

Accommodation : Participants requiring accommodation should make specific request to enable the organizers to make necessary arrangements well in advance. Hotel tariff ranges from Rs. 800/- to Rs. 3,500/-per day.

Final confirmation for Participation : Delegates are requested to confirm their participation in the Seminar latest by **31st July, 2018** preferably by e-mail. This is necessary for planning the logistics of the Seminar. Further communications will be sent to those who respond to this circular.

Travel Support : Limited travel support may be provided to Research Scholars and Students depending upon the availability of funds. Those who are desirous of availing this may send their registration form duly forwarded by the Head of the Department/ Institution.

Sponsorship : Organisations, companies, manufacturers and suppliers are invited to take part in the Seminar by Sponsoring the event on the following categories.

SPONSORSHIP & PROMOTIONAL OPPORTUNITIES

Category	Sponsorship	Free Advertisement in Souvenir	Free Delegates / Registration
Diamond	₹ 2,00,000/-	Inside 1 Page Colour	5
Platinum	₹ 1,00,000/-	Inside 1 Page Colour	4
Gold	₹ 75,000/-	Inside 1 Page Colour	3
Silver	₹ 50,000/-	Inside 1 Page Colour	2
Bronze	₹ 25,000/-	Inside 1/2 Page Colour	1

Sponsoring	Delegate Kit	₹ 75,000/-	Inside 1 Page Colour	3
	Dinner	₹ 50,000/-	Inside 1 Page Colour	2
	Lunch	₹ 40,000/-	Inside 1 Page Colour	1
	High Tea	₹ 25,000/-	Inside 1/2 Page Colour	1

Advertisements : Advertisements are invited from the corporate sector, mineral and mining companies, organisations, manufacturers and suppliers of geological and geophysical equipments etc., to advertise their products and services in the Abstract Volume/ Souvenir latest by **15th August, 2018** on the following tariff :

ADVERTISEMENT IN THE SOUVENIR

Back Cover (Outside) Multi Colour	₹ 30,000/-	Front Cover (Inside) Multi Colour	₹ 20,000/-
Back Cover (Inside) Multi Colour	₹ 15,000/-	Full Page Multi Colour (Inside)	₹ 12,000/-
Inside Full Page (Black & White)	₹ 10,000/-	Inside Half Page (Black & White)	₹ 5,000/-

Exhibition : An exhibition-cum-display is planned to provide an opportunity to companies, organisations, manufacturers and suppliers of geological and geophysical equipments to display their products and services at a nominal amount of Rs. 30,000/-. Interested companies, organisations, manufacturers and suppliers are requested to write to the Convener before **15th August, 2018**.

IMPORTANT DATES

Submission of Registration form and Abstract(s)	: 10 th June, 2018
Acceptance of Abstracts for Presentation	: 20 th June, 2018
Submission of Full Paper(s) & Final Confirmation	: 31 st July, 2018
Receipt of Advertisements with Payment	: 15 th August, 2018
National Seminar	: 19-21 September, 2018
Annual General Meeting (AGM)	: 19 th September, 2018

ORGANISING COMMITTEE

Chief Patron	Prof. Dr. P. Kolandaivel , Vice-Chancellor, Periyar University
Patron	Dr. Harsh K. Gupta , President, Geological Society of India
Advisors	Dr. M. Manivannan , Registrar, Periyar University Shri. R. H. Sawkar and Dr. K.S. Godhavari Secretaries, Geological Society of India

Convener and Organising Secretary	Prof. Dr. R. Venkatachalapathy
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National Seminar on EFFECTS OF PALEO AND ANTHROPOGENIC EVENTS ON EARTH SYSTEM



and
**ANNUAL GENERAL MEETING (AGM)
OF GEOLOGICAL SOCIETY OF INDIA**

19-21 September, 2018



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Organised by

DEPARTMENT OF GEOLOGY
DST-FIST Sponsored
SCHOOL OF PHYSICAL SCIENCES
PERIYAR UNIVERSITY
(Reaccredited with 'A' grade by NAAC)
Salem - 636 011, Tamil Nadu, India

