Amritsar
2.	Centre for Agriculture Research and Innovation (CARI)	10/12/2019 at 10.00 am	O/o Dean Academic Affairs, Guru Nanak Dev University, Amritsar
3.	Centre for Sustainable Habitat	11/12/2019 at 10.00 am	O/o Dean Academic Affairs, Guru Nanak Dev University, Amritsar

Centre for Basic and Translational Research in Health Sciences

Project No.	Department	Name of PI/Co-PI	Title	*Qualifying Exam	Email of PI
1	Botany	Dr. Saroj Arora (PI) Dr. Balbir Singh (Co-PI) Dr. Neena Bedi (Co-PI)	Modulatory effect of 4-methylthiobutyl isothiocyanate on expression of pro-apoptotic markers in cell culture model: Its mechanistic evaluation through pharmacokinetic studies	NET	jrosh1@rediffmail.com
2	Biotechnology	Dr. P.C. Mishra (PI) Dr. Rachna Hora (Co-PI)	Exploring potential of Fractalkine binding peptides for suppressing SLE	NET	mypcm@yahoo.co.in
3	Chemistry	Dr. Kamaljit Singh (PI) Dr. Paramjit Kaur (Co-PI)	Design and Development of Antiparasitic Drugs	NET	kamaljit19in@yahoo.co.in
4	Chemistry	Dr. Prabhpreet Singh (PI) Dr. Subodh Kumar (Co-PI)	Optical Targeting of Biogenic Amines and Biothiols : Translation to the Point-of-Care Testing (POCT) platforms with low-resource applications	NET	prabpreet1979@gmail.com
5	Human Genetics	Dr. Anupam Kaur (PI) Dr. Tajinder Kaur (Co-PI)	To understand the genetic basis of polycystic ovary syndrome : A molecular genetics and metabolite profiling approach	NET	anupamkaur@yahoo.com
6	Human Genetics	Dr. Kamlesh Guleria (PI) Dr. Vasudha Sambyal (Co-PI)	The Implications of VEGF, VEGFRs in Esophageal Cancer Risk and Therapy	NET	guleria_k@yahoo.com
7	Human Genetics	Dr. Manpreet Kaur (PI) Dr. Jatinder Singh (Co-PI)	Alterations in Cervico-vaginal Microbiome along with Immunomodulations in Cervical Cancer	NET	dr.manpreetdhuna@gmail.com
8	Human Genetics	Dr. Sanjana Mehrotra (PI) Dr. Vanita (Co-PI) Dr. Tejwant Singh (Co-PI)	Analysis of pathways linked to aggression and resistance in prostate cancer: A geomics and transcriptomics approach.	NET	sanjana.bhu@gmail.com
9	Microbiology	Dr. Sukhraj Kaur (PI) Dr. Amarjeet Kaur (Co-PI)	Evaluation of anti-diabetic potential of human lactobacilli having alpha-glucosidase and anti-inflammatory properties	NET	koursukhraj@rediffmail.com
10	Mol. Bio. & Bio.	Dr. Gagandeep Kaur (PI) Dr. Venus Singh (Co-PI)	Identification and Characterization of Novel Sperm Proteins responsible for Sperm-Egg Interactions: An Integrative Approach	NET	gaganbejoy@gmail.com

11	MYAS-GNDU	Dr. Shweta Shenoy (PI) Mr. Shrinivas Rao (Co-PI)	The Effect of an acute bout of high intensity intermittent exercise on neural growth factor related to cognition in young adults : Gender differences	NET	shwet1999@yahoo.com
12	Pharm. Sci.	Dr. Rajbir Bhatti (PI) Dr. Palwinder Singh (Co-PI) Dr. M.S. Bhatti (Co-PI)	Understanding the Inflammatory Pathways and Development of Target Oriented Natural and Synthetic Compounds as Analgesic/Anti-inflammatory Agents	GPAT	rbhatti75@gmail.com
13	Pharm. Sci.	Dr. Subheet Jain (PI) Dr. Satwinderjeet Kaur (Co-PI)	Development of Nano-formulations of anti-cancer drug spray drying technology and evaluating its anti-cancer activity in Primary Cell Cultures	GPAT	subheetjain@rediffmail.com
14	Drug & Pollut. Testing Lab	Dr. PMS Bedi (PI) Dr. Sarabjit Kaur	Development of Different Analytical Methods for the Testing of Various Phyto-constituents in Drug Testing Laboratory	GPAT	bedi_preet@yahoo.com
15	Psychology	Dr. Davinder Singh (PI) Dr. B.S. Bal (Co-PI)	Effects of Training Interventions on CNS Vital Signs, Cornell Medical Index (CMI) and Mental Skill in Young Indian People	NET	davinderjohal@rediffmail.com

