

ONE DAY
STATE LEVEL SEMINAR
ON

**NANOBIOTECHNOLOGY &
NUTRACEUTICALS IN
HEALTH & DISEASE MANAGEMENT**

REGISTRATION FORM

Name: _____

Designation: _____

Department: _____

College: _____

Contact No.: _____

E-mail: _____

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Amount Recieved: _____

Signature of Reciever: _____

Date: _____

ADVISORY COMMITTEE

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(Founder, Secretary & C.E.O)

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(Principal)

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(Deputy C.E.O - MES)

Dr. P. S. Goyal
(Dean - R&D)

ORGANIZING COMMITTEE

Convener: Mr. Gopakumar Pillai

Committee members

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Mrs. Bindu Rajaguru

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Mrs. Aparna Sagare



ONE DAY
STATE LEVEL SEMINAR
ON

**NANOBIOTECHNOLOGY &
NUTRACEUTICALS IN
HEALTH & DISEASE
MANAGEMENT**



Organised By

**Department Of Biotechnology
And
Biotechnology Association**

19th January, 2016

Venue:

Conclave, Dr. K. M. Vasudevan Pillai's Campus,
Sector-16, New Panvel - 410206

Website: www.pcacs.ac.in

ABOUT THE COLLEGE

Pillai College of Arts, Commerce and Science was established in 1998 by Dr. K. M. Vasudevan Pillai whose vision was to provide students of Navi Mumbai with quality education in a high-tech atmosphere. It started off with just a handful of students, but today it has grown to a full-fledged Bachelors and Masters Degree College with over two thousand five hundred students on its roll and eleven disciplines, i.e. B.Com. (Regular), B.Com. (Accounting and Finance), B.Com. (Financial Markets), B.M.S., B.M.M., B.Sc. (Computer Science), B.Sc. (Information Technology), B.Sc. (Biotechnology), M.Sc. (Information Technology), M.Sc. (Biotechnology) and M.Com. (Accountancy). It is situated in a 10 acre land surrounded by natural beauty and supported by the best infrastructure facilities, a state-of-the-art conference room, well-equipped computer labs and well-stocked libraries. The College was reaccruited 'A' Grade by the National Assessment and Accreditation Council (NAAC) in the year 2011.

ABOUT THE DEPARTMENT

Department of Biotechnology was established in 2004 and offers B.Sc. and M.Sc. programs in Biotechnology. The department has grown rapidly over the last few years as a result of its consistent efforts and regular updations. It prides itself on its three dedicated working labs for the undergraduate and post-graduate programs. The department also has a state-of-the-art instrumentation room and well maintained plant and animal tissue culture laboratories. The Department aims to increase its research output by ensuring active participation by staff and students in the various research projects initiated independently as well as collaboration projects with it's sister institute, Pillai Institute of Information Technology situated in the same campus

ABOUT THE SEMINAR

The burgeoning new field of nanobiotechnology and nutraceuticals opened up by rapid advances in science and technology, creates myriad new opportunities for advancing medical science and disease prevention and treatment in human health care.

Nanobiotechnology is a young and rapidly evolving field of research at the crossroads of biotechnology and nanoscience, two interdisciplinary areas each of which combines advances in science and engineering. Applications of nanotechnology to medicine and physiology imply materials and devices designed to interact with the body at subcellular (i.e., molecular) scales with a high degree of specificity. This can be potentially translated into targeted cellular and tissue-specific clinical applications designed to achieve maximal therapeutic efficacy with minimal side effects. Nanotechnology has the potential to make a significant impact on healthcare by delivering step-changes in disease diagnosis and monitoring, implants and regenerative medicine, drug delivery, as well as research tools for drug discovery and biomedical science.

Nutraceuticals are products derived from food sources that are purported to provide extra health benefits, in addition to the basic nutritional value found in foods. The food products used as nutraceuticals can be categorized as dietary fibre, prebiotics, probiotics, polyunsaturated fatty acids, antioxidants and other different types of herbal/ natural foods. These products claim to prevent chronic diseases, improve health, delay the aging process, increase life expectancy, or support the structure or function support the structure or function of the body. Nutraceutical has lead to the new era of medicine and health, in which the food industry has become a research oriented sector.

While both are in its infancy, bionanotechnology and nutraceuticals may contribute immensely in future towards advancement of the healthcare sector.

This seminar would provide a platform for the students, academicians and scientists to engage in an informed debate on the public value, ethics and applications of nanobiotechnology and nutraceuticals in healthcare. The speakers from Academic institutes, National Laboratories and Industries will give a nuanced, fact-based assessment of health-promoting effects of nutraceuticals and the potential of nanobiotechnology and nutraceuticals in developing effective health care technology

PROGRAM SCHEDULE

08:30 am	Registration and Breakfast
09:30 am	Inauguration
10:00 am	Keynote Address
10:30 - 1:00 pm	Session I
01:00 - 2:00 pm	Lunch break
02:00 - 4:00 pm	Session II
04:15 pm	Valedictory function
04:30 pm	Vote of Thanks

Registration Fees

Students - Rs.200 per delegate
Teachers - Rs.300 per delegate

Last Date of Registration: 16th January, 2016

Contact

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