



The Current team of Researchers

Dr J G Ray (Professor & Coordinator NIPST)

Dr N Valsalakumar (Assistant Coordinator)

Research Scholars: Mr Santhoshkumar K (Algal biomass & algal oil), Mr Prasanthkumar S (Algal Pharmaceuticals), Ms Chandana C (Phytoremediation), Mr Nidheesh KS (Mycorrhiza and bio-fertilizers), Ms Soumya Krish (Phytosynthesis, characterization and application of nanoparticles).

EXECUTIVE COMMITTEE OF THE NIPST

Vice Chancellor

Dr. Sheena Shukoor

Syndicate Member

Sri. P K Firoz

External Expert (Principal Scientist, CTCRI)

Dr. Byju G

Professor & Director, IIRBS

Dr. I Ibnusaud

Registrar

Sri. M R Unni

Finance Officer

Sri. Abraham J. Puthumana

Coordinator (Professor & Director)

Dr. J G Ray



National Institute of Plant Science Technology (NIPST)



Mahatma Gandhi University
Kottayam, Kerala
(B Accreditation by NAAC)

Priyadarshini Hills P.O.,
Kottayam - 686 560, Kerala, India
Tel: 0481- 2731050, 2731065,
0481-27310 35, 9446119626
Fax- 91-481- 2731009, 2731011.
jgray@mgu.ac.in
www.mguniversity.edu

Wild Thoughts: 0481 2576959



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Kottayam, Kerala



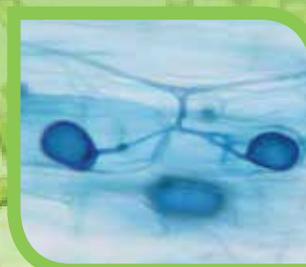
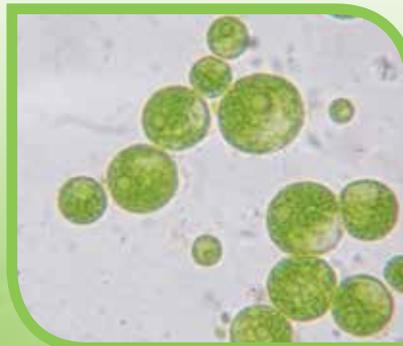
About NIPST

The National Institute of Plant Science Technology (NIPST) established in the Mahatma Gandhi University campus is the first of its kind in a State university Campus in India. This is to provide a model national level facility for learning and research in Plant Science in the ambience of a State University so that students here experience, enjoy and achieve high competence in the arena of plant science and allied Eco-technologies. The Institute focus in instilling an inspiration and work culture in students to learn and do research simultaneously with a noble goal of attaining international competence towards national prosperity.

The NIPST will be pursuing research in interdisciplinary areas of 'Plants and their Environment Relations' towards developing 'Plant-based Eco-technologies'. Our educational programmes will enable students to develop a technology in the area during their research focusing entrepreneurship.

Keeping pace with the very rapidly changing trends of research in Biosciences, the Plant science Institute intends to reduce the borders of traditional knowledge and technological advancements. Significant areas of research in the NIPST will include technologies for sustainable agricultural, phyto-medicinal, bio-fuel, eco-remediation and

the similar eco-friendly projects. In addition to the research laboratories in the Institute, we will also have a medicinal garden, field experimental station, regional herbarium and museum of the soil and plant resources of the Western Ghats. Research on oil-yielding algae, biomass-productivity, chemical characterization of algal oil, algal bio-fuels, algal enzymes and nutraceuticals, hyper accumulator plants and phytoremediation, phytomedicines, phytosynthesis of nanoparticles and its applications, and mycorrhizal biofertilizers are the major thrust areas currently going on in the Institute.



VISION

Bringing science and technology in a single platform, achieving international competence in learning and research of plant science, motivating entrepreneurship in the learners for defining career to many viewing the economic prosperity to the Nation.

MISSION

Offering world class research oriented programmes with cutting edge facilities for attracting the talented young of the country providing broad foundation in science, empowering them to explore the rich plant wealth of the nation for research towards plant based eco-technologies with focus on valuable plants and conservation of plant resources leading to entrepreneurship and economic prosperity of the nation.



Our Motto

"The wise sees knowledge and action as one."