SRINIVASAN CHANDRASEKARAN

Current position: Professor - Higher Academic Grade (HAG)
Field of specialization: Structural Engineering
Dept of Ocean Engineering, IIT Madras
Chennai 600 036, INDIA
Email: drsekaran@iitm.ac.in
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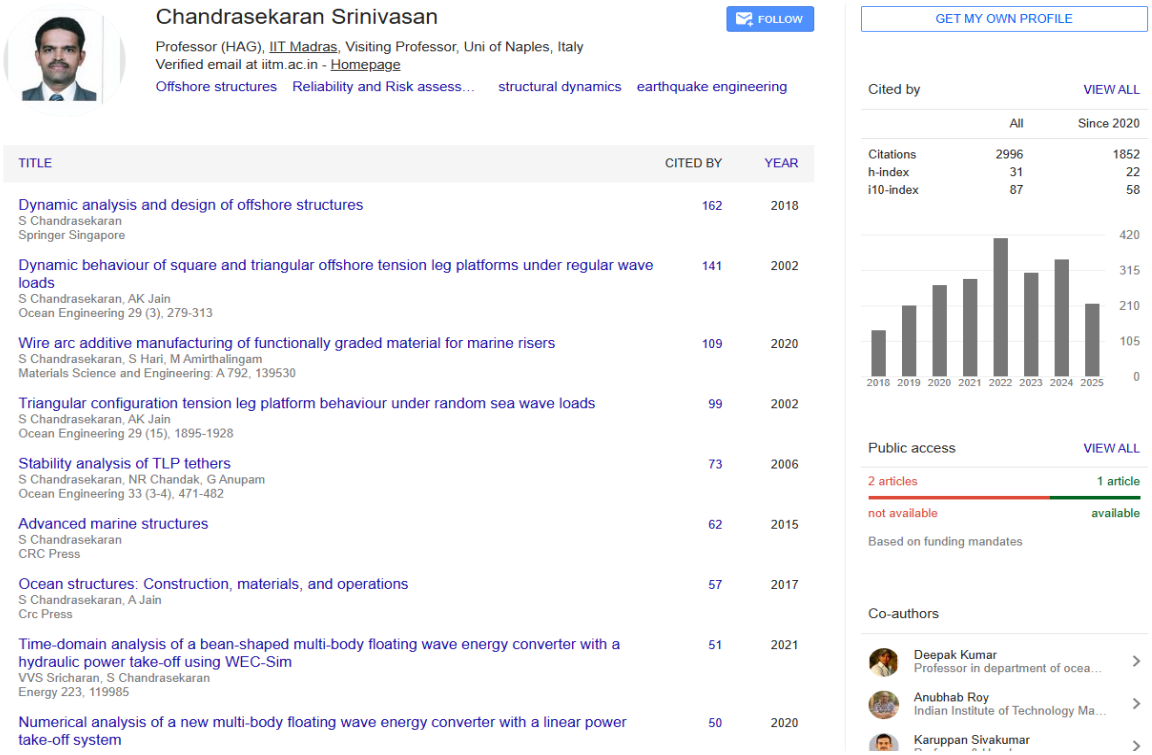
Tel: +91-044-22574821; Mobile" 9444583179
Date of birth: 27th October 1964

Publications and research statistics

https://scholar.google.co.in/citations?user=LsBjvFEAAAAJ&hl=en
Total citations: 2996
h-index: 31; i10 index: 87



Chandrasekaran Srinivasan

FOLLOW

Professor (HAG), IIT Madras, Visiting Professor, Uni of Naples, Italy
Verified email at iitm.ac.in - Homepage
Offshore structures Reliability and Risk assess... structural dynamics earthquake engineering

TITLE	CITED BY	YEAR
Dynamic analysis and design of offshore structures S Chandrasekaran Springer Singapore	162	2018
Dynamic behaviour of square and triangular offshore tension leg platforms under regular wave loads S Chandrasekaran, AK Jain Ocean Engineering 29 (3), 279-313	141	2002
Wire arc additive manufacturing of functionally graded material for marine risers S Chandrasekaran, S Hari, M Amirthalingam Materials Science and Engineering: A 792, 139530	109	2020
Triangular configuration tension leg platform behaviour under random sea wave loads S Chandrasekaran, AK Jain Ocean Engineering 29 (15), 1895-1928	99	2002
Stability analysis of TLP tethers S Chandrasekaran, NR Chandak, G Anupam Ocean Engineering 33 (3-4), 471-482	73	2006
Advanced marine structures S Chandrasekaran CRC Press	62	2015
Ocean structures: Construction, materials, and operations S Chandrasekaran, A Jain Crc Press	57	2017
Time-domain analysis of a bean-shaped multi-body floating wave energy converter with a hydraulic power take-off using WEC-Sim VVS Sricharan, S Chandrasekaran Energy 223, 119985	51	2021
Numerical analysis of a new multi-body floating wave energy converter with a linear power take-off system	50	2020

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Citations	2996	1852
h-index	31	22
i10-index	87	58

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2 articles not available
1 article available

Based on funding mandates

Co-authors

Deepak Kumar
Professor in department of ocea...

Anubhab Roy
Indian Institute of Technology Ma...

Karuppan Sivakumar

- Indexed in the top 2% of world-leading scientists by a survey conducted by Stanford and Elsevier.
  https://www.adscientificindex.com/top-100-scientist/?s=200&q=iit+madras
  (Pl see page 3 at serial number 2)
- Ranked as top 2% in the world by another independent survey conducted by Elsevier. https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/4
  (My name can be searched in Table 1 as Chandrasekaran)

- Conferred Best Reviewer award by the Korean Society of Steel structures for the International Journal of steel structures.
- Conferred Best Teacher Award, 2022, by IIT Madras for excellence in teaching and research

Publication Summary

- Textbooks authored: TWENTY FOUR
- Textbooks edited: FOUR
- Research papers published in Refereed journals: ONE HUNDRED SIX
- Research papers published in Refereed conferences: NINETY-FIVE
- PhD thesis guided: TWENTY-THREE (currently in progress: FIVE)
- M.S (by Research) guided: FOURTEEN