Invitation

Introduction : The Salem region of Tamil Nadu forms geologically a part of the Southern Granulite Terrain (SGT) falling in between the Fermor Line and the Moyar-Bhavani-Attur shear zone. High grade schist [Sargur (Salem?)] Group, migmatitic gneisses, charnockites, BMQs and ultramafics characterise the geology of the area, representing probably the deeper part of the Dharwar Craton. The district is well known for its mineral wealth and mining industry based on the magnesite /steatite / dunite, bauxite, crystalline limestone, quartz, feldspar and dimensional stone (granites and dolerites) occurrences. The Salem Steel Plant (SAIL), JSW Steel, Madras Aluminium Company (MALCO), SAIL Refractory Company Limited, Tamil Nadu Magnesites (TANMAG), Tata Refractories, Dalmia and Ramakrishna Magnesite and numerous dimensional stone industries have sprung up in the Salem area based on its mineral endowments.

University : The Periyar University was established at Salem on 17th September 1997 by the Government of Tamil Nadu. The University is named after the great social reformer E.V. Ramasamy, affectionately called ‘*Thanthai Periyar*’. It received Grade ‘A’ reaccreditation by the National Assessment and Accreditation Council (NAAC) and is emerging as one of the leading Universities of Tamil Nadu. The University aims at developing knowledge in various fields to realise the maxim inscribed in the logo “Arival Vilayum Ulagu” (Wisdom Maketh World). The University Campus is located on the National Highway (NH-7, towards Bangalore), about 8 Km from the New Bus Stand in Salem.

Department : The Department of Geology was started in 1984 by Madras University as a PG Extension Centre at Salem. In 1997, when the Periyar University was established, the then existing Department of Geology was merged with the University. It has since evolved as one of the premier departments of the Periyar University with seven faculty members specialised in different branches of Geology. The Department is offering M.Sc. in Applied Geology, M.Phil. and Ph.D. programmes.

Salem : Salem District is noted for its ancient culture dating back to the Chera Kingdom of Kongu Nadu. The name Salem is derived from the Sanskrit word SAILAM-denoting an area surrounded by hills. The Salem town is situated at the base of the renowned tourist destination of Yercaud hills (part of the Shevaroy ranges) and is surrounded by an amphitheatre of hills: the Nagaramalai in the north, the Jarugumalai in the south, the Kanjamalai on the west and Godumalai in the east. Hogenakkal falls, Kolli hills, Tharamangalam temple and Mettur dam are the other important tourist centres around Salem. Salem is famous for its mangoes, stainless steel, silver jewellery and sago. Salem is well connected with the metros of Chennai and Bangalore and rest of India by road (NH-7 & NH-68) and also by rail. The nearby airports are Bangalore (200 Km), Coimbatore (160 Km), Trichy (170 Km) and Chennai (340 Km). Salem Airport may soon become operational by smaller ATR aircrafts from Chennai and Bangalore. The city enjoys pleasant weather conditions during the month of September with the maximum and minimum average temperatures ranging from 33°C and 23°C respectively.

Geological Society of India : The Geological Society of India was established on 28th May, 1958 with Bangalore as Headquarters to promote the cause of advanced studies and research in all branches of Earth System Sciences. The Journal of the Geological Society of India (a monthly scientific publication) founded and nurtured

by a galaxy of distinguished earth scientists of the country is its flagship publication of international standard encompassing all branches of Geological Sciences. In addition, the Society also brings out Special Publications, Memoirs, Field-Guides, Text Books and Popular Science publications. The Geological Society of India has shouldered the responsibility of bringing out the Journal of the International Union of Geological Sciences (IUGS) - Episodes, during the period 2009-2016.

The Society also organises from time to time national as well as international Seminars/Symposia/Workshops on topics of current geological interest. The 10th International Kimberlite Conference held at Bangalore in February 2012 with over 300 participants from all over the world is one such example. Short Courses for professional geologists offered by national and international experts are also organized by the Society from time to time. The Geological Society of India has on behalf of Ministry of Earth Sciences (MoES), undertakes the responsibility of participation of Indian school children in the International Earth Science Olympiads (IESO) held at different countries each year. The 7th IESO was successfully organised by the Society at Mysore, India in September 2013.

