

Programme Schedule

09.00 a.m. - 09.30 a.m. Registration
09.30 a.m. - 10.00 a.m. Welcome and Inauguration
10.00 a.m. - 11.15 a.m. **Session I – Soil composition and vegetation**
11.15 a.m. - 11.30 a.m. Tea Break
11.30 a.m. - 12.45 p.m. **Session II – Climate change and its impact on soil quality**
12.45 p.m. - 01.30 p.m. Papers/posters/demonstration
01.30 p.m. - 02.15 p.m. Lunch Break
02.15 p.m. - 03.30 p.m. **Session III – Multiple role of soil**
03.15 p.m. - 04.30 p.m. Papers/posters/demonstration
04.30 p.m. - 05.30 p.m. Valedictory function

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DR. K.M. Vasudevan Pillai

Chairman & CEO, MES

DR. (Mrs.) Daphne Pillai

Secretary, MES

DR. Priam Pillai

COO, MES

Mr. Franav Pillai

Deputy CEO, MES

Seminar Advisor

DR. Sally Enos

Principal, PCER-Panvel

Organizing Secretary

Asst. Prof. Mrs. Geeta S. Thakur (9892445431)

email-geetagusain@yahoo.com

Coordinating Committee

DR. T. A. James	Ms. Sally George
DR. Pratima Pradhan	DR. Latha Venkataraman
DR. Geeta R. Thakur	Ms. Bhavna Dave
Ms. Namrata Saxena	Ms. Bindu Tambe
Ms. Alpana Sharma	Ms. Pradnya Jadhav

Book Post

To,
The Principal

From,
The Principal
Pillai College of Education & Research
Near Mahatma School, Khanda Colony,
Sector 8, New Panvel (W)



Mahatma Education Society's

**PILLAI COLLEGE OF EDUCATION
& RESEARCH, NEW PANVEL**

(Affiliated to the University of Mumbai)

Organizes

National Level Seminar

On

ENVIRONMENTAL RE-ENGINEERING:

SERIES-6

Year of Soils



21st November, 2015

Venue:

MES' Pillai College of Education and Research,

Sector 8, Khanda Colony, New Panvel (W) -410206

Tel No: (022)- 27464161, 27480289

Website: www.pcerpanvel.ac.in

Organizing Secretary

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About The College

Mahatma Education Society is an enviable, triumphant educational enterprise established in 1970 which exemplifies quality education through its 48 educational institutions spread across Mumbai, Navi Mumbai and Rasayani. With the mission 'Education for all', our Chairman and CEO, DR. K. M. Vasudevan Pillai and Secretary, DR. Daphne Pillai has ensured the transmission of excellence in education from KG to PG. DR. Pillai believes in the holistic development of the students and the institutions relentlessly strive toward empowering the students to become key contributors to the community. One such part of MES is Pillai College of Education and Research (PCER) at New Panvel, affiliated to the University of Mumbai and approved by the NCTE, established in the year 2007. The institution offers full time B.Ed. and M.Ed. programmes, is a recognized Ph.D. centre and a PCP centre for M.A. (Edu.) IDOL, Mumbai University. The institution is situated amidst tranquil residential housing societies and provides a sound, conducive learning environment to the student teachers. The serene environment and proximity of the institution to the nearest road and rail services serve as an added advantage. PCER is designed with a futuristic outlook and boasts of well equipped state – of – the – art technology. The institution works steadily towards its mission “To promote purposive education through globalization of mind with societal insight, using education for value transmission to facilitate the student teachers to perform effectively different roles as a teacher in the present society.”

About The Theme Of The Seminar

Environmental Re-engineering - YEAR OF SOILS

Soil is a major support system of human life. Life evolves from the soil and it will perish in the soil, it is a source and a destination for all. It heals, restores and resurrects life. Charles E. Kellogg rightly states, “There can be no life without soil and no soil without life; they have evolved together.” The establishment of any civilization, the manifestation of cultural evolution is built upon the foundation of agricultural productiveness which is dependent on soil. Undue pressure exerted by the developing civilization on the soil has left an unhealed lesion on nature. A nation that destroys its soils destroys itself and if we lose soil we lose the means to feed ourselves. Therefore the United Nations

General Assembly has designated the year 2015 as the International Year of Soils. Thinking in line with the above view, Pillai College of Education & Research, Panvel has dedicated the next seminar on Environmental Reengineering Series 6 to this cause. The theme of PCER's national level seminar is “Year of Soils.” It is being conducted in line with the objectives given by the United Nations.