Google scholar: https://scholar.google.co.in/citations?user=LsBjvFEAAAAJ&hl=en

Web of Science Researcher ID: ABC-9313-2020

Scopus ID: 7102443413

Orcid Id: 0000-0001-8346-5724

Education

Post Doctorate (Structural and Earthquake Engineering): 2007 to 2009

University of Naples Federico II, Naples, Italy/ Earthquake Engineering

Ph.D (Structural engineering): 1999

Indian Institute of Technology, Delhi- Specialization in Structural Engineering

M.Tech (Structural Engineering): 1995

Indian Institute of Technology, Delhi- Specialization in Structural Engineering

B.E (Civil Engineering with distinction): 1991

University Rank Holder, Bharathiyar University, Coimbatore, India

Areas of Specialization

Offshore compliant structures

Structural Dynamics and Earthquake Engineering

Seismic evaluation and retrofitting of buildings and offshore structures

Risk and Reliability of offshore structures

Structural health monitoring using wireless sensor networking

Design and development of wave energy devices

Health, Safety, and environmental management for offshore and petroleum engineering

Academic positions

Visiting Professor (Structural Engg), Dept of Structural Engg., University of Naples Federico II, Naples, Italy (09/2023 till 12/2023

Visiting Professor, Int. Maritime Studies, Dept. of Maritime Engg., Kesarsat University, Siricha Campus, Thailand (01/2024 till 04/2024).

Professor (HAG) Dept. of Ocean Engg., Indian Institute of Technology Madras, India since 07/2014
Teaching, Industrial consultancy and sponsored research, Member- Board of Acad Res, Member- Health and Safety Comm.,

Associate Professor, Dept. of Ocean Engg, Indian Institute of Technology Madras, INDIA (from 08/2009 to 07/2014)
Teaching and Research, Industrial consultancy

Reader (Structural Engg), Dept of Civil Engg, Institute of Technology, BHU, INDIA:
from 12/2007 to 08/2009
Teaching, research, industrial consultancies, University Engineer (additional charge), University Works Dept, Banaras Hindu University. Clients: Public Works Dept, UP state PWD, UP state bridge Cons. Corpn.

Visiting Fellow MiUR (Ministry of Italian University and Research), Dept of Structural Engg, Univ. of Naples Federico II, Italy (05/2007 to 05/2009) - Teaching, research and sponsored research consultancies (design and development of passive response control of structures using MR dampers and viscous dampers). Clients: Fipp- Italy, Maurer and Shone, Germany, Reluis Line 7- International project with European Union

Lecturer, Dept of Civil Engg, Institute of Technology, Banaras Hindu University, INDIA: 08/2002 to 12/2007
Teaching and Research, Industrial consultancy

Assistant Professor, Rao Tula Ram College of Technical Education, New Delhi
06/1991 to 01/2000

Teaching experience: 25 years in IIT system

Involved in teaching Undergraduate students, post-graduate students, and Ph. D scholars of various disciplines, namely Civil engineering, Structural engineering, Ocean Engg, offshore structural engineering, Petroleum engineering, and Naval architecture. I have taught the following courses for more than 5 cycles each; some are even being taught for more than 12 cycles (for example, structural dynamics). Teacher Course Feedback is relatively higher in comparison to both the Dept mean, and the Institute mean scores.

List of Patents Granted: EIGHT

1. Patent Grant No. 480184, A System of Harnessing Wave Energy, 11th Dec 2023
2. Patent Grant No. 426873-001, Damping System of an oil Rig, 3rd Oct 2024
3. Design Patent Grant No. 426872-001, Damping System for an Oil Rig, 27th Nov 2024
4. Design Patent Grant No. 326439-001,Floating Mechanical Wave Energy Converter-III, 7th Dec 2022

5. Design Patent Grant No. 326437-001, Floating Mechanical Wave Energy Converter-II, 25th Sep 2020
6. Design Patent Grant No. 326436-001, Floating Mechanical Wave Energy Converter 12th April 2021
7. Patent Grant No. 490784, A Marine Riser Having A Functionally Graded Material (FGM) Layers And A Method Of Manufacturing Thereof, 28th Dec 2023
8. Patent Grant No. 480184, A System For Harnessing Wave Energy, 11th Dec 2023

List of Patents Filed and awaiting grant: TWELVE

1. Patent File No. 202441088211, A Marine Floating System, 14th Nov 2024
2. Patent File No. 202441065026, A device for generating electric power from Ocean waves, 28th Aug 2024
3. Patent File No. 427718-001, A Damping System for an Oil Rig, 21st Aug 2024
4. Patent File No. 202441058025, A semi-submersible Floating Structure with a Damping System, 31St July, 2024
5. Patent File No. 202441059735, Damping System for an Offshore Platform, 7th Aug 2024
6. Patent File No. 202441063144, Response control of Offshore vessel using Artificial Intelligence, 21st Aug 2024
7. Patent File No. 202441017310 11/03/2024, A System of Harnessing Tidal Energy, 11th Mar, 2024
8. Patent File No. 202341060963, An Offshore Platform, 11th Sep 2023
9. Patent File No. 202341054963, A functionally graded material (FGM) stiffened coped beam used in offshore and heavy industrial structures, 16th Aug 2023
10. Trademark Patent file No. 6045160, Bio-inspired multiutility offshore floating platform: TSUSUCA-DOLPHIN, 31st July 2023
11. Patent Application No. 202341051476 , A device for harvesting energy and a system thereof, 31st July 2023
12. Patent File No. 6045160, TSUSUCA - DOLPHIN: Trade Mark patent, July, 2023

Contributions to web-based courses

Dr Chandrasekaran has also been very active in contributing to the National Program of Technology Enhanced Learning (NPTEL), a Govt. of India initiative towards developing web-based courses for engineering branches. It is important to mention that he has developed, offered, evaluated, and certified about twenty-four courses, one of the highest and unique for faculty members of IITs in India. More than 1 lac participants have undergone these courses, including students, research scholars, practicing engineers, and faculty members of various engineering colleges in India and abroad. List of video courses developed and conducted for Mass Open Online communication (MOOC) program under the National Program on Technology Enhanced Learning (NPTEL), Min. of Education, Govt. of India.

NPTEL courses offered online: THIRTY SEVEN (List can be seen at drsekaran.com)

Research experience

Dr. Chandrasekaran has maintained a balance between academic and practical experience in the past 32 years. He has interests in structural dynamics and earthquake engineering, nonlinear dynamics of offshore structures under environmental loads, and structural health monitoring and control. In the past 22 years, he has obtained experience in nonlinear dynamic analysis of buildings and offshore structures and investigated them for their critical performance behavior under various environmental loadings. He has been an active member of different administrative and technical committees at IIT Madras and Banaras Hindu University, Varanasi. Dr. Chandrasekaran has combined experience in teaching, research, and industrial consultancy in designing and supervising heavy industrial structures for the paper industry and cement industries in Southern India. He has successfully completed many types of research-based industrial consultancy projects resulting in the design and development of new design principles/mechanisms as applied to buildings and offshore structures; a few of them include i) design and development of damping devices for response control of structures; design and development of wave energy devices; and risk assessment of offshore projects on oil and gas industry.

