

ಮಂಗಳೂರು
MANGALORE



ವಿಶ್ವವಿದ್ಯಾನಿಲಯ
UNIVERSITY

ಕುಲಸಚಿವರ ಕಛೇರಿ

ಮಂಗಳಗಂಗೋತ್ರಿ - 574 199

Office of the Registrar

Mangalagangothri - 574 199

ಕ್ರಮಾಂಕ/ No.: MU/ACC/Ph.D/CR.09/2013-14/A3

ದಿನಾಂಕ/Date: 18.09.2013

NOTIFICATION
Ph.D PROGRAMME FOR THE YEAR 2013

Applications in the prescribed form in two sets are invited from the eligible candidates for Enrolment to Ph.D programme in Mangalore University P.G. Departments/ Recognized Research Centre/ Institutions having affiliation for Ph.D Programme for the year 2013.

Prescribed application forms along with the detailed notification may be obtained from the Registrar, Mangalore University, Mangalagangothri - 574199, D.K or the Principal, Field Marshal K.M. Cariappa College, Madikeri or the Principal, University College, Hampankatta, Mangalore D.K on payment of ₹.650/- (Rupees Six Hundred and Fifty only) (₹.325/- for SC/ST/CAT-1 Candidates on production of Caste certificate) through Challan or D.D of any Nationalized Banks drawn in favour of the Finance Officer, Mangalore University.

ELIGIBILITY:

- 1) A candidate who has obtained any Master's Degree of Mangalore University or any other University considered as equivalent thereto with a minimum of 55% marks (50% for SC/ST/Cat-I and Differently-abled candidates) in aggregate or equivalent grade.
- 2) The teachers employed in University/ affiliated colleges before 31.3.1992 and are continuing in service on a regular basis shall be permitted if they have a minimum of 50% of marks at the Master's Degree level.

SELECTION OF CANDIDATE:

Selection of candidates for Ph.D programmes will be based on Centralized Entrance Test, Interview and marks obtained in the Qualifying Examinations in the Ratio of 50:50 and overall minimum 50% marks (45% for SC/ST/Cat-I) and as per Merit Cum Reservation Policy.

Those Candidates who qualify U.G.C/ CSIR (JRF) Examination/ NET/ SLET/ GATE/ Teacher Fellowship holder/ M.Phil degree holder who have already appeared for Entrance Test or Research candidates working under sponsored Major Research Projects are exempted from appearing for Entrance Test. The selection of these candidates is based on their performance in the **Interview** and marks obtained in the **Qualifying Examinations** in the Ratio of 50:50.

DETAILS OF VACANT SEATS:-

I. P.G. Departments at Mangalore University Campus, Mangalagangothri/
P.G.Centre, Cauvery Campus, Madikeri

Sl. No.	P.G. Departments	Specialization with No. of vacant seats	Total No. of vacant Seats	Classification of the seats as per roster
Mangalore University Campus, Mangalagangothri				
1.	Kannada	1. ಅಧುನಿಕ ಕನ್ನಡ ಸಾಹಿತ್ಯ 03 2. ಜಾನಪದ ವಿಜ್ಞಾನ 05 3. ಮಹಿಳಾ ಅಧ್ಯಯನ 02 4. ಸಾಂಸ್ಕೃತಿಕ ಅಧ್ಯಯನ 02	12	GM – 06 SC – 02 ST – 01 Cat-I – 01 Cat-IIA – 02
2.	English	1. Deconstruction/ Post-structuralism 02 2. Feminism/s and Women's Writing 02 3. Ethnic American Literature 01 4. Partition Narratives 02 5. Translation Studies 01 6. Nation and Narration 01 7. Gender Studies 01 8. Missionary Writings 01	08	GM – 04 SC – 01 ST – 01 Cat-I – 01 Cat-IIA – 01
3.	History	1. Modern India 07 2. Medieval Karnataka 3. South Kanara 4. South India, Kodagu	07	GM – 04 SC – 01 ST – 01 Cat-IIA – 01
4.	Economics	1. Development Economics, Macro Economics, Agricultural Economics, Micro Finance, Population Studies, Demography, Rural Development, Social Exclusion and Inclusive Policy, Health Economics, Economics of Education, Globalization and Macro Economic Policy, Economics of Caste Discrimination, Development and Displacement 02 2. Mathematical Techniques in Economic Analysis, Statistical Techniques in Economic Analysis, Econometrics. 04 3. Urban Economics, Monetary Economics, (Finance and Development), Environmental Economics, Public Economics, Agricultural Marketing, Women's Studies, Demography, Macro Economics Policy, Indian Economic Policy, Economics of Insurance 04 4. Institutional Economics, Women Studies, Development Economics 01	11	GM – 06 SC – 02 ST – 01 Cat-I – 01 Cat-IIA – 01