Centre for Sustainable Habitat

Project No.	Department	Name of PI/Co-PI	Title	*Qualifying Exam	Email of PI
1	Architecture	Dr. Karamjit Chahal (PI) Dr. Kuljit Kaur (Co-PI)	Built Heritage and Sustainability: Devising the Evaluation Criteria for Built Heritage for Indian Cities	GATE	kschahal@rediffmail.com
2	Chemistry	Dr. Inderpreet Kaur (PI) Dr. Avinash K. Nagpal (Co-PI)	Fabrication of Sensing Devices and their Applications for Trace Level Detection of Heavy Metals/Metalloids in Environment	NET	inderpreet11@yahoo.co.in
3	Botany	Dr. Rajinder Kaur (PI) Dr. Ritu Bala (Co-PI)	Monitoring of Pollution Load of Pond Ecosystems of Villages of Punjab and Their Restoration Measures	NET	swab2002@yahoo.com

4	Botany	Dr. Renu Bhardwaj (PI) Dr. Amritpal Singh (Co-PI)	Establishment of Herbal Garden for Conservation of Medicinal Herbs subsequently leading to Awareness and Income Generation among local populations	NET	renu_bhardwaj@rediffmail.com
5	Chemistry	Dr. Vandana Bhalla (PI) Dr. Manoj Kumar (Co-PI)	Supramolecular Materials: Toward Sustainable Sensors and Catalytic Systems	NET	vanmanan@yahoo.co.in
6	Elect. Tech.	Dr. Shalini Bahel (PI) Dr. Jatinder Kaur (Co-PI)	Cytotoxic and geneotoxic effects of electromagnetic radiations using Trigonella foenum-graecum test system	NET	shalinibahel@yahoo.com
7	GRD Sch. of Plg.	Dr. Ashwani Luthra (PI) Ms. Ritu Raj Kaur (Co-PI)	Sustainability Concerns and Livability Conditions : An Appraisal of Selected Smart Cities of Punjab, Haryana and Himachal Pradesh	NET	ashwaniluthra@gmail.com
8	Microbiology	Dr. H.S. Saini (PI) Dr. Pooja Chadha (Co-PI)	Developing rhizo-remediation based waste water treatment protocols to improve the treatment efficiency of waste water treatment plant of GNDU, Amritsar	NET	sainihs@yahoo.com
9	Physics	Dr. Aman Mahajan (PI) Dr. Vipin (Co-PI)	Energy harvesting under direct/diffuse sunlight and indoor condition for sustainable habitat	NET	dramanmahajan@yahoo.co.in
10	Physics	Dr. Anupinder Singh (PI) Dr. Parambir Singh Malhi (Co-PI)	Environment Friendly Energy Efficient Materials for Modern Refrigeration	NET	anupinders@gmail.com
11	Physics	Dr. B.S. Bajwa (PI) Dr. Sandeep Sharma (Co-PI)	High Prevalence of Uranium and Radium in groundwater in Bathinda, Mansa, Moga and Barnala districts of SW-Punjab: Distribution, Source Determination, Risk Assessment and Remediation Studies	NET	bsbajwa2k2@yahoo.co.in

Centre for Agriculture Research

Project No.	Department	Name of PI/Co-PI	Title	*Qualifying Exam	Email of PI
1	Biotechnology	Dr. P.K. Pati (PI)	Development of elite cultivars of <i>Withania somnifera</i> and its Rapid Multiplication using Biotechnological Approaches	NET	pkpati@yahoo.com
2	Botany	Dr. Adarsh Pal Vig (PI)	Vermicompost of Cococnut Coir waste as a valuable organic fertilizer and biocontrol agent: Effect on growth, yield and quality of plants	NET	adarshpalvig@yahoo.co.in
3	Food Science	Dr. H.S. Gujral (PI)	Evaluating the Effects of Processing Millets on Digestibility, Bioactive Components and utilizing them in convenient functional foods	NET	hsgujral7@yahoo.co.in
4	Food Science	Dr. N.S. Sodhi (PI)	Application of EMG to develop new food products for inclusion in the diets of dysphagia patients and to study its effect on the gut microbiome	NET	navdeep_fst@yahoo.co.in
5	Microbiology	Dr. B.S. Chadha (PI)	Utilization of agro-residues for production of lignocellulolytic enzymes, xylo-oligosaccharides and ethanol using novel approaches	NET	chadhabs@yahoo.com
6	Microbiology	Dr. Rajesh Kumari (PI)	Development of <i>Streptomyces</i> bio-formulation for plant protection from phytopathogens and improvement of plant growth	NET	rkmanhas@rediffmail.com
7	Zoology	Dr. Puja Ohri (PI)	Isolation and Identification of Indigenous Entompathogenic Nematodes of Amritsar to evaluate their biocontrol potential against important insect pests	NET	ohri11puja@gmail.com
8	Zoology	Dr. Sanehdeep Kaur (PI)	Exploring endophytic micro-organisms for biological control of insect pests	NET	sanehsaini@gmail.com

* Apart from qualifying exams mentioned above, the NON NET, NON GATE, NON GPAT candidates may also apply. However the preference will be given to NET/GATE/GPAT qualified candidates.

Dean Academic Affairs