Post-Doctoral Research

Dr. Chandrasekaran is the recipient of the Post-Doctoral Fellow offered by the Ministry of University Research (MIUR), Italy for two years with effect from 15th May 2007. He conducted research jointly with Prof. Giorgio Serino, Dept of Structural Engg, University of Naples Federico II, Naples, Italy. The broad area of his research work focused on the *Development of Nonlinear calculation models for buildings in seismic areas and experimental validation,* including developing technologies for seismic isolation and control of structures. The main objective of the fellowship work is to improve the knowledge of some specific aspects of the design and functioning of passive and semi-active systems for response control of structures subjected to seismic loads. The activities focus on theoretical and experimental studies including parametric investigations and case studies to update the design and verification methods of structural systems and devices for control algorithms of structural response. Detailed analytical studies are conducted on performance assessment of multi-story RC framed buildings under seismic loading using modal pushover analyses. Using Euro Code, comprehensive design guidelines are developed for estimating axial force-bending moment yield interaction, moment rotation, and moment characteristics for RC frame elements. Advanced studies are also conducted on the response behavior of offshore tension leg platforms under different environmental loadings.

Project's coordination

Principal Investigator, Naval Research Board (Hydrodynamics Panel) 2019-2022. Numerical and Experimental Study of Water Entry and Exit of Rigid Bodies

Member, Research Team (ReLUIS) 2007-2009. This is a project financed by the Italian Department of Civil Protection (DPC) within the Italian Network of Earthquake Engineering Laboratories.

Deputy Coordinator- SAP Project financed by University Grants Commission, India for Analysis, design, rehabilitation, and retrofitting of Masonry and RC framed buildings under seismic loads.

Successfully completed consultancy projects for Changwon University, South Korea, University of Naples Federico II Italy, AERB, L&T, DGNP Mumbai, DGNP Vizag, BGR Energy, Sea6 Energy

Consultancy for Ship Building Centre, Vizag under Director General Naval Projects, Govt. of India

Seismic qualification of bus duct for atomic power station, Kalpakkam, Govt. of India

International coordinator for foreign students from Korea and Italy to carry out research-based projects at Dept of Ocean Engg, IIT Madras.

International coordination

Coordinator for international cooperation in academic and research activities between IIT Madras and University of Naples Federico II, Italy

Coordinator for international cooperation in academic and research activities between IIT Madras and Changwon National University, South Korea

List of publications

Books Authored: TWENTY FOUR

1. Srinivasan Chandrasekaran, Pradeepa, M 2025. Handbook for Design of Structures under Fire and Blast Loads, Cambridge Scholars Publishing, U.K (In press)
2. Srinivasan Chandrasekaran., 2025. Computer Aided Structural Analysis, CRC Press, Florida, USA, ISBN 9781041071594.
3. Jayashree Aniruddha Madav, Srinivasan Chandrasekaran, Sanjeev Singh 2025. Structures for Architects: Planning, Analysis and Design, CRC Press, Florida, pp. 232, ISBN: 9781003581314.

4. Srinivasan Chandrasekaran, , Giorgio Serino , Mariacristina Spizzuoco 2024. Earthquake Engineering and Structural control: Theory and applications, CRC Press, Florida, USA, pp. 432, ISBN: 9781032785097.
5. Srinivasan Chandrasekaran, , Surasek Phoemsapthawee , Shanker Krishna , Hari S 2024. Fundamentals of Offshore Engineering, CRC Press, Florida, USA, pp. 280, ISBN: 9781032806068.
6. Srinivasan Chandrasekaran, Gaurav Srivastava. 2022. Fire resistant design of structures, CRC Press, USA, pp. 212, ISBN: 9781003328711
7. Srinivasan Chandarasekaran, Faisal Khan Rouzbeh Abbassi 2022. Wave energy devices: Design, Development and Experimental studies, CRC press, Florida, pp. 271, ISBN: 9781032250755.
8. Srinivasan Chandrasekaran, Arvind Kr. Jain Nasir Shafiq M. Mubarak A. Wahab 2021. Design aids for offshore platforms under special loads, CRC press, Florida, pp. 280, ISBN: 9781032136844.
9. Srinivasan Chandrasekaran, and R. Nagavinothini. 2020. Offshore compliant platforms: Analysis, design and experimental studies, Wiley, U.K, Wiley, U.K, ISBN: 978-1-119-66977-7.
10. Srinivasan Chandrasekaran. 2020. Design of Marine Risers with Functionally Graded Materials, Woodhead Publishing, Elsevier, pp. 200, ISBN: 978-0128235379.
11. Srinivasan Chandrasekaran, 2020. Offshore Semi-Submersible Platform Engineering, CRC Press, Florida, pp. 240, ISBN: 978-0367673307.
12. Srinivasan Chandrasekaran, 2019. Structural Health Monitoring with application to offshore structures, World Scientific Publishing Co, Singapore, ISBN: 978-971-12-0108-0.
13. Srinivasan Chandrasekaran, 2019. Advanced steel design of structures, CRC press, Florida, ISBN: 978-036-72-3290-0.
14. Srinivasan Chandrasekaran, 2018. Advanced structural analysis with MATLAB, CRC Press, Florida, USA, ISBN: 978-036-70-2645-5.
15. Srinivasan Chandrasekaran, 2017. Dynamic analysis and design of ocean structures, Springer, 2nd Ed., Singapore. ISBN:978-981-10-6088-5.
16. Srinivasan Chandrasekaran, and Gaurav Srivastava 2017. Design aids for offshore structures under special environmental loads including fire resistance, Singapore ISBN 978-981-10-7608-4.
17. Srinivasan Chandrasekaran, 2016. Health, safety and Environmental Management for offshore and Petroleum Engineers, John Wiley and Sons, U.K., ISBN: 978-11-192-2184-5.

