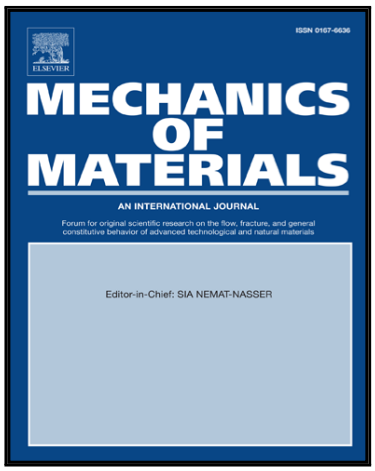

In-situ elevated temperature flexural and creep response of inter-ply glass/carbon hybrid FRP composites

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PII: S0167-6636(16)30221-6
DOI: 10.1016/j.mechmat.2016.11.013
Reference: MECMAT 2678

To appear in: *Mechanics of Materials*

Received date: 12 August 2016
Revised date: 2 November 2016
Accepted date: 30 November 2016

Please cite this article as: Dinesh Kumar Rathore , Rajesh Kumar Prusty , Sarat Chandra Mohanty , Bhanu Pratap Singh , Bankim Chandra Ray , In-situ elevated temperature flexural and creep response of inter-ply glass/carbon hybrid FRP composites, *Mechanics of Materials* (2016), doi: 10.1016/j.mechmat.2016.11.013

Highlights:

- The flexural strength (FS) of $C_2G_3C_2$ is 83% higher than G_7, when tested at RT.
- Lowering in FS with higher T is more for FRP with higher carbon content.
- The onset of glass transition was delayed with increase in hybrid ratio.
- C_7 exhibits a lower ε_{inst} and higher ε_{time} over G_7 at higher T.
- At 110 °C, Creep resistance is superior in C_2G_5/G_5C_2 than both G_7 and C_7.