About the Seminar : The National Seminar on Effects of Paleo- and Anthropogenic Events on Earth System has been planned to highlight the evolving and dynamic nature of the Earth involving geological, extra-terrestrial and more recently anthropogenic factors. This was evident in the geological past through changes in coastal geomorphology by marine transgressions and regressions, boundary events characterised by mass extinctions due to catastrophic events like impacts, volcanism, anoxic events and major climate changes as evidenced by glacial and warmer periods.

After the advent of the humans on the Earth and with the progress of the civilisation, an exponential increase in the exploitation of natural resources has taken place often ignoring sustainability issues and the impact on environment. The consequences have been all too well-known. Over-exploitation of groundwater, deforestation, haphazard mining and agricultural practices have had severe impacts on global ecosystems. Pollution levels have reached an all time maximum, more so in rapidly developing societies like ours. A holistic approach is required for urgent remedial measures, where social and economic factors also play important roles. The role of science and new technologies occupies paramount importance in mitigating the present scenario. The seminar, it is hoped will provide a forum for wide-ranging discussions on all the relevant issues from the Earth Science perspective with special focus on the following themes:

- THEMES
- Marine Transgression and Regression
 - Coastal Geomorphology
 - Boundary Events
 - Mass Extinctions
 - Anoxic Events
 - Climate Change
 - Sustainable Development of Mining and Industry
 - Overexploitation of Groundwater
 - Ecosystem and Pollution
 - Agriculture and Deforestation

Call for Papers : Research papers/ case studies/ reviews pertaining to the themes of the seminar are invited from professionals, academicians, scientists and research scholars working in various fields of geological sciences and allied disciplines on the theme of the Seminar. The official language of the Seminar is English. The contributions must be original and the abstracts should be clearly presented with full title, name of author(s), affiliation(s), address and e-mail. Abstracts (~500 words)/ Extended Abstracts (<2000 words), in Times New Roman Font of size 12, may be submitted through the website www.epaevents2018salem.com and also by email to epaevents2018salem@gmail.com followed by submission of a hard copy and along with Registration form to the Convener on or before **June 10, 2018**.

Poster Presentation : Abstracts will also be accepted under poster presentation category (Size 1m × 1m).

Full Paper : On acceptance of the abstract(s), the authors may be requested to submit full papers in the format of the Journal of the Geological Society of India through e-mail and a soft copy of it in CD along with a hard copy along with Registration form to the Convener on or before **31st July, 2018**. Peer reviewed papers are to be published as a Special publication of the Geological Society of India.

Registration Fee : The delegates are requested to register themselves in advance to enable the Organising Committee to plan for logistic support. The registration fee can be paid through electronic transfer in current A/c no. 8450101006431, Canara Bank, Periyar University, Salem-636011, Tamil Nadu, IFSC code: CNRB0008450 and MICR Code: 636015024; Branch Code: 008450 or through Demand Draft in favour of the “Convener, EPAEVENTS2018SALEM”, payable at Salem, Tamil Nadu.

Registration Fee

Category		Registration	
		(Early bird - Up to 31 st July, 2018)	on spot
Delegates	Industry / Company	₹ 3000	₹ 4000
	Indian	₹ 2000	₹ 2500
	Foreign	US \$ 100	US \$ 150
Research Scholars / PG Students		₹ 1500	₹ 2000
Accompanying persons		₹ 1000	₹ 1000
Field Trip	Indian Delegates	₹ 1500	₹ 1800
	Foreign Delegates	US \$ 50	US \$ 60

Field Trip : A Geological Field trip is planned to be conducted on the third day of the seminar (21st September, 2018) to Bauxite and Granite mines at Yercaud. Post-Seminar field trips can also be arranged to visit Magnesite mines, Kanjamalai iron ore and Sittampundi anorthosite complex areas and also Cretaceous exposures near Perambalur and Ariyalur regions subject to the interest of adequate number of participants with additional payment. Interested participants are requested to write to the Convener, EPAEVENTS2018SALEM while sending the Registration form.

Pre-Conference Workshop : A Pre-Conference Workshop is planned on the “Recent developments in Mining and Exploration Geology” for the benefit of young scholars and students. Separate announcement will be made later.