18. Srinivasan Chandrasekaran, 2016. Offshore Structural Engineering: Reliability and Risk Assessment, CRC Press, Florida, ISBN: 978-14-987-6519-0.
19. Srinivasan Chandrasekaran, and A.K.Jain 2016. Ocean structures: Construction, Materials and Operations, CRC Press, Florida, ISBN: 978-149-87-9742-9.
20. Srinivasan Chandrasekaran, 2015. Advanced Marine structures, CRC Press, Florida (USA), ISBN 978-14-987-3968-9.
21. Srinivasan Chandrasekaran, 2015. Dynamic analysis and design of ocean structures, Springer, INDIA, ISBN: 978-81-322-2276-7.
22. Srinivasan Chandrasekaran, 2014. Advanced Theory on Offshore Plant FEED Engineering, Changwon National University Press, Republic of South Korea, pp. 237. ISBN:978-89-969-7928-9.
23. Srinivasan Chandrasekaran, Luciano Nunzinate Giorgio Seriino Federico Caranannate 2009. Seismic Design Aids for Nonlinear analysis of Reinforced Concrete Structures, CRC Press, Florida (USA), ISBN: 978-14-398-0914-3.
24. Srinivasan Chandrasekaran, and Subrata Kumar Bhattacharyya 2012. Analysis and Design of Offshore Structures with illustrated examples. Human Resource Development Center for Offshore and Plant Engineering (HOPE Center), Changwon National University Press, Republic of Korea ISBN: 978-89-963-9155-5, pp. 285.

Books edited: Four

1. Srinivasan Chandrasekaran, N. Madhavi Saravanakumar Sampath 2015. Advances in Structural Engineering, V. Matsagar (ed). Force Reduction on Ocean Structures with Perforated Members, pp. 647-661, DOI:978-81-322-2190-6_52, © 2015, Springer.
2. Srinivasan Chandrasekaran, N. Madhavi 2015. Advances in Structural Engineering, V. Matsagar (ed). Variations of Water Particle Kinematics of Offshore TLPS with Perforated Members: Numerical Investigations, pp. 629-645, DOI: 978-81-322-2190-6_51, © 2015, Springer.
3. Chandrasekaran S, Shukla, SK Das, BB Kolathayar, S (Ed) 2020. Smart Technologies for Sustainable Development, Springer, ISBN: 978-981-15-5000-3.
4. Srinivasan Chandrasekaran, Shailendra Kumar and Seeram Madhuri (Eds) 2021. Recent advances in structural engineering, Springer, ISBN:978-981-33-6388-5.

Publications in refereed journals (international): ONE HUNDRED SIX

106. Pradeepa, M., Srinivasan Chandrasekaran and Rouzbeh Abbassi 2025. **Integrated Hydrocarbon Fire Simulation and Protection Assessment for Enhancing Offshore Platform Safety,** J. of Loss Prevention in Process Industries, Q1 Quartile,

IF: 3.6, 97 (105662).

105. Mahalakshmi Perala, Srinivasan Chandrasekaran, Ermina Begovic 2025. **Artificial Intelligence-assisted Station keeping for improved drillship operations,** Int J. Optimization & Control: Theory and Appl., Q2, IF: 2.2, 15(2):202-214, https://doi.org/10.36922/ijocta.8524.

104. Srinivasan Chandrasekaran, Ahsish, PU 2025. **Dynamic Response of Triceratops with Elliptical Legs under Oblique Space Launches,** J. Marine Sc. and Applications, in Press, Q2 category, IF: 0.43, https://doi.org/10.1007/s11804-025-00702-8.

103. Basanagouda I Patil,, Chandrasekaran S, Meher Prasad, Sarinya Sanitwong Na Ayutthaya 2025. **Conceptualization and dynamic response of bio-inspired multi-utility floating offshore platform: TSUSUCA-DOLPHIN,** J. Marine Sc. & Tech., Springer, Q1, IF:2.7, https://doi.org/10.1007/s00773-025-01053-3.

102. Muthu Selvakumar,, Srinivasan Chandarsekaran, Rajiv Sharma, Ermina Begovic, Sirirat Jungrungruentaworn, Nonthipat Thaweewat 2025. **Motion and Structural analysis of Drillship under hurricane conditions and ice impact loadings,** Intl. J. Maritime Technology & Res., Q2, IF:2.0, 7(3):275456, doi: https://doi.org/10.33175/mtr.2025.275456. .

101. Vinsensia Ferren,, Ikha Magdalena, Cherdvong Saengsupavanich, Muhammad Nabil Farras Dhiya, Sarinya Sanitwong-Na-Ayutthaya, Srinivasan Chandrasekaran, Imam Solekhudin, Mohammad Ivan Azis, Widowati Widowati 2025. **Analytical and Computational Methods to Optimize Gabion-Pile Coastal Structures,** Water International, 17:551, Q1, IF:4.3, https://doi.org/10.3390/w17040551.

100. Srinivasan Chandrasekaran,, Ashish, PU., Adwait 2025. **Tether Analysis and Stability Investigation of Space Rocket Launch Offshore Compliant Platform in Regular Seas: Space rocket launch,** Q2, IF: 2.0, Int. J. Maritime Tech & Res., 7(3):275563, doi: https://doi.org/10.33175/mtr.2025.275563.

99. Basanagoda Patil,, Srinivasan Chandrasekaran, Meher A Prasad, Sarinya Sanitwang Na Ayutthaya 2025. **Experimental investigations of TSUSUCA DOLPHIN under regular waves,** Int J. Ocean Engg & Marine Energy, Q1, IF: 3.8, DOI: 10.1007/s40722-024-00377-3.

98. Pradeepa, M, & Chandrasekaran, S 2024. **Modeling the influence of hydrocarbon**

fire on offshore topside, Int. J of Mech Sc. and Tech., Q2, IF: 1.85, 38(11):5927-59, DOI 10.1007/s12206-024-1013-035.

97. Chandrasekaran, S, & Suja, TP 2024. **Response control of TLP with single TMD under wind, wave and current,** Int. J. Maritime Technology and Research, 7(1):272515, Q2, IF: 2.0, https://doi.org/10.33175/mtr.2025.272515.

96. Basanagouda I Patil,, Chandrasekaran, S., Meher Prasad, Cherdvong Saengsupavanich 2024. **Energy harvest on TSUSUCA DOLPHIN under irregular waves: Experimental studies,** Energy, Q1, IF: 9, 299:131379.

95. Srnivasan Chandrasekaran, M. Thennavan, Phaireepinas Phimpisan 2024. **Experimental and Numerical Investigations of Steel Coped Beam using DIC method,** Int. J of Mech Sc. and Tech., Q2, IF: 1.85, 38(8):4153-4160.

