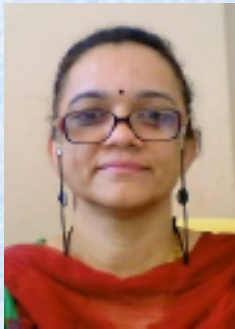




# 2017年度 物質生命理工学科コロキウム

上智大学 理工学部 物質生命理工学科 主催  
理工学部・理工学振興会 共催

## PTERIDOPHYTES AN INTRIGUING GROUP OF PLANTS



### 講師 Prof. Smitha Hegde

Nitte University Center for Science Education and Research,  
Mangalore, India

日時：2017年7月19日（水） 18:30-19:30

場所：6-502

Pteridophytes exhibit awesome and incredible diversities in distribution, habitat, morphology, cytology, anatomy, reproduction and chemical composition. The Pteridophyte system is simple and easy to manipulate. Their genome is very plastic. They have been long known as sources of Medicine. Many ailments and diseases are supposedly treatable by a variety of Pteridophytes and they are also believed to be useful for strengthening the blood, urinary system and bowels. Pteridophyte studies are very limited globally.

Extant Pteridophytes are the result of thousands of years of Natural Selection and Evolution.

They are often good climate-indicators with precise ecological requirements and represent different phyto-geographical elements. They find use in phytoremediation and several other biotechnological applications. The presentation will be on season independent system of *in-vitro* propagation for natural biomedicines, DNA barcoding, phytoremediation and abiotic stress tolerance in ferns.

学外の方の聴講歓迎・申込不要・参加無料

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