

#### PONDICHERRRY UNIVERSTIY

(A Central University)

Dr. B.R. Ambedkar Administrative Building, R. Venkataraman Nagar, Kalapet, Puducherry - 605 014

#### SCHOOL NAME: SUBRAMANIA BHARATHI SCHOOL OF TAMIL LANGUAGE & LITERATURE

Sl. No	Name of the Department	Name of the Post	No. of posts	Specialization/Qualification
		Professor	1	Ancient Tamil Grammar / Sangam Literature
1	Tamil	Associate Professor	2	Modern Tamil Studies / Comparative Literature/Literary Criticism

Sl. No	Name of the Department	Name of the Post	No. of posts	Specialization/Qualification
		Professor	2	Finance, Human Resource Management
	M.B.A. Programme	Associate Professor	3	Marketing, Operations, Finance
2	Management Studies	Assistant Professor	2	Systems, Operations Banking Technology/Green Finance/Behavioral Finance/Financial Institutions & Markets/Strategic Financial Management/Global Finance & International Banking.  Softwares like: SPSS,Python. Database: CMIE-PROWESS,Bloomberg

Sl. No	Name of the Department	Name of the Post		Specialization/Qualification
		Associate Professor	1	Big Data Analytics  • Essential Qualifications: i) Ph.D. degree in Management / Data Science / Engineering or equivalent in the discipline, with a first class or equivalent at the preceding M.B.A degree with a very good academic record throughout. ii) Minimum of 6 years in Teaching / Research experience of which at least 3 years should be at the level of Assistant Professor. iii) Successful track record of teaching, training, research and publications in reputed peer- reviewed journals (At least 2 papers in A/A* class or 4 papers in B/C class journal in ABDC ranking during last 4 years).  • Desired Qualifications: iv) Advanced proficiency in R / SAS / Python. v) Excellent knowledge of Hadoop, Big Data, HDFS, MapReduce, Pig, Hive, Sqoop, ZooKeeper, Hbase. vi) Experience in Amazon AWS, NoSQL Database and other cloud platforms.
3	M.B.A Data Analytics (New Programme)	Assistant Professor	3	Machine Learning, Excel & R Programming, Operations & Python Programming.  MACHINE LEARNING: Essential Qualifications: i) B.E / B.Tech and M.B.A with Systems (or) Operations (or) M.B.A with Systems related papers in any of the semester ii) UGC NET / JRF or equivalent in Management iii) Advanced proficiency in Python and Predictive Analytics.  Desired Qualifications: i) The candidate should have excellent knowledge in optimization techniques, database management and web development.  ii) Certificate courses in Python Programming, Web Development, NLP and Database Management, etc. iii) Knowledge in Predictive Analytics – Optimization models, Numpy, Scipy, Pandas, Scikit-learn, Nltk, Pulp, Flask, Matplotlib, Mysql, Scrapy and Requests OPERATIONS & PYTHON PROGRAMMING: Essential Qualifications: i) B.E / B.Tech and M.B.A with Systems (or) Operations (or) M.B.A with Systems related papers in any of the semester ii) UGC NET / JRF or equivalent in Management iii) Advanced proficiency in Python and Predictive Analytics  Desired Qualifications: i) The candidate should have excellent knowledge in optimization techniques and web development. ii) Certificate courses in Python Programming, Web Development, Product Development, etc iii) Knowledge in Prescriptive Analytics – Optimization models, Numpy, Scipy, Pandas, Scikit-learn, Nltk, Pulp, Flask, Matplotlib, Mysql, Scrapy and Requests  PROGRAMMING AND VISUALIZATION: Essential Qualifications: i) B.E / B.Tech and M.B.A with Systems (or) Operations (or) M.B.A with Systems related papers in any of the semester ii) UGC NET / JRF or equivalent in Management iii) Advanced proficiency in R, Excel and Visualization Tools  Desired Qualifications: i) The candidate should have excellent knowledge in Excel, R Programming and Visualization software like Tableau and PowerBI.  ii) Certificate courses in R Programming, Excel, Tableau and PowerBI, etc.  iii) Knowledge in Excel dashboards, functions, VBA and Macros, Power Query and Cloud Computing Services