5.	Sociology	1. Indian Society	01	05	GM – 02 SC – 01 ST – 01 Cat-IIA – 01
		2. Community Studies	04		
6.	Physical Education	1. Physical Education & Sports	01	01	GM – 01
7.	Applied Botany	1. Plant Physiology & Biochemistry	02	04	GM – 02 SC – 01 Cat-IIA – 01
		2. Vegetation Ecology	01		
		3. Angiosperm Taxonomy	01		
8.	Applied Zoology	1. Genetic Toxicology and Carcinogenesis	02	18	GM – 09 SC – 02 ST – 01 Cat-I – 01 Cat-IIA – 02 Cat-IIB – 01 Cat-IIIA – 01 Cat-IIIB – 01
		2. Physiology	08		
		3. Cytogenetics	02		
		4. Neurobiology Cytogenetics Biochemistry & Nutrition	06		
9.	Biosciences	1. Microbiology (Microscopic algae and Cyanobacteria)	02	10	GM – 05 SC – 02 ST – 01 Cat-IIA – 02
		2. Diversity	02		
		3. Biochemistry – Phytochemicals	01		
		4. Environmental Science	01		
		5. Plant Pathology and Mycology, Phytochemistry	02		
		6. Oncology and Genotoxicology	02		
10.	Physics/ University Science Instrumentation Centre/ Microtron Centre	1. Thin Film studies/ Compton profile	02	29	GM – 15 SC – 04 ST – 01 Cat-I – 01 Cat-IIA – 04 Cat-IIB – 01 Cat-IIIA – 01 Cat-IIIB – 02
		2. Crystal structure and Non Linear Optics of organic materials	01		
		3. Theoretical particle Physics	01		
		4. Radiation Physics	02		
		5. Positron annihilation studies in polymers	02		
		6. Experimental semiconductor physics	02		
		7. Polymer studies	02		
		8. Polymers/ biomaterials	02		
		9. Polymer composite materials	02		
		10. Nuclear/ Radiation Physics	09		
		11. Radiation effects in Materials and Semiconductors, Microtron based research	04		
13.	Chemistry	1. Synthetic & Medicinal Chemistry	01	15	GM – 08 SC – 02 ST – 01 Cat-I – 01 Cat-IIA – 02 Cat-IIB – 01
		2. Physical organic Chemistry	02		
		3. Polymer Chemistry	04		
		4. Synthetic & Bio-organic Chemistry	04		
		5. Synthetic & Heterocyclic Chemistry	01		
		6. Synthetic & Polymer Chemistry	03		
14.	Materials Science	1. Thin Films	02	08	GM – 04 SC – 01 ST – 01 Cat-I – 01 Cat-IIA – 01
		2. Nanoparticles	02		
		3. Polymer Blends	04		