94. Srinivasan Chandrasekaran, M. Thennavan 2024. **Steel Coped Beam with Functionally Graded Material for Offshore Topside: Numerical Investigations,** , Int J Steel Struct, 24(3):506-514, https://doi.org/10.1007/s13296-024-00832-9, Q2, IF: 1.6.

93. Srinivasan Chandrasekaran, , Giorgio Serino , Yogesh J. Chowhan , Chaitanya Sanghvi , Aishwary Gohil 2024. **Feasibility study of offshore triceratops supporting floating offshore wind turbine,** 105:295-305, Institution of Engineers (India): Series A, https://doi.org/10.1007/s40030-024-00800-w.

92. PU Ashish, , Srinivasan Chandrasekaran , Giorgio Serino 2024. **Parametric study on deep ocean space-rocket launching triceratops,** Ocean Engineering, 295(1):116946, doi:10.1016/j.oceaneng.2024.116946, Q1, IF:1.85.

91. Srinivasan Chandrasekaran, Purushotham Chinu 2024. **Dynamic analysis of offshore triceratops supporting wind turbine: Preliminary studies,** Int. J. Maritime Technology and Research, Q2, IF: 2.0, 6(1):265564, https://doi.org/10.33175/mtr.2024.265564.

90. Srinivasan Chandrasekaran, Shanmukha Rao 2024. **Offshore Triceratops With Elliptical Legs Under Postulated Failure of Tethers,** 24(15): 2450167, DOI: https://doi.org/10.1142/S0219455424501670, Int J Struc. Stabilty and Dynamics, Q1, IF: 3.49.

89. Srinivasan Chandrasekaran, Muthu Selvakumar Rajiv Sharma 2023. **Dynamic**

Analysis of Drillship under Extreme Metocean Hurricane Condition in Ultra-Deep Water, doi:10.1007/s00773-023-00957-2, J. Marine Sc and Tech., Q1, IF:0.84.

88. Srinivasan Chandrasekaran, and Shanmukha Rao, G 2023. **Postulated tendon failure of offshore triceratops,** J. Marine Sc. and Applications, 23:182-200, Q2 category, IF: 0.43.

87. S. Chandrasekaran, Yogesh Chauhan Bharat Shah 2023. **Tether response of offshore Triceratops under Hurricane conditions,** Structures, 51:513-527, Q1 category, Impact factor 0.89.

86. S. Chandrasekaran, S. Pachaiappan 2023. **Displacement-controlled non-linear analysis of offshore platform topside under accidental loads,** Arabian Journal of Science and Engineering, Springer, 48:5619-5635, Q1 category, Impact Factor 0.47 .

85. Chandrasekaran S, Bharat Shah and Yogesh Chauhan 2023. **Fatigue Assessment of Offshore Triceratops Restraining System under Hurricane-driven Metocean Conditions,** International Journal of steel structures, 23:208-224, https://doi.org/10.1007/s13296-022-00689-w, Q2 category, Impact factor: 1.6.

84. S. Pachaippan, S. Chandrasekaran 2022. **Numerical analysis of offshore topside with FGM under impact loads,** J. Innovative Infrastructure Solutions, 7:195, Q2 category, Impact factor 0.51.

83. Srinivasan Chandrasekaran, S. Hari Murugaiyan Amirthalingam 2022. **Functionally graded materials for marine risers by additive manufacturing for high-temperature applications: Experimental investigations,** Structures, 35:931-938, Q1 category, Impact factor 0.84.

82. Chandrasekaran S, Bharat Shah Yogesh Chouhan 2022. **Dynamic analyses of Triceratops under Hurricane-drive Metocean conditions in Gulf of Mexico,** Ocean Engineering, 256:111511, Q1 category, Impact factor 1.38.

81. Srinivasan Chandrasekaran, VVS Sri Charan 2021. **Time-domain analysis of a bean-shaped multi-body floating wave energy converter with a hydraulic power take-off using WEC-Sim,** Energy, 223: 119985, Q1 category, Impact factor 9.

80. Chandrasekaran S, Sricharan V.V.S 2021. **Numerical study of bean-float wave energy converter with float number parametrization using WEC-Sim in regular waves with the Levelized Cost of Electricity assessment for Indian sea states,** Ocean Engineering, 237:109591, Q1 category, Impact factor 1.38.

79. Srinivasan Chandrasekaran, Syed Azeem Uddin and M. Wahab 2021. **Dynamic analysis of semisubmersible under postulated failure of restraining system with buoy, Intl. J. of Steel Structures,** 21(1):118-131, Q2 category, Impact factor 1.6.

78. Srinivasan Chandrasekaran, and Pachaiappan 2020. **Numerical Analysis and Preliminary Design of Topside of an Offshore Platform using FGM and X52 Steel under Special Loads, J. Innovative Infrastructure Solutions,** 5:86, DOI: 10.1007/s41062-020-00337-4, Q2 category, Impact factor 0.51.

77. Srinivasan Chandrasekaran, and VVS Sricharan 2020. **Numerical analysis of a new multi-body mechanical wave energy converter with a linear power-take off system, Renewable Energy,** Elsevier, 159:250-271, Q1 category, Impact factor 1.88.

76. Chandrasekaran, S, and Uddin, A.A 2020. **Postulated failure analyses of a spread-moored semi-submersible. Innovative Infrastructure Solutions,,** 5(2):36, https://doi.org/10.1007/s41062-020-0284-2, Q2 category, Impact factor 0.51.

75. Srinivasan Chandrasekaran, & Nagavinothini, R 2020. **Behaviour of stiffened deck plates under hydrocarbon fire, J. Marine Systems & Ocean Technology,** 15:95-109, Q2 category, Impact factor 0.42.

74. Chandrasekaran, S, & Nagavinothini, R 2020. **Dynamic response of offshore Triceratops with elliptical buoyant legs, Int. J of Innovative Infrastructure Solutions,** 5(47):1-14, Q2 category, Impact factor 0.51.

73. Srinivasan Chandrasekaran, Hari, S & Murugaiyan, A 2020. **Wire arc additive manufacturing of functionally graded material for marine risers,** J. Mat. Sc., & Engg. A, 792-139530, Q3 category, Impact factor 0.222.

72. Srinivasan Chandrasekaran, & Nagavinothini R 2020. **Offshore triceratops under impact forces in ultra-deep arctic waters, International J. of Steel structures,** 20(2):464-479, Q2 category, Impact factor 1.6.