Sl. No	Name of the Department	Name of the Post	No. of posts	Specialization/Qualification
		Associate Professor	1	Finance and Financial Analytics specialization/Accounting & Taxation specialization
4	Commerce	Assistant Professor	2	A) Derivatives & Risk Management B) Computerized Accounting (SAP/Excel/Tally/Cloud Computing/Artificial Intelligence) C) Financial Economics & Econometrics, D) Mathematics & Statistics and E) Taxation/Public Finance/Law  Accounting & Financial Analysis/Risk Management Portfolio Management/Financial Derivatives/Forex Management. Softwares: SPSS,STATA,Eviews,Gretl,Tally,gnucash. Database: CMIE-PROWESS, Bloomberg
	Commerce – (Karaikal campus)	Professor	1	Finance/Marketing
5		Assistant Professor	2	Accounting & Taxation specialization/Financial Markets/Quantitative Techniques
		Professor	1	Public Finance/Development Economics
		Associate Professor	2	Environmental Economics/ Rural Economics/ Agricultural Economics/Financial Economics
6	Economics	Assistant Professor	2	Quantitative Economics/ Econometrics/ Behavioral Economics/ Development Economics/ International Economics/ Labour Economics/Industrial Economics/Law and Economics  Economics/Econometrics, Applied Regression modeling/Time series Analysis & Forecasting Softwares like SPSS, Eviews, GRETL, STATA, R language and python  Database: CMIE-PROWESS, Bloomberg
7	Tourism Studies	Professor	1	Business Analytics/Tourism Marketing/Tourism Planning /Tourism Entrepreneurship/Finance and Accounts/Hospitality

Sl. No	Name of the Department	Name of the Post	No. of posts	Specialization/Qualification
8	Dauking Tasky alega	Professor	1	Data Analytics/Machine Learning/IT infrastructure Management/Software Engineering (or) Ph.D in Management with Finance and / or System Specialization
	Banking Technology (Existing)	Associate Professor	2	Artificial Intelligence and Machine Learning/ Mobile Computing/ Cloud Computing/Business Intelligence/Blockchain Technology/Software Engineering/Information Systems Audit.  Risk Management in Banks/ Financial Derivatives/International Banking/Financial Economics
	15 D A D	Associate Professor	1	Business Data Analytics and Data Science / Operation Research
9	M.B.A Financial Technology (New Programme)	Assistant Professor	3	Financial Engineering and Structural Finance/Financial Risk Management and Derivatives / Security Analysis and Portfolio Management Crypto Currency/Blockchain Technology/Robotic Process Automation/Agile Software Development/Smart Computing Evolutionary Computing/Data Analytics with Python and R/Information System Audit/Cyber Security
		Professor	1	Systems: The courses and research interests of the area focus on 1. Artificial Intelligence / Business Analytics / Data Mining and Business Intelligence / Web Engineering / Cognitive science / Augmented Intelligence / Cloud Computing / Internet of Things / Human Computer Interaction / Information Systems for Business / Natural Language Processing / Distributed Computing / Computer Architecture and Design / Neural Networks / Remote Sensing and GIS / Multimedia and Graphics design / Wireless Sensor Networks / Cyber Crimes & Law
10	International Business	Assistant Professor	1	Finance: The courses and research interests of the area focus on Investments and Portfolio Management - Financial management - Management Accounting and control -Bitcoin and the Blockchain - Global Mergers & Acquisitions-Derivatives Management -International Accounting - Corporate Finance - International Taxation- Global Asset backed Securities- Corporate Governance-International finance-Foreign Exchange- Stochastic Calculus in Finance - International Business Law.  Hands on Experience with the Bloomberg and Thomson Reuter terminals, Compustat, CRISP, WRDS, high-frequency order and trade book data from National Stock Exchange of India, Indian Corporate (listed and unlisted) data, bond market data etc.

