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the spacecraft And
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coursework, this module gives the students an understanding of the issues that have to be addressed in the design and analysis of spacecraft structures and mechanism.

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engineers, its themes
are good for:

ensuring a successful
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Mechanisms involves all activities connected to the launcher and satellite structure and the moving parts associated with it. The structure provides a strong supporting framework to house payloads, instruments and satellite subsystems,

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Especially through the stresses of launch. Moving mechanisms attached to the rigid structure are crucial to mission success.

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learning and
teaching strategy is
designed to achieve
the following aims..

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students with an
overview of the
issues that need to be
addressed in the
design of spacecraft
structures and
mechanisms., giving
them an appreciation

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and understanding of
the development of
the whole spacecraft
structural design
process

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skills is not allowed.

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Engineering And

Mechanical
engineering for the
design of the

spacecraft structures
and mechanisms, as
well as the selection
of materials for use in
vacuum. These

include beams,
panels, and
deployable
appendages or
separation devices

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(to separate from the
launch vehicle).

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