Title: Commissioning of a Controlled Strain Rheometer Equipment for Characterisation of Polymers, Pre-pregs and Composites.

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Abstract: Controlled strain-rheometer equipment (AERES–RDA) to characterise the viso-elastic and dynamic mechanical behaviour of polymers, prepregs and composites was successfully commissioned by the TA instruments representatives. Acceptance tests conducted on the above said materials, satisfactorily demonstrated the performance of the equipment. Further, scientists of FRP division were trained on the equipment for its operation and maintenance to start with.