

Faculty of Mathematical & Physical Sciences

The Faculty of Mathematical & Physical Sciences offers Undergraduate Programmes leading to B.Sc. (Hons) Chemistry, Physics, Mathematics, Statistics, Computer Science and Electronics. FMPS also offers postgraduate Programmes leading to M.Sc. degree in Physics, Chemistry and Mathematics. FMPS offers Ph.D. degree in Physics, Chemistry and Mathematics

Departments of Chemistry Organize a Guest Lecture on

Applications of Biodegradable Materials to Fight Plastic Pollution



Dr. François Toucheleume
Scientist
Institut Agro Montpellier,
France

Abstract: The recent pandemic situation has reminded us of the many advantages of plastic objects in everyday life and the number of lives saved thanks to plastic materials are countless. Nevertheless, this should not mask the environmental devastation caused by the mismanagement of waste and especially polymer materials. Moreover, the very long life span of those materials is often inconsistent with the real duration of use of the corresponding objects, which leads to very long-term pollution. For certain applications, the replacement of usual polymeric materials (PE, PP, PVC, PS...) by biodegradable equivalents can be beneficial for the environment as well as for the targeted performances.

During the proposed seminar, several research works will be presented whose applications concern food packaging, agriculture as well as construction, fields which are the biggest consumers of plastic materials.

Date: 23/ 08/2022 Time: 02.30 pm to 4.30 pm

Venue: A206, Ramaiah Technology Campus, Peenya

Please join the meeting from your computer, tablet or smartphone

[Click here to join the meeting](#)

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