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Project Status.	: END WITHOUT FINAL REPORT

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CRG 23.0 : STRUCTURAL HEALTH MONITORING FOR EARTHQUAKE EFFECTS ON STRUCTURES
Registration Proposal No :
Title :
CRG 23.3 : STRUCTURAL VULNERABILITY AND RISK ANALYSIS OF OFFSHORE STRUCTURE
Start Date :
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2 years 6 months 0 days
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Grant Category :
External Grant
RMK :
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EXECUTIVE SUMMARY

Currently Structural Health Monitoring has received attention due to the arising of structural safety issue specifically seismic activity. Ironically having a monitoring system does not serve the actual purpose of Structural Health Monitoring. Analysis based on previous data considering current seismic activity with an in depth of Finite Element Analysis could provide better insight regarding the Damage Level of a structure. Furthermore, existing systems are connected through wired cable, which will incur cost due to installation and are not reliable during seismic activity data collection. Development of wireless sensor will help in solving the issues.