15.	Mathematics	1. Lattice Theory	05	05	GM – 02 SC – 01 ST – 01 Cat-I – 01
16.	Statistics	1. Inventory Theory Statistical Approaches to Data Mining	03	11	GM – 06 SC – 02 ST – 01 Cat-I – 01 Cat-IIA – 01
		2. Stochastic Models Financial Models	03		
		3. Statistical Inference Survival Analysis	02		
		4. Econometrics Regression Analysis Financial Time Series	03		
17.	Marine Geology/ Geoinformatics	1. Water Resources Management, Sedimentology & Geoinformatics	03	25	GM – 13 SC – 04 ST – 01 Cat-I – 01 Cat-IIA – 03 Cat-IIB – 01 Cat-IIIA – 01 Cat-IIIB – 01
		2. Paleoceanography, Marine/ Estuarine geochemistry, Tectonics and Environmental Magnetism	05		
		3. Environmental Geology, Marine Geochemistry and Sedimentology, Remote Sensing and GIS	04		
		4. Coastal Processes , Coastal Geomorphology, CZM & Sedimentology, Remote Sensing & GIS	02		
		5. Applied Remote Sensing, Biological and Satellite Oceanography, Clastic Depositional Environments and GIS application to Oceanography and Environments.	03		
		6. Geochemistry, Chemical Oceanography, Atmospheric Science, Meteorology and Climatology	05		
		7. Remote Sensing, Coastal Geomorphology, Satellite Oceanography & GIS, Geo acoustics, Satellite Meteorology	03		
18.	Computer Science	1. Pattern Recognition and Image Processing	01	03	GM – 01 SC – 01 Cat-IIA – 01
		2. Text Mining	02		
19.	Electronics	1. Electronics	02	02	GM – 01 SC – 01
20.	Library and Information Science	1. Library and Information Science Library Management Information Services Academic Library systems and Services	04	06	GM – 03 SC – 01 ST – 01 Cat-IIA – 01
		2. Library and Information Science Special Library	02		
21.	Human Consciousness and Yogic Sciences	1. Yogic Science 2. Yoga Therapy		04	GM – 02 SC – 01 Cat-IIA – 01

22.	Business Administration	1. Finance	02	02	GM – 01 SC – 01
23.	Commerce	1. Commerce	02	02	GM – 01 SC – 01
P.G. Centre, Cauvery Campus, Madikeri					
22.	Microbiology	1. Microbiology		08	GM – 04 SC – 01 ST – 01 Cat-I – 01 Cat-IIA – 01
23.	Biochemistry	1. Biochemistry	04	09	GM – 05 SC – 01 ST – 01 Cat-I – 01 Cat-IIA – 01
		2. Cancer Biology	04		
		3. Radiobiology	01		

II. Recognized Research Institutions:

Sl. No.	Research Institutions	Subject	No. of vacant Seats	Classification of the seats as per roster
1.	Centre for Multi-Disciplinary Development Research (CMDR), Dr.B.R.Ambedkar Nagar, Near Yalakki Shettar Colony, Dharwad – 580 004.	Economics	05	GM – 02 SC – 01 ST – 01 Cat-IIA – 01
2.	Indian Institute of Astrophysics, Koramangala, Bangalore – 560 034.	Physics	65	GM – 33 SC – 10 ST – 02 Cat-I – 03 Cat-IIA – 10 Cat-IIB – 02 Cat-IIIA – 02 Cat-IIIB – 03
3.	National Aerospace Laboratories, (NAL), P.B.No. – 1779, Airport Road, Bangalore -560017	<u>Materials Science:</u> Nanostructured thin films/ Surface science/ Nanomaterials	03	GM – 01 SC – 01 Cat-IIA – 01
4.	National Institute of Oceanography (NIO) Dona Paula, Goa- 403 004.	Geoinformatics - 10 Biogeochemistry & Chemical Oceanography - 02	12	GM – 06 SC – 02 ST – 01 Cat-I – 01 Cat-IIA – 02
5.	Centre for Manufacturing Research and Technology Utilization,(CMRTU) RVCE Campus, R V Vidyaniketan Post Bangalore- 560 059	<u>Materials Science:</u> Composite Materials/ Nanomaterials	02	GM – 01 SC – 01
6.	National Centre for Antarctic & Ocean Research, (NCAOR) Ministry of Earth Sciences Headland Sada, Vasco-da-gama, Goa- 403 804.	Geoinformatics	05	GM – 02 SC – 01 ST – 01 Cat-IIA – 01