### SCHOOL NAME: RAMANUJAN SCHOOL OF MATHEMATICAL SCIENCES

Sl. No	Name of the Department	Name of the Post	No. of posts	Specialization/Qualification
		Professor	1	Analysis, Algebra, Geometry
11	Mathematics	Associate Professor	4	Analysis, Algebra, Geometry, Number Theory, Graph Theory, Numerical Analysis, Differential Equations
		Assistant Professor	1	Analysis, Algebra, Geometry, Number Theory, Graph Theory, Numerical Analysis, Differential Equations and Fluid Mechanics
12	Statistics	Associate Professor	2	Bayesian Inference/Statistical Computing (Sufficient practical knowledge in SPSS, R and python) Distribution Theory/Statistical Genetics/Sampling Theory

### SCHOOL NAME: PHYSICAL, CHEMICAL & APPLIED SCIENCES

Sl. No	Name of the Department	Name of the Post	No. of posts	Specialization/Qualification
		Professor	2	A) Condensed Matter Physics Experimental (Energy/Magnetic/Semiconductor/Plasmonics/Biomaterials &Plasma Physics)
13	Physics	Associate Professor	3	B) Lasers/Photonics/Quantum Optics C) Theoretical Physics
		Assistant Professor	1	(Computational Material Science/Quantum information/Nonlinear Dynamics/High Energy Physics/General Relativity & Cosmology)  D) Astronomy & Astrophysics(Experimental & Theory)
	M.Tech Applied	Associate Professor	1	Condensed Matter Physics Experimental (Energy/Magnetic/Semiconductor/Plasmonics/Biomaterials
14	(New Programme) As	Assistant Professor	3	Computational Material Science Condensed Matter Physics Experimental (Energy/Magnetic/Semiconductor/Plasmonics/Photonics/Biomaterials)
		Professor	1	Analytical Chemistry
15	Chemistry	Associate Professor	2	Chemical Biology/Solid State NMR/EPR/Medicinal Chemistry/Synthetic Organical Chemistry/Theoretical/Computational Chemistry/Biophysical Chemistry/Experimental Physical Chemistry/Biocatalysis
		Professor	2	Petrology- Igneous / Metamorphic/ Sedimentary; Crystallography and Mineralogy; Economic Geology
16	Earth Sciences	Associate Professor	1	Geological and Planetary Remote Sensing/ Paleontology
	10 Earth Sciences	Assistant Professor	2	A) Mineralogy and Crystallography/ Igneous and Metamorphic Petrology / Geochemistry/ Structural Geology/ Engineering Geology B) Coal & Petroleum Geology/ Ore Geology / Sedimentology/ Stratigraphy/ Geohydrology
	M.Sc Applied	Associate Professor	1	Solid Earth Geophysics/ Exploration Geophysics
17	Geophysics (New Programme)	Assistant Professor	3	A) Seismology and Seismic Prospecting B) Gravity/ Magnetic Geophysics C) Electrical / Electromagnetic Geophysics

### SCHOOL NAME: PHYSICAL, CHEMICAL & APPLIED SCIENCES

Sl.No	Name of the Department	Name of the Post	No. of posts	Specialization/Qualification
18	Central Instrumentation Facility	Professor	1	Electronics/Instrumentation Engineering or Technology/Physics Not less than 10 years in operation & maintenance of sophisticated analytical instruments
	G + 1D: +	Professor	1	M.Sc (Geology/Applied Geology); Ph.D (Disaster Management/Structre & Tectonics/Geospatial Technology)
19	Coastal Disaster Management (Andaman & Nicobar Islands)	Assistant Professor	3	A) M.Sc (Geology/Applied Geology); Ph.D (Disaster Management/Remote Sensing) B) M.Sc (Geology/Applied Geology/Oceanography/Disaster Management); Ph.D (Disaster Management/Coastal Disaster/Cyclone/Climate Change/Weather forecasting) C) M.Sc (Geology/Applied Geology); Ph.D (Disaster Management/Geochemistry/Hydrochemistry/Geomorphology/Engineering Geology)

### SCHOOL NAME: LIFE SCIENCES

Sl. No	Name of the Department	Name of the Post	No. of posts	Specialization/Qualification
		Professor	1	General Biotechnology
20	Biotechnology	Associate Professor	1	Molecular Biology/Developmental Biology
		Assistant Professor	1	General Biotechnology/Neurobiology/ Virology/Cancer Biology