71. Srinivasan Chandrasekaran, & Nagavinothini R 2020. **Parametric studies on the impact response of offshore triceratops in ultra-deep waters, Structure and Infrastructure Engineering,** 16(7):1002-1018, Q1 category, Impact factor 0.95.

70. Chandrasekaran, S, and Venkata Kiran, G 2019. **Reliability, Availability and Maintenance Assessment of a process plant, J. Adv. Res. in Dynamical and Control Systems,** 11(10):167-179.

69. Srinivasan Chandrasekaran, and Manda Hari Venkata Ramachandra Rao 2019. **Numerical Analysis on Triceratops Restraining System: Failure Conditions of Tethers, Int. J. of Env. & Ecological Engg., World Academy of Sc, Engg & Tech,** 13(9): 588-592.

68. Srinivasan Chandrasekaran, and R. Nagavinothini 2019. **Response of Triceratops to impact forces: Numerical investigations, Ocean Systems Engineering Journal,** Techno Press, 9(4):349-368, Q2 category, Impact factor 0.33.

67. Srinivasan Chandrasekaran, and Ajesh Kumar, P.T 2019. **Damage detection in Reinforced concrete berthing jetty using a plasticity model approach, J. Marine Sc. & Appl,** 18:482-491, Q2 category, Impact factor 0.49.

66. Srinivasan Chandrasekaran, and Nagavinothini.R 2019. **Dynamic analyses of offshore triceratops in ultra-deep waters under wind, wave and current, Structures,** 20:279-289, Q1 category, Impact factor 0.84.

65. Srinivasan Chandrasekaran, and R. Nagavinothini 2019. **Ice-induced response of offshore triceratops, Ocean Engineering,** 180:71-96, Q1 category, Impact factor 1.38.

64. Srinivasan Chandrasekaran, and R. Nagavinothini 2019. **Tether analyses of offshore triceratops under ice loads due to continuous crushing, Intl. J. of Innovative Infrastructure Solutions,** 4:25, DOI: 10.1007/s41062-019-0212-5, Q2 category, Impact factor 0.51.

63. Chandrasekaran, S, and V.V.S. Sricharan 2019. **Improved efficiency of a floating wave energy converter under different wave-approach angles: numerical and experimental investigations, J of Ocean Engg and Marine Energy,** 5(1):41-50, doi.org/10.1007/s40722-019-00128-9, Q2 category, Impact factor 0.63.

62. Chandrasekaran, S, and Kiran, P.A 2018. **Mathieu stability of Buoyant Leg Storage and Regasification Platform, J Ocean Systems Engineering,** 8(3):345-360, DOI:10.12989/ose.2018.8.3.345, Q2 category, Impact factor 0.33.

61. Srinivasan Chandrasekaran, and R. Nagavinothini 2018. **Tether analyses of offshore triceratops under wind, wave and current, J. Marine Systems and Ocean Technology,** 13:34-42, DOI:10.1007/s40868-018-0043-9, Q2 category, Impact factor 0.42.

60. Srinivasan Chandrasekaran, and R. Nagavinothini 2018. **Dynamic analyses and**

preliminary design of offshore triceratops in ultra-deep waters, Intl. J. of Innovative Infrastructure Solutions, 3:16, DOI: 10.1007/s41062-017-0124-1, Q2 category, Impact factor 0.51.

59. Srinivasan Chandrasekaran, and Thailammai, C.T 2018. **Health Monitoring of Tension Leg Platform using wireless sensor networking: Experimental investigations, J. Marine Science and Technology,** 24(1):60-72, DOI:10.1007/s00773-018-0531-9, Q1 category, Impact factor 0.77.

58. Chandrasekaran S, and Kiran, P.A 2018. **Mathieu stability of offshore triceratops under postulated failure, Ships and Offshore structures,** 13(2):143-148, Q1 category, Impact factor 0.79.

57. Chandrasekaran S, and Thailammai C 2018. **Structural Health monitoring of offshore Buoyant Leg Storage and Re-gasification platform: Experimental investigations, J. Marine Science and Application,** 17:87-100, Q2 category, Impact factor 0.49.

56. Srinivasan Chandrasekaran, and R. Nagavinotihini 2017. **Analysis and Design of Offshore Triceratops under Ultra-Deep Waters, Int. J. Struc. & Const. Engg., World Academy of Sc., Engg. and Tech,** 11(11):1505-1513, Q1 category, Impact factor 0.38.

55. Chandrasekaran S, and Jamshed Nassery 2017. **Nonlinear response of stiffened triceratops under impact and non-impact waves, International Journal of Ocean Systems Engineering,** 7(3):179-193, DOI: 10.12989/ose.2017.7.3.179, Q2 category, Impact factor 0.33.

54. Chandrasekaran S, and Jamshed Nassery 2017. **Ringing response of offshore triceratops, J. Innovative Infrastructure Solutions, Springer,** 2(23):1-6, Q2 category, Impact factor 0.51.

53. Chandrasekaran S, and RS Lognath 2017. **Dynamic analyses of Buoyant Leg Storage and Re-gasification platforms: Numerical studies, J. Marine Systems and Ocean Tech,** 12(2):39-48, Q2 category, Impact factor 0.42.

52. Srinivasan Chandrasekaran, and Senger Mayank 2017. **Dynamic analyses of stiffened triceratops under regular waves: experimental investigations, Ships and Offshore structures,** 12(5):697-705, Q1 category, Impact factor 0.79.

51. Chandrasekaran Srinivasan, Thaillammai, C and Shihas A. Khader 2016. **Structural**

health monitoring of offshore structures using wireless sensor networking under operational and environmental variability, Int. J. Env, Chemical and Ecological Engg, 10(1):33-39.

50. Chandrasekaran S, and Shihas A. Khader 2016. **Hydrodynamic performance of a moored barge in irregular wave, Int. J. Env, Chemical and Ecological Engg,** 10(1):47-54.

49. Chandrasekaran Srinivasan, and Merin Thomas 2016. **Suppression system for offshore cylinders under vortex induced vibration, Vibroengineering Procedia,** 7:01-06.

48. Srinivasan Chandrasekaran, and N. Madhavi 2016. **Numerical study on geometrical configurations of perforated cylindrical structures, Journal of Performance of Constructional Facilities, American Soc of Civil Engineers,** 30(1):04014185, doi: 10.1061/(ASCE)CF.1943-5509.0000687, Q2 category, Impact factor 0.70.

47. Srinivasan Chandrasekaran, and Raghavi, B 2015. **Design, development and experimentation of deep ocean wave energy converter system, Energy Procedia,** Elsevier 79:634-640, Q1 category, Impact factor 0.53.