7.	Centre for Soft Matter Research (CSMR) (Formerly Centre for Liquid Crystal Research) P.B. Box 1326, Prof. U.R. Rao Road, Jalahalli, Bangalore- 560 013.	Physics: Condensed Matter Physics	03	GM – 01 SC – 01 Cat-IIA – 01
		Chemistry: Organic Chemistry	02	GM – 01 SC – 01
8.	Central Plantation Crops Research Institute (CPCRI), Regional Station, Vittal – 574 243.	Applied Botany: Genetics & Plant Breeding	07	GM – 04 SC – 01 ST – 01 Cat-IIA – 01
9.	Central Marine Fisheries Research Institute (CMFRI), Ernakulam, Cochin -682 018	Biosciences	81	GM – 41 SC – 12 ST – 03 Cat-I – 03 Cat-IIA – 12 Cat-IIB – 03 Cat-IIIA – 03 Cat-IIIB – 04
		Chemistry	01	GM – 01
10.	Indian Institute of Spices Research, (I.I.S.R) P B No.- 1701, Marikunnu Post Calicut- 673 012, Kerala.	Geoinformatics	03	GM – 01 SC – 01 Cat-I – 01
11.	Directorate of Cashew Research (Formerly National Research Centre for Cashew (NRCC), Darbe Post, Puttur- 574 202.	Biosciences	02	GM – 01 SC – 01
12.	Board of Radiation & Isotope Technology, (BRIT) Vashi Complex, Navi Mumbai- 400 703.	Biosciences: Immunoassays, Radiopharmaceuticals,	02	GM – 01 SC – 01
		Chemistry: Radiopharmaceuticals and Labelled compounds	04	GM – 02 SC – 01 Cat-IIA – 01
		Physics: Radioisotope Applications	04	GM – 02 SC – 01 Cat-IIA – 01

III. Affiliated/ Autonomous Colleges having Ph.D. Programmes

Sl. No.	Colleges	Subject	Total No. of vacant Seats	Classification of the seats as per roaster
1.	Shri Durga Centre for Post Graduate Studies and Research in Sanskrit, Kateel – 574 148.	Sanskrit	01	GM – 01
2.	Dr. M.V. Shetty College of Speech & Hearing, Maladi Court, Kavour, Mangalore – 575 015.	Speech & Hearing	04	GM – 02 SC – 01 Cat.IIA – 01
3.	St. Aloysius College (Autonomous), Mangalore – 575 003.	Biotechnology	04	GM – 02 SC – 01 Cat-IIA – 01
		1.Plant Biotechnology 01 2. Animal Biotechnology 02		

		3. Neurobiology	01	
4.	St. Ann's College of Education, (Autonomous), Mangalore - 575001.	Education	07	GM – 04 SC – 01 ST – 01 Cat-IIA – 01
5.	School of Social Work, (Autonomous), Roshni Nilaya, Mangalore – 575002.	Social Work	02	GM – 01 SC – 01
6.	Sri Dharmasthala Manjunaheshwara College, Ujire – 574 240	Psychology	02	GM – 01 SC – 01

The Vacant seats and Reservations may vary.

Application and other details such as Regulation & Guidelines governing Ph.D. programme are available in the University website: www.mangaloreuniversity.ac.in. Downloaded applications shall be accompanied by a D.D./ Challan towards the prescribed fee. Duly filled in applications shall be submitted in **two sets along with required documents on or before 26.10.2013** to the Chairman of the concerned P.G. Department/ Head of the Recognized Research Centre/ Principal of the College having affiliation for Ph.D. Programme.

For more details, candidates may contact the respective Chairman of the PG Department/ Head of Research Centre/ Principal of the concerned College.

The details of the Entrance Test will be intimated to the candidates later. **Entrance test fee** is ₹.500/- (₹.250/- for SC/ST and Category I candidates).

General Instructions:-

- 1) Attested copies of Caste Certificate and other relevant documents should be enclosed.
- 2) The application fee is not refundable under any circumstances.
- 3) Those who are in service should submit their applications through proper channel.
- 4) Incomplete/ application not in the prescribed form will be rejected.
No further correspondence will be entertained in the matter.
- 5) The University reserves the right to fill the seats or not to fill the seats.

Sd/-
REGISTRAR