# SCHOOL NAME: LIFE SCIENCES

Sl. No	Name of the Department	Name of the Post	No. of posts	Specialization/Qualification
21	Food Science & Technology	Professor	2	A) Professor- 1: Food Science & Technology: Essential: Masters & Ph.D in Food Science & Technology/Food Technology/Food Engineering/Food Process Engineering/Agricultural Process Engineering with UGC NET (Home Science)/ICAR NET(Food Technology/Nutirtion) Desirable area of Specialization: Sensorial Sciences/Dairy Technology/Grain Sciences/  B) Professor- 2: Food Science & Nutrition Essential: Masters and Ph.D in Food Science & Nutrition/Food Science/Home Science with UGC NET (Home Science)/ICAR NET(Food Technology/Nutrition) Desirable area of Specialization: Community Nutrition
21		Associate Professor	1	Food Science & Nutrition: Essential: Masters and Ph.D in Food Science & Nutrition/Food Science/Home Science with UGC NET (Home Science)/ICAR NET(Food Technology/Nutrition) Desirable area of Specialization: Sensorial Sciences
		Assistant Professor	1	Food Science & Technology: Essential: Masters & Ph.D in Food Technology/Food Technology /Food Engineering/Food Process Engineering/Agricultural Process Engineering with UGC NET (Home Science)/ICAR NET(Food Technology/Nutrition)
	Biochemistry &	Professor	1	Any area in Biochemistry & Molecular Biology
22	Molecular Biology	Associate Professor	1	Molecular Genetics/Developmental Biology
23	Bioinformatics	Associate Professor	1	Essential: Ph.D in Bioinformatics/Computational Biology/Computer Science with strong programming skills  Desirable: Strong research expertise as evidenced by good publication track in the fields of Artificial Intelligence/Big Data Analysis/Computational Biology

# SCHOOL NAME: LIFE SCIENCES

Sl. No	Name of the Department	Name of the Post	No. of posts	Specialization/Qualification
		Professor	1	Animal/Wild Life Ecology
24	Ecology & Environmental	Associate Professor	3	A) Evolution and Behavioral Ecology B) Marine Ecology C) Theoretical and Population Genetics
	Sciences	Assistant Professor	2	A) Animal/Wild Life Ecology B) Environmental Sciences
25	Microbiology	Associate Professor	1	Synthetic Biology/Microbial Cell Factory/Extremophiles

### **SCHOOL NAME: HUMANITIES**

Sl. No	Name of the Department	Name of the Post	No. of posts	Specialization/Qualification
26	English	Professor	1	Comparative Literature / Literary Theory / Cultural Studies
20	English	Associate Professor	2	ELT / English Language Studies/Comparative Literature / Literary Theory / Cultural Studies
		Professor	1	
27	French	Associate Professor	1	Translation & Interpretation or Linguistics or Literature
		Assistant Professor	1	
28	Hindi	Associate Professor	1	Functional Hindi and Translation Language Technology, ICTs, New Media Studies

### SCHOOL NAME: HUMANITIES

Sl.No	Name of the Department	Name of the Post	No. of posts	Specialization/Qualification
29	Conglinit	Professor	1	Sanskrit Literature/ Grammar / Vedic Studies.
29	Sanskrit	Assistant Professor	1	Sanskrit Literature/ Grammar / Vedic Studies
30	Philosophy	Professor	1	Western Philosophy
		Assistant Professor	1	Indian Philosophy – Classical & Contemporary
	Physical	Professor	1	Research Process in Physical Education and Sports Science/ Applied Statistics in Physical Education and Sports/Sports Management
31	Education &	Associate Professor	2	
	Sports	Assistant Professor	5	Sports Medicine / Sports Bio-mechanics / any other relevant

# **SCHOOL NAME: PERFORMING ARTS**

Sl.No	Name of the Department	Name of the Post	No. of posts	Specialization/Qualification
32	D. C	Associate Professor	2	Direction and Play Production , Acting & Actor Training
32	Performing Arts	Assistant Professor	1	Stage Craft and back stage techniques

