Bharathiar University Invites Application for the following Project Fellow Positions to work under RUSA 2.0

No: BU/IQAC/RUSA-PF/2020 Dated January 7, 2020.

ID	Name	Designation	Department	Title	No. of Fellow	Subject Specialization of Project fellow
1	Dr. K.M. Saradhadevi	Assistant Professor	Biochemistry	Development of Cost Effective Hydroponic System For Women Agripreneurs	1	Life Sciences
2	Dr. R. Kavitha	Assistant Professor	Biochemistry	Development of microbial fuel cell for the textile wastewater treatment and bioelectricity generation	1	Biochemistry
3	Dr. R. Sathiesh Kumar	Professor	Biotechnology	Development of Superior Wheat with High Resistance Starch and Low-Gluten by Allelle Mining	1	Plant Biotechnology
4	Dr. P. Ekambaram	Associate Professor	Biotechnology	Screening and Analysis of Phytochemicals for Defluoridation of Groundwater	1	Animal Biotechnology Zebrafish, Rat/Mice - Handling
5	Dr. V. Thirunavukkarasu	Associate Professor	Biotechnology	Development of strip based biosensor kit to diagnose dengue infections at early stage	1	Chemistry, Nanobiotechnology, Structural biology, life sciences
6	Dr. S. Girija	Associate Professor	Biotechnology	Analysing the Economic feasibility of the developed Plant Tissue culture methods for mass production of important horticulture plants using Bioreactors	1	Plant Biotechnology
7	Dr. S. R. Prabagaran	Associate Professor	Biotechnology	Rapid sensitive diagnosis of bacterial infection in ocular diseases through loop-mediated isothermal amplification(LAMP) assay	1	Microbiology / Molecular Biology
8	Dr. M. Arun	Assistant Professor	Biotechnology	Setting up of pilot plant scale-up facility incorporated with novel methodologies for commercial production of plant extracts	1	Life Sciences with Specialization in Plant Biotechnology
9	Dr. S. Velayuthaprabhu	Assistant Professor	Biotechnology	Production of chikungunya virus-like particles in Nicotiana benthamiana transgenic plants for development of commercial diagnostic kit	1	Life Sciences with Biotechnology
10	Dr. V. Vijaya Padma	Professor	Biotechnology	Development of vasicinone based antiasthmatic ‘metered dose inhaler & nebuliser’ and evaluation for Anti-asthmatic effect in asthma mouse model	1	Pharmacology, Animal Biotechnology
11	Dr. A. Rajendiran	Professor	Botany	Medicinal Orchids of Western Ghats of Tamil Nadu, India	1	Plant Taxonomy
12	Dr. T. Sekar	Assistant Professor	Botany	Phytochemical and Pharmacological Analysis of Few Accanthaceae Plants of Maruthamalai Forest-A Tail of Western ghats	1	Phytochemical Pharmacology
13	Dr. P. Ponmurugan	Associate Professor	Botany	Value-added technology in Functional food product development for economic growth of women Tribes in Tamil Nadu	1	Biomedical Research
14	Dr. T. Parimelazhagan	Professor	Botany	Development and marketing of dietary supplements (Borassus flabellifer L.) and wound healing products (Rubus fairholmianus Gard.) from underutilized wild plants from Westerrn Ghats, India	1	Bioprospecting and Medicinal Plants
15	Dr. T. Muthukumar	Associate Professor	Botany	Development of Crop Growth Bioformulation for Sustainable Crop Production	1	Root and Soil Biology

