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~~Strings, Beams,~~

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response.
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discussed
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on the dynamic
behaviour and
failure
behaviour ...

The mechanical
laboratory has a
large vibration
table (payload
till 1500 kg), a
drop tower (drop

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weight till

12.000 kg)

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modeling

research was

motivated by the
need to define a
reference

vibration

signature space.

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anticipated,
this is now
serving as a
unique test bed
for calibration
and . . .

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On successful completion of this module, students will be able to perform calculation and analyse vibration response of single-degree-of-

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i-degree-of-
freedom systems
and apply simple

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provide a relatively simple introduction to the quite challenging topic of nonlinear vibrations.

Thus, despite their limited relevance to engineering structures in

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general,...

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have been

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different...
(acceleration)
and dynamics
(forces,
moments) of the
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geometry is the
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arising from
nonlinearity,
uncertainty and
multi-

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in areas such as
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focused on
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Turbine Market

is Expected to

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structural

dynamics, dig

deeper into

building code

... Additional

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