### SCHOOL NAME: SOCIAL SCIENCES AND INTERNATIONAL STUDIES

Sl. No	Name of the Department	Name of the Post	No. of posts	Specialization/Qualification
		Professor	1	Archaeological Anthropology
33	Anthropology	Associate Professor	1	Linguistic Anthropology (or) Physical Anthropology
34	Politics and	Associate Professor	4	International Relations / International Law /International Political Economy International Organization / Global Governance / disarmament Studies /China / East Asia / North American Studies
	International Studies	Assistant Professor	1	Political Science
		Professor	1	Feminist Research Methodology / Feminist Theories / Women's Movements
35	Centre for Women Studies	Associate Professor	1+1	a) Gender and Development / Women and Work b) Women and Law / Gender, Politics and Governance
	Statics	Assistant Professor	2	a)Women, Health and Sexuality/ Gender and Science b) Gender & Media / Gender and Diaspora
		Professor	1	Essential: Ph.D in Sociology/Social Work/Economics/Political Science/Anthropology/Development Studies.  Specialization: Development Policy, Social Legislation and Social Justice/Development and Social Exclusion Theories
36	Centre for Study of Social Exclusion &	Associate Professor	2	Essential: Ph.D in Sociology/Social Work/Economics/Political Science/Anthropology/Development Studies.  Specialization: Problems of Weaker Sections/ Social Inequality, Discrimination and Exclusion/Social Movements and Human Rights, Disability Studies
	Inclusive Policy	Assistant Professor	1	Essential: Ph.D in Sociology/Social Work/Economics/Political Science/Anthropology/Development Studies with minimum 55% marks in M.A (50% in case of SC/ST/PH)  Specialization: Any areas of Development Economics/Anthropology/Sociology/Sociology/Social Work/Human Rights
37	Social Work	Professor	1	Medical &Psychiatric Social Work
38	Sociology	Associate Professor	1	Development Sociology
39	History	Associate Professor	1	Ancient/Medieval Indian History
อฮ	History	Assistant Professor	1	Ancient/Medieval Indian History

### SCHOOL NAME: SOCIAL SCIENCES AND INTERNATIONAL STUDIES

Sl. No	Name of the Department	Name of the Post	No. of posts	Specialization/Qualification
40	South Asian Studies	Professor	1	China and South Asia
40	40 South Asian Studies	Associate Professor	1	International Political Economy
41	Centre for Maritime Studies	Assistant Professor	1	Maritime Affairs/Security With background of International Relations/Political Science/Defense Studies

#### SCHOOL NAME: MEDIA & COMMUNICATION

Sl. No	Name of the Department	Name of the Post	No. of posts	Specialization/Qualification
	Library &	Associate Professor	1	Archives, Library Systems (Public and Academic), Intellectual Property Rights, Soft Skills, Technical Writing
42		Assistant Professor	1	Library Automation and Digitization (Theory and Practice), Content Development, ERMS, Ontology, Open Source Tools, Metadata Standards
43	Electronic Media & Mass Communication	Professor	2	Professor in Mass Communication: Digital Media and Culture Studies, Journalism Studies and Subaltern studies Professor in Electronic Media: a) Digital Media Studies / Television Studies / Film Studies b) Technology-Enabled Learning
		Associate Professor	1	Graphic Design, Animation Design, VFX, Interaction Design and Visual Culture Studies

### **SCHOOL NAME: EDUCATION**

Sl. No	Name of the Department	Name of the Post	No. of posts	Specialization/Qualification
4.4	Education	Professor	1	Educational Technology/Curriculum Development/Teacher Education
44	Education	Assistant Professor	1	Educational Technology/Curriculum Development/Teacher Education

### SCHOOL NAME: MADANJEET SCHOOL OF GREEN ENERGY TECHNOLOGIES

Sl.No	Name of the Department	Name of the Post	No. of posts	Specialization/Qualification
		Professor	1	Post Graduate Degree in Biotechnology/Biochemistry should have Ph.D research experience in Nano-Biotechnology/Nanomedicine Post Graduate Degree in Physics should have Ph.D research experience in Computational Modeling & simulation in
45	Nanoscience & Technology	Associate Professor	1	Nanomaterials Post Graduate Degree in Physics/NanoScience and Technology/Material Science should have Ph.D research experience in MEMS/NEMS/Sensors and Nanolithography fabrication techniques Post Graduate Degree in NanoScience and Technology/ Material Science & Engineering should have Ph.D research experience in Nanomaterials
		Professor	1	Essential: Ph.D in relevant discipline of renewable energy with established academic leadership and outreach Specialization: Solar Thermal/Solar Photovoltaic/Energy Materials/Bioenergy & Biofuel
46	Green Energy Technology	Assistant Professor	4	Post 1: Essential: M.Tech Electrical Engineering/Power Electronics/Power Plant Engineering with Ph.D  Specialization: Wind Energy Technology  Post 2: Essential: Biotechnology/Biochemistry/Microbiology. with substantial contribution in biomass to biofuel conversion technology  Specialization: Bioenergy  Post 3: Essential: M.Tech Architecture/civil Engineering with Ph.D in relevant discipline  Specialization: Green Building/ Sustainable Development/  Post 4: Essential: M.Tech Mechanical Engineering/Thermal Engineering with substantial contribution in modeling and simulation for energy technology application  Specialization: Computational Fluid Dynamics