46. Srinivasan Chandrasekaran, Ranjani, R Deepak Kumar 2015. **Response control of Tension leg Platform with Passive Damper: Experimental investigations, Ships and Offshore Structures,** 12(2):171-181, Q1 category, Impact factor 0.79.

45. Srinivasan Chandrasekaran, Lognath, R.S 2015. **Dynamic analyses of Buoyant Leg Storage Regasification Platform (BLSRP) under regular waves: Experimental investigations, Ships and Offshore Structures,** 12(2):227-232, Q1 category, Impact factor 0.79.

44. Srinivasan Chandrasekaran, and S. Madhuri 2015. **Dynamic response of offshore triceratops: Numerical and Experimental investigations, Ocean Engineering,** 109(15):401-409, Q1 category, Impact factor 1.38.

43. Srinivasan Chandrasekaran, and A. Kiran 2015. **Quantified Risk Assessment of LPG Filling station, Professional Safety, J. of American Soc. of Safety Engineers (ASSE),** September 2105, pp. 44-51.

42. Srinivasan Chandrasekaran, and N. Madhavi 2015. **Design aids for offshore structures with perforated members, Ship and Offshore structures,** 10(2):183-

203, Q1 category, Impact factor 0.79.

41. Srinivasan Chandrasekaran, and N. Madhavi 2015. **Retrofitting of offshore cylindrical structures with different geometrical configuration of perforated outer cover, International Journal of Shipbuilding Progress,** 62(1-2):43-56, doi: 3233/ISP-150115.

40. Srinivasan Chandrasekaran, and N. Madhavi 2015. **Flow field around a outer perforated circular cylinder under regular waves: Numerical study, Int. J. Marine System and Ocean Technology,** 10:91-100, DOI: 10.1007/s40868-015-0008-1, Q2 category, Impact factor 0.42.

39. Srinivasan Chandrasekaran, and N. Madhavi 2015. **Variation of flow field around twin cylinders with and without outer perforated cylinder: Numerical studies, China Ocean Engineering,** 30(5):763-771, Q1 category, Impact factor 1.38.

38. Srinivasan Chandrasekaran, and N. Madavi 2014. **Retrofitting of offshore structural member using perforated cylinders,** SFA Newsletter, 13:10-11.

37. Srinivasan Chandrasekaran, and Harinder 2014. **Failure mode and effects analysis of Mechanical wave energy converters, Intl J of Intelligent Engineering informatics,** Vol. 3, No. 1, pp. 57-65.

36. Srinivasan Chandrasekaran, and N. Madhavi 2014. **Hydrodynamic performance of retrofitted structural member under regular waves, Intl. J. of Forensic Engineering,** Inder Science, 2(2):100-121.

35. Srinivasan Chandrasekaran, Deepak C. Raphel and Saishri, P 2014. **Deep ocean wave energy systems: Experimental investigations. J. Naval Arch and Marine Engg,** 11:139-147, Q3 category, Impact factor 0.24.

34. Srinivasan Chandrasekaran, and Yuvraj Koshti 2013. **Dynamic analysis of a Tension Leg Platform under extreme waves, J. of Naval Arch and Marine Engg,** 10:59-68, DOI: 10.3329/jname.v10i1.14518, Q3 category, Impact factor 0.24.

33. Srinivasan Chandrasekaran, and Madhuri Nannaware 2013. **Response analyses of offshore triceratops to seismic activities, Ship and offshore structures,** 9(6):633-642, Q1 category, Impact factor 0.79.

32. Srinivasan Chandrasekaran, A.K.Jain and Seeram Madhuri 2013. **Aerodynamic response of offshore triceratops. Ship and Offshore structures,** 8(2):123-140, Q1

category, Impact factor 0.79.

31. Srinivasan Chandrasekaran, Arunachalam Amarkathik Karuppan Sivakumar Dhanasekaran Selvamuthukumaran and Shaji Sidney 2013. **Experimental investigation and ANN modeling on improved performance of an innovative method of using heave response of a non-floating object for ocean wave energy conversion, Frontiers in Energy,** 7(3):279-287, DOI: 10.1007/s11708-013-0268-4, Q2 category, Impact factor 0.53.

30. Srinivasan Chandrasekaran, Madhavi Natarajan and Saravanakumar 2013. **Hydrodynamic response of offshore Tension Leg Platforms with perforated members, International J. Ocean and climate systems,** Vol. 4, No. 3, pp. 182-196.

29. Srinivasan Chandrasekaran, Deepak Kumar and Ranjani Ramanathan 2013. **Dynamic response of tension leg platform with tuned mass dampers, Journal of Naval Architecture and Marine Engineering,** 10(2):149-156, Q3 category, Impact factor 0.24.

28. Srinivasan Chandrasekaran, and Madhuri Seeram 2012. **Stability studies on offshore triceratops, Intl J of Research & Development,** Vol. 1, No. 10, pp. 398-404.

27. Srinivasan Chandrasekaran, and Harinder 2012. **Power generation using Mechanical Wave Energy Converter. International J. Ocean and climate systems,** 3(1):57-70.

26. Srinivasan Chandrasekaran, Arunachalam Amarkarthik Karuppan Sivakumar Harender Sinhmar 2012. **Laboratory experiments using non-floating body to generate electrical energy from water waves, Frontiers in Energy,** 6(4):361-365, DOI: 10.1007/s11708-012-0210-1, Q2 category, Impact factor 0.53.

25. Chandrasekaran Srinivasan, Luciano Nunziante Giorgio Serino Federico Carannante 2011. **Curvature ductility of RC sections based on Euro Code: Analytical procedure. Journal of Civil Engineering, Korean Society of Civil Engineers,** Springer, 15(1):131-144, Q2 category, Impact factor 0.51.

24. Srinivasan Chandrasekaran, Gaurav Giorgio Serino and Salvatore Miranda 2011. **Springing and Ringing response of Triangular TLPs, International Shipbuilding Progress,** 58(2-3):141-163, Q3 category, Impact factor

0.19.

23. Srinivasan Chandrasekaran, S.K.Gupta Federico Carnanannte 2010. **Design aids for fixed support reinforced concrete cylindrical shells under uniformly distributed loads. International Journal of Eng, Science and Technology,** 1(1):148-171, Q1 category, Impact factor 0.98.