Objectives Of The Seminar

- ⌘ To create awareness about the profound importance of soil for human life.
- ⌘ To understand the chemical and physical composition of soil.
- ⌘ To create an awareness of the impact of soil composition on vegetation and vice versa.
- ⌘ To develop an understanding of the crucial role soil plays in climate change adaptation and mitigation.
- ⌘ To analyze the relationship between climate change and soil quality.
- ⌘ To create awareness about the multiple roles of soil.

Core Areas:

Sub-Theme I – Soil composition and vegetation

Soil is a miniature world in itself; it hosts one quarter of the whole of biodiversity. There is an inter relationship between minerals, chemicals and life that make up the soil. Soil constitutes the foundation of vegetation while vegetation plays a crucial role in the formation of soil. The nutrients from the soil ensure healthy growth of vegetation. Hence, there is a need to understand the physical and chemical properties of soil and their importance for plant nutrition and growth. We invite papers/posters/demonstrations which focus on the importance of healthy soil, relationship between soil composition and vegetation.

Sub-Theme II – Climate change and its impact on soil quality

Climate change has brought about a change in the global rainfall amount and distribution pattern. Since temperature and water are the two factors that influence the processes that take place in soil, climate change causes changes in the world's soil. Healthy soil helps us to combat and adapt to climate change by playing a

key role in the carbon cycle. We invite papers/posters /demonstrations focusing on the cause-effect relationship between climate change and soil quality.

Sub-Theme III – Multiple roles of soil

The multiple roles of soil often go unnoticed. Our lives depend on soil and we transform it into products that make our lives easier, healthier and beautiful. Apart from agriculture, soil plays a central role not only in architecture, pottery, medicine, cosmetics, rituals, creative art, but also in education. Soil plays a crucial role in the healthy development of every child. Likewise soil may hold many more as yet undiscovered applications. This session aims to unfold the multifaceted role played by soil in various areas in the form of papers/posters/demonstration.

Important Dates:

For abstract submission (not more than 200 words)
17th October, 2015

For full paper submission (1500 words) **26th October, 2015**

Essentials For Paper Presentation:

- ❑ Papers/posters/demonstrations are invited on the above sub themes. They can be conceptual/practical oriented /experiential/research based.
- ❑ Contributors should send the abstract and full paper via e-mail only as per the dates given above to pcerseminar@mes.ac.in OR geetagusain@yahoo.com.
- ❑ Papers by post will not be accepted.
- ❑ Registration form is attached.
- ❑ Paper should be typed in MS Word in A4 size
- ❑ Title of the paper: Bold and centre (Font size:14)
- ❑ Contributor: Name, designation, institutional address, email ID and mobile no.(On the right corner below title)
- ❑ Alignment: Justified; Line spacing: 1.5; Margin: 1” Top, 1” Bottom, 1.25” Left, 1” Right.
- ❑ Font and font size: Times New Roman (English) - 12, Kruti dev (Marathi/Hindi - text-14 and title-16)
- ❑ References: APA style

All papers will be scrutinized and participants will be notified accordingly.

Reviewed and selected papers will be published in the seminar proceedings with ISBN

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ENVIRONMENTAL RE-ENGINEERING: SERIES-6

Year of Soils

21st November, 2015

Registration form

Name: _____

Designation: _____

Institution: _____

Address for Correspondence: _____

Tel: _____ Mobile: _____

E-mail: _____

Sub Theme: _____

Title of the Paper: _____

Signature of the Delegate: _____

Details of the Draft enclosed:

Demand Draft No.: _____

Dated _____ Amount _____

Drawn on bank/branch _____

Registration details:

Rs. 1,100/(For Paper Presenters with ISBN book)

Rs. 650/-(For Teacher participants only)

Rs. 350/-(For Student participants only)

Rs. 1500/-(For outstation participants)

- ☐ Fee should be paid in the form of Demand draft in favour of Pillai College of Education and Research, payable at Panvel.
- ☐ Participants are requested to make their own travel arrangements and the outstation participants can avail of the accommodation facility with prior intimation.
- ☐ The nearest railway station is Khandeshwar, on the harbour line.
- ☐ TA/DA will not be provided.