16	Dr. K. Chitra	Assistant Professor	Botany	Beautification of Bharathiar University campus using available ornamental flora and establishment of organic terrace garden	1	Plant Ecology / Organic Terrace Garden
17	Dr. P. Gurusaravanan	Assistant Professor	Botany	Development and evaluation of Bio-controlling agent for sustainable agriculture production	1	Plant Tissue Culture / Bio Formulation
18	Dr. K. Vasanth	Assistant Professor	Botany	In vitro propagation and anti-cancer investigation of Gloriosa superba L.-"Lab to Land"; A conservative approach	1	Plant Genetic Engineering
19	Dr. Rupa Gunaseelan	Professor & Director i/c	BSMED	Facilitating the green mission by Marketing of E-Vaahan through innovative green advertisment strategies	1	Strategic Management and Corporate Social Responsibility
20	Dr. V. Ramanujam	Professor	BSMED	E-Waste Management: An Entrepreneurial Approach For Creating Awareness And Opportunities For College Students	1	MBA (IS) / MCA
21	Dr. T. Selvaraju	Associate Professor	Chemistry	Development & Commercialization of High Tensile Strength Bioplastics	1	Chemistry / Biodegradable Polymer
22	Dr. M. Dhanabakyam	Professor	Commerce	Proposal for Conduct of Career and Entrepreneurship Development programme for Commerce Students in Coimbatore District	1	Commerce
23	Dr. M. Sumathy	Professor & Head	Commerce	Skill Development programmee in Digital Marketing	1	Marketing / Digital Marketing
24	Dr. M. Jegadeeshwaran	Assistant Professor	Commerce	Financial Training and Tax Computation and Statutory Compliances for Indian Business	1	Finance and Taxation
25	Dr. V. Bhuvaneswari	Associate Professor	Computer Applications	Smart Technological Framework for Auditing Public Toilets : Swachh Bharat	1	IOT and Big Data Analytics
26	Dr. T. Devi	Professor & Head	Computer Applications	Digital Career and Entrepreneurship hub	1	Entrepreneurship and Career Hub
27	Dr. M. Punithavalli	Professor	Computer Applications	Ground water preservation against soil contamination using machine learning algorithms	1	Machine learning
28	Dr. R. Rajeswari	Associate Professor	Computer Applications	Smart video surveillance system	1	Digital Image Processing
29	Dr. T. Amudha	Associate Professor	Computer Applications	Design of novel cropping patterns for yield maximization and ecology conservation using swarm intelligent techniques	1	Bio Inspired Computing / Artificial Intelligence
30	Dr. J. Satheeshkumar	Associate Professor	Computer Applications	Emotional Behavior Analysis of Human Using Electroencephalography Based Brain Patterns	1	Image processing
31	Dr. E. Chandra	Professor & Head	Computer Science	Advanced Mobile Application Based Speaker Recognition Using Age and Gender Classification for Forensic Investigation	1	Speech Recognition, Signal Processing
32	Dr. G. Singaravelu	Professor & Head	Education	Developing Multi Media Package on Motivation and Knowledge Retention towards Students	1	Education
33	Dr. M. Parthasarathy	Assistant Professor	Education Technology	Establishing Career and Entrepreneurship Hub Nurturing Bharathiar University Graduates in the Career and Entrepreneur Skills required for E-Learning Services Industry	1	E-learning
34	Dr. R. Saravana Selvan	Professor & Head	English	Public Speaking and Presentation Skills	1	ELT / Literature / Soft Skill
35	Dr. B. Padmanabhan	Assistant Professor	English	Academic and Technical Writing Training	1	Academic, Technical and Creative Writing
36	Dr. G. Vinothkumar	Assistant Professor	English	Soft Skills Centre	1	Indian Writing in English