# SCHOOL NAME: ENGINEERING & TECHNOLOGY

Sl.No	Name of the Department	Name of the Post	No. of posts	Specialization/Qualification
		Professor	3	Algorithms, AI & Machine Learning, Big Data and Data Analytics, Cloud Computing and IoT, Cyber security, Elearning/E-governance, Image Processing, Natural Language Processing, Networks, Soft Computing, Theory of Computation
47	Computer Sciences (PU campus)	Associate Professor	3	AI & Machine Learning, Big Data and Data Analytics, Human Computer Interaction, Optimization Techniques, Services Computing, Soft Computing
		Assistant Professor	1	Algorithms, Database Management Systems, Discrete Mathematics, Network Operations Research, Theory of Computation and Proficiency in recent programming Languages, Modeling & Simulation packages.
		Professor	1	Distributed Systems, Cloud Computing systems, Big data Analytics, Human Computer Interaction
48	Computer Science (Karaikal campus)	Associate Professor	2	Theory of Computation, Computer Graphics, Machine Learning, Databases and Data Mining, Natural Language Processing
		Assistant Professor	3	Information/Networks Security, Artificial Intelligence, Software Engineering, Computer Vision, Internet - of- things
40	Electronics Engineering	Professor	1	Any area in Electronics and Communication Engineering
49		Associate Professor	1	
		Professor	1	Essential:M.Tech/M.E/M.S or Integrated M.Tech in Environmental Engineering/Environmental Engineering and Management, with first class or equivalent at either Bachelors or Master's Level and Ph.D related to Environmental Engineering.  Desirable: Specialization in any area of environmental engineering with preference to expertise in remote sensing and GIS/ climate change /cleaner production, process modeling and simulation / Health risk assessment.
50	Centre for Pollution Control & Environmental Engineering	Associate Professor	2	Essential:M.Tech/M.E/M.S or Integrated M.Tech in Environmental Engineering/Environmental Engineering and Management, with first class or equivalent at either Bachelors or Master's Level and Ph.D related to Environmental Engineering.  Desirable: Specialization in any area of environmental engineering with preference to expertise in remote sensing and GIS/ Climate change /Cleaner production, process modeling and simulation / Health risk assessment.
		Assistant Professor	1	Essential: B.E/B.Tech/B.S in any branch of Engineering and M.E/M.Tech/M.S or integrated M.Tech in Environmental Engineering /Environmental Engineering and Management with first class or equivalent in any one of the degrees.  Desirable: Ph.D in any area of Environmental Engineering.

# SCHOOL NAME: LAW

Sl.No	Name of the Department	Name of the Post	No. of posts	Specialization/Qualification
		Professor	1	Corporate and Security Laws/International Commercial Laws/Intellectual Property Rights (IPR) Laws
51	Law	Associate Professor	2	International Commercial Laws
		Assistant Professor	4	Corporate and Security Laws/Labor Laws/ International Laws/Intellectual Property Rights (IPR) Laws

### UGC- HRDC

Sl.No	Name of the Department	Name of the Post	No. of posts	Specialization/Qualifica0tion
52	UGC- Human Resource Development Centre	Assistant Professor	1	Essential: Ph.D in Computer Science with specialization in E-content development, MOOC's and ICT applications  Desirable: Independent Creation, Launch and monitoring of MOOC's programme under SWAYAM/ARPUT platform

### PONDICHERRY UNIVERSITY COMMUNITY COLLEGE, LAWSPET

Sl. No	Name of the Department	Name of the Post	No. of posts	Specialization/Qualification
		Professor	1	Management/Commerce/Computer Science/Visual Communication /Biochemistry with Administrative Experience
	English	Assistant Professor	1	
53	Computer Science	Associate Professor	1	
	Tamil	Assistant Professor	1	Any area in the relevant discipline
	Bio-chemistry	Assistant Professor	2	

Note: Regarding reservation points, refer the main notification