

FIRST CIRCULAR

National seminar on DYNAMICS OF SURFACE & SUB-SURFACE GEOLOGICAL PROCESSES FEBRUARY 8 & 9, 2018

Introduction

Integrated approach to understand and quantify a geological process in context of the Earth system is the recent trend in the Earth Sciences. This National Seminar, under UGC-SAP-DRS-II, is an effort to bring together researchers of all knowledge domains in the Earth Sciences to discuss the pertinent outstanding questions today and build strategies and partnerships to evolve new research directions transcending the discipline boundaries. This seminar intends to provide platform to the young researchers to showcase their results and also seeks to benefit from the experiences of the established researchers.

All the contributory papers would be divided into seven technical sessions revolving around one umbrella theme with a key-note lecture in each session. Poster session is being planned in such a way that everybody gets enough time to discuss each presentation.

Themes

MAGMA GENERATION AND MAGMATIC PROCESSES.

(Petrological, Geochemical & Geophysical Approaches)

DEFORMATION, METAMORPHISM AND TECTONISM.

(Phase Equilibria, Structural, Geophysical, Geochemical & Remote Sensing Approaches)

ORE FORMING PROCESSES.

(Petrography, Fluid Inclusion, Geochemical & Geophysical Approaches)

SEDIMENTARY BASIN, THEIR DEPOSITIONAL ENVIRONMENTS AND ECONOMIC DEPOSITS.

(Sedimentological, Paleontological, Geochemical & Geophysical Approaches)

SURFACE PROCESSES AND QUATERNARY GEOLOGY INCLUDING PALEOCLIMATE AND TECTONICS.

(Mineralogical, Sedimentological, Paleontological, Geochemical, Geophysical, Remote Sensing & GIS Approaches)

SURFACE AND SUB-SURFACE HYDROGEOLOGY.

(Geochemical, Geophysical, Remote Sensing & GIS Approaches)

OCEAN- ATMOSPHERIC PROCESSES.

(Paleo and modern processes)

Registration and Abstract Submission:

One page (A4) abstract typed in MS-WORD having 12 size Times New Roman font, 1.5 line spacing with 1 inch margin on all sides, can be sent to earthpuseminar@gmail.com. Please provide the complete affiliation details of the presenting author at the time of submission for the purpose of registration.

Registration Fees:

Research Scholars:Rs. 500/-

Delegates:Rs. 1000/- (Rs. 5000/- for industry delegates)

Registration fees includes abstract volume and meals during the seminar. Accommodation is not included in the Registration Fees. There is a range of accommodation available in Pondicherry. The list of hotels and their tariff would be notified in the second circular. Advance booking can be made on the request and after making full payment in advance.

Expected Sponsors:

UGC-SAP (University Grants Commission-Special Assistance Program)

SERB-DST (Science and Engineering Research Board-Department of Science and Technology)

MoES (Ministry of Earth Sciences)

CSIR (Council of Scientific and Industrial Research)

ONGC (Oil and Natural Gas Corporation Limited)

AMD (Atomic Minerals Directorate for Exploration and Research- Department of Atomic Energy)
NLC India Limited

Department of Earth Sciences

The Department of Earth Sciences at Pondicherry University was started in September 1994. The Department is being supported by UGC- Special Assistance Programme -Phase II. It is also supported by DST-FIST Programme. A National Facility for geochronology and isotope geosciences is housed in the Department. The Department strives to achieve academic excellence and to produce geoscientists with world class training. The Department offers:

- M.Sc. Applied Geology (2 year)
- Integrated M.Sc. Applied Geology (5 year)
- M. Tech. Exploration Geoscience (2 year)
- Ph.D. Earth Sciences

The Department has well equipped laboratories with sophisticated equipment to cater to the needs of practical course-work of M.Sc. students as well as for research. Major facilities available in the Department include- heating-freezing stage for fluid inclusion Analysis, Laser Particle Size Analyser, X-ray Powder Diffractometer, ICP-MS (Inductively Coupled Plasma- Mass Spectrometer), IRMS (Isotope Ratio Mass

Spectrometer) established as a central facility, Hydrology, Remote Sensing & GIS and Geophysics Laboratory.

Pondicherry University

Pondicherry University is a Central University established by an Act of Parliament in October 1985. It is an affiliating University with a jurisdiction spread over the Union Territory of Puducherry, Lakshwadeep and Andaman and Nicobar Islands. The University's motto is 'Vers la lumière' meaning 'towards the light'. The main campus is located at Kalapet, 10 km from the town of Puducherry, in a serene and beautiful campus of 800 acres adjoining the scenic Bay of Bengal. The University also has campuses at Karaikal and Port Blair which currently offer P.G. and Doctoral programmes. It has a state-of-the-art library facility and all the Schools and Departments house advance research and teaching facilities paving the way for the students to have student-friendly, result-oriented and academic environment with green ambience.

Puducherry (earlier called Pondicherry)

Puducherry is situated on the Coromandal coast, 160 km south of Chennai. It is now a growing city and the capital of the Union Territory bearing the same name. Puducherry, which attracted the

French to settle here two centuries ago still carries several marks of French culture and heritage. It is also the place where the national poet Shri Subramania Bharathi and Bharathidasan, a staunch disciple of Subramania Bharathi, wrote several of their masterpieces that fanned the flames of freedom and also enriched modern Tamil literature. Some of the other places worth seeing are Auroville, Beaches, Backwaters, Lake and Garden, Temples, Churches and Mosques, Heritage Buildings and Monuments. Puducherry Tourism provides detailed information in this regard.

Patron:

The Vice Chancellor, Pondicherry University

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