37	Dr. M. Ashitha Varghese	Assistant Professor	English	Cognitive and Culture- based Technological Design to Enhance Reading Comprehension of Post-graduate Learners		English Language and Literature
38	Dr. M. Kasirajan	Assistant Professor	English	Career Skills for Humanities Students	1	English Language and Literature
39	Dr. V. David Arputha Raj	Assistant Professor	English	Content Writing	1	English Language Teaching
40	Dr. P. Nagaraj	Associate Professor	English	Multimedia Material Production Centre for MOOC	1	ICT Application and Teaching
41	Dr. B. Sathya Priya	Assistant Professor	Environmental Sciences	Synthesis of eco friendly human safe antimicrobial natural pigments alternative to synthetic dyes using agro waste by novel bacteria isolated from Western Ghats and bioprospecting their applications in Textile and Medical Textile Industries	1	Environmental Microbial Biotechnology, Environmental Science, Environmental Microbiology, Environmental Biotechnology and Life Sciences
42	Dr. L. Arul Pragasan	Assistant Professor	Environmental Sciences	Effect of climate change on growth and yield Of selected legume crops vigna radiata, Trigonella foenum-graecum, glycine max	1	Environmental Ecology
43	Dr. R. Rajkumar	Assistant Professor	Environmental Sciences	Investigation on the bioflocculant potential of exopolysaccharide obtained from cyanobacteria	1	Life Sciences / Environmental Science
44	Dr. P. Siddhuraju	Professor & Head	Environmental Sciences	Bioresource Potential of Lesser Utilised Crop Species,	1	Bioresource Technology
45	Dr. A. Manimekalan	Professor	Environmental Sciences	Climate change and its impacts on fish biodiversity and conservation of thrented fishes of southern western guards	1	Fish Taxonomy/ molecular taxonomy/Fish Habitat Study/Environmental Science / Zoology / Biotechnology
46	Dr. A. Vimala	Professor	Extension, Career Guidance & Students Welfare	Skill assessment and global competency certificate for Arts and Science graduates with Sector Skill Councils	1	Manangement / Career Guidance
47	Dr. R. Sivasamy	Assistant Professor	Human Genetics and Molecular Biology	Formulating the suitable supplements to overcome nutritional deficiency in sickle cell disease patients	1	Life Sciences / Human Genetics / Biotechnology / Molecular Biology
48	Dr.V. Balachandar	Assistant Professor	Human Genetics and Molecular Biology	Novel drug targeting approach using human induced pluripotent stem cell (hiPSCs) of Rett Syndrome (RTT)	1	Zoology / Human Genetics / Life Sciences
49	Dr. S. Sundarabalu	Assistant Professor	Lingustics	Developing a Trilingual E-Dictionary and Accent Traing Module for Tribal Students Living in Coimbatore region	1	Applied Linguistics
50	Dr. V.M. Subramanian	Assistant Professor & Head i/c	Linguistics	Empowering Tribal People of Western Ghats: an Applied Study towards Enhancing General Awareness on Education, Health and Career	1	Language and Application
51	Dr. S. Vijayakumar	Assistant Professor	Medical Physics	Investigation of opto-electronic properties of metallopolyynes for molecular wire applications	1	Physics
52	Dr. C.S. Sureka	Assistant Professor	Medical Physics	Nanodosimeter For Early Detection Of Cancer From Exhaled Air	1	Medical Physics
53	Dr. V. Brindha Priyadarisini	Assistant Professor	Microbial Biotechnology	Medicated Lip Balm From Marine Actinobacterial Pigments	1	Prospecting compounds from active bacteria
54	Dr. K. Preethi	Assistant Professor	Microbial Biotechnology	Biofertilizer and Aqua Feed Formulation utilizing Tannery Fleshings Through Microbial Fermentation	1	Microbial Biotechnology / Microbiology

55	Dr. M. Gnanadesigan	Assistant Professor	Microbial Biotechnology	Zero waste utilization and prototype development for the treatment of the textile dyes using the agro waste of Musa sps. – A Green technology approach	1	Natural Product Research
56	Dr. G. Kapildev	Assistant Professor	Microbial Biotechnology	Optimization of invitro culture and mass production of diterpene glycosides from Stevia rebaudiana Bertoni for commercialization.	1	Plant Biotechnology / Plant Tissue Culture
57	Dr. P. Sakthivel	Professor	Nanoscience and Technology	Removal Of Heavy Metals From Industrial Effluents Using Nano Activated Carbon Prepared Using Agro Based Materials	1	Chemistry
58	Dr. C. Viswanathan	Professor	Nanoscience and Technology	Development and Fabrication of Wearable Sensors for Point of Care Devices	1	Nanomaterials / Sensors / Thin Films
59	Dr. R. T. Rajendrakumar	Professor	Nanoscience and Technology	Development of sewer manhole sensors	1	Physics / Materials Science / Nanoscience and Technology
60	Dr. P. P. Vijaya	Associate Professor	Nanoscience and Technology	Vinblastine-Loaded Super paramagnetic Iron Oxide Nanoparticles for Combined Cancer Imaging and Therapy	1	Cancer Biology / Life Sciences / Chemistry / Nanoscience and Technology
61	Dr. P. Premasudha	Assistant Professor	Nanoscience and Technology	Nanostructured Zinc Oxide Incorporated Chitosan / Gelatin Hydrogel Composite for Biomedical Applications	1	Life Sciences / Nanoscience and Technology
62	Dr. A.M. Ballamurugan	Assistant Professor	Nanoscience and Technology	Development of Nanocurcumin based chemopreventive and Neuroprotective formulation for supportive care Therapy	1	Materials Chemistry
63	Dr. R. Annadurai	Associate Professor	Physical Education	Determining physical fitness, Body composition of deaf and dumb children and implecating hatha yoga practices, muscle fitness programmes and zumba training on selected physical, physiological and psychological variables on them	1	Deaf and Dump Special Education / M. P. Ed.
64	Dr. Y.L.Jeyachandran	Assistant Professor	Physics	Establishment of Technology Business Incubator Centre for the Development and Manufacture of Photovoltaic Cells and Modules	1	Physics
65	Dr. D. Nataraj	Professor	Physics	Fabrication of perovskite oxide based prototype ultra-sensitive (10ppb) acetone sensor for noninvasive diabetic diagnosis	1	Physics
66	Dr. R. Shankar	Assistant Professor	Physics	Tailoring of new Silicon based electrode materials for the absorption of Na+,SO2 and CO2 towards Metal-Air Battery Applications - A Theoretical Study	1	Physics
67	Dr. K. Suresh	Assistant Professor	Physics	Development of Plasma Based Technology for Purification of Contaminated Water	1	Physics
68	Dr. N. Annalakshmi	Professor	Psychology	Students Mindful Leadership Program	1	Psychology
69	Dr. S. Elaiyaraja	Assistant Professor	Tamil	Kongu Traditional Games awarness Campaign	1	Folklore, Tamil Literature
70	Dr. S. Ananthavel	Assistant Professor	Tamil	Sangam Poetry App	1	Sangam Literature / Tamil Computing
71	Dr. K. Amutha	Assistant Professor	Textiles and Apparel Design	Design and Development of Eco Friendly Soft Toys	1	Soft Toys
72	Dr. Zenetta Rosaline	Professor & Director	Women’s studies	Entrepreneurial Skill Development for the Financial Empowerment of Marginalized/Destitute Women in Coimbatore District	1	Women Empowered Skill Development

73	Dr. K. Murugan	Professor & Head	Zoology	Hesperitin Loaded Iron Oxide Nanoparticles Induced Apoptotic Cell Death through Upregulation of GADD45 gene in Multi Drug Resistant Human Breast Cancer Cells and Post operative Patients: An Improved stem cell system for cancer therapy	1	Division Entomology
74	Dr. V. Ramasubramanian	Professor	Zoology	Setting up of demonstration hatchery for edible and ornamental fish culture for the upliftment of Self help group members and Aquaculture farmers	1	Aquatic Biotechnology
75	Dr. P. Saravanabhavan	Professor	Zoology	Development of “Smart” Anti-obesity Drug for Longer and Healthier Life	1	Crustacean Biology
76	Dr. M. Ramesh	Professor	Zoology	Ecotoxicological Risk Assessment Of Antibiotics In Aquatic Ecosystem: A Multi Biomarker Approach	1	Toxicology
77	Dr. T. Muralisankar	Assistant Professor	Zoology	Assessment Of The Effects Of Co2 Driven Seawater Acidification On Natural Fish Food Organism Artemia Fransiscana- A Climate Change Perspective	1	Aquatic Ecology
78	Dr. N. Arul	Assistant Professor	Zoology	Screening of Epigenetic Modification and Drug Targeting Sp1 in Ovarian Cancer (OC) Patients – A Novel Therapeutic Approach	1	Zoology / Human Genetics / Life Sciences

Educational Qualification: PG Degree in the concerned discipline with NET/SET/CSIR-NET/Ph. D. preferred.
Period: For 5 Months (01.02.2020 to 30.06.2020)
Fellowship: INR 20000/Per Month (Consolidated)
How to Apply: Interested candidates are encouraged to send their Curriculum Vitae with the attached format by email to “rct.burusa@gmail.com” in advance. On the day of the interview, the candidates must produce one set of self attested copies of all certificates and original certificates in proof of their educational qualifications and experience and a recommendation letter from the Head of the Department/Institution where last studied/worked. No TA & DA will be provided for attending the interview.

Last Date for Submission of Application: 20th January 2020

IQAC, Bharathiar University