22. Srinivasan Chandrasekaran, and Harinder 2010. **Proposed Mechanism for Mechanical Wave Energy Converter,** Ship and Offshore Newsletter, 4:101.

21. Srinivasan Chandrasekaran, and Abhishek Sharma 2010. **Potential flow based numerical study for the response of floating offshore structures with perforated columns,** Ships and offshore structures, 5(4):327-336, Q1 category, Impact factor 0.79.

20. Srinivasan Chandrasekaran, Gaurav and Jain,A.K 2010. **Ringing response of offshore compliant structures, International J. Ocean and climate systems,** 1(3-4):133-144.

19. Chandrasekaran,S, L. Nunziante G.Serino and F.Carannante 2010. **Axial force-Bending moment limit domain and Flow Rule for reinforced concrete elements using Euro Code. International Journal of Damage Mechanics,** 19:523-558, Q1 category, Impact factor 1.17.

18. Chandrasekaran,S, Fraldi, M Nunziante,L Carannante,F Pernice,MC 2009. **Mechanics of distributed fibre optic sensors for strain measurements on rods,** Structural Engineering, 35(5):323-333, Q4 category, Impact factor 0.142.

17. Chandrasekaran,S, Luciano Nunziante Giorgio Serino & Federico Carannante 2008. **Axial force-Bending moment failure interaction and deformation of reinforced concrete beams using Euro Code,** Structural Engineering, 35(1):181-190, Q4 category, Impact factor 0.14.

16. Chandrasekaran Srinivasan, Luciano Nunziante Varun Gupta and Federico Carannante 2008. **Nonlinear seismic analyses of high rise reinforced concrete buildings. ICFAI Journal of Structural Design,** ICFAI Press, 1(1):7-24.

15. Chandrasekaran,S, Gaurav & Shivam Srivastava 2008. **Structural response of Offshore TLPs under seismic excitations. International Engineering and Technology Journal of Civil & Structures,** 1(1):07-12.

14. Chandrasekaran,S, and Gaurav 2008. **Offshore Triangular TLP earthquake motion analysis under distinctly high sea waves. Ship and Offshore Structures,** 3(3):173-184, Q1 category, Impact factor 0.79.

13. Srinivasan Chandrasekaran, A. K. Jain and N.R.Chandak 2007. **Response behavior of triangular TLPs under regular waves using Stokes non-linear wave theory. ASCE Journal of Waterway, Port, Coastal and Ocean Engineering,** 133(3):230-237, Q2 category, Impact factor 0.66.

12. Chandrasekaran,S, Jain, A. K and A.Gupta 2007. **Influence of wave approach angle on TLP response,** Ocean Engineering, 8-9(34):1322- 1327, Q1 category, Impact factor 1.38.

11. Chandrasekaran,S, Abhishek Sharma & Shivam Srivastava 2007. **Offshore triangular TLP behavior using Dynamic Morison Equation,** Structural Engineering, 34(4):291-296, Q4 category, Impact factor 0.14.

10. Chandrasekaran,S, Jain, A. K Gupta,A and Srivastava,A 2007. **Response behavior of triangular tension leg platforms under impact loading,** Ocean Engineering, 34(1):45-53, Q1 category, Impact factor 1.38.

9. Chandrasekaran,S, and Srivastava, A 2006. **Design Aids for multi-barrel RC Cylindrical shells,** Structural Engineering, 33(4):1-10, Q4 category, Impact factor 0.14.

8. Chandrasekaran,S, Chandak, N. R and Gupta Anupam 2006. **Stability analysis of TLP tethers,** Ocean Engineering, 33(3):471-482, Q1 category, Impact factor 1.38.

7. Chandrasekaran,S, and Roy, A 2006. **Seismic evaluation of multi-storey RC frames using modal pushover analysis,** International Journal of Nonlinear Dynamics, 43(4):329-342, Q1 category, Impact factor 1.26.

6. Chandrasekaran,S, Jain, A. K and Chandak,N.R 2006. **Seismic analysis of offshore triangular Tension Leg Platforms,** International Journal of Structural Stability and Dynamics, 6(1):1-24, Q1 category, Impact factor 0.77.

5. Chandrasekaran,S, and U. K. Tripati 2005. **Geometric Irregularity Effects on Seismic Vulnerability of Buildings,** J of Vibration engineering and Tech., 4(2):115-123, Q2 category, Impact factor 0.46.

4. Chandrasekaran,S, Jain, A. K and Chandak,N.R 2004. **Influence of hydrodynamic**

coefficients in the response behavior of triangular TLPs in regular waves, Ocean Engineering, 31(17-18):2319-2342, Q1 category, Impact factor 1.38.

3. Chandrasekaran,S, and Chandak, N. R 2004. **Seismic behavior of road bridge abutments,** Concrete India, Journal of IC-ACI, 19(1):3-5.

2. Chandrasekaran,S, and Jain, A. K 2002. **Dynamic behavior of square and triangular offshore tension leg platforms under regular wave loads,** Ocean Engineering, 29(3):279-313, Q1 category, Impact factor 1.38.

1. Chandrasekaran,S, and Jain, A. K 2002. **Triangular Configuration Tension Leg Platform behavior under random sea wave loads,** Ocean Engineering, 29(15):1895-1928, Q1 category, Impact factor 1.38.

Publications in conference proceedings (International): NINETY FIVE

95. Shyba Arakkan, Srinivasan Chandrasekaran 2025. Mitigating heave response for safer LNG operations: A numerical study on Buoyant Leg Storage and Regasification Platform, Paper No. 2025-TPC-0267, In: Proc. of 35th International Ocean and Polar Engg Conference, ISOPE 2025, June 1-6, KINTEX, Goyang/Gyeonggi-do, Korea. .

94. Srinivasan Chandrasekaran, Ajaya Kumar Das, Ermina Begovic 2025. Response control of Semisubmersible with novel damper system, Paper No. 2025-TPC-0213, In: Proc. of 35th International Ocean and Polar Engg Conference, ISOPE 2025, June 1-6, KINTEX, Goyang/Gyeonggi-do, Korea.

93. Srinivasan Chandrasekaran, Ajay Kumar Das, Kantapon Tanakitkorn 2024. Mitigation of heave response in Semisubmersible using Tuned Mass Damper under critical sea states, In: Proc. of International Conference on Ships and Offshore Structures (ICSOS 2024), Sep 8-12, 2024, IIT Madras, Chennai, India..

92. Chandrasekaran, S., Suja, T.P. 2024. Numerical analysis of the effect of wave directionlaity on performance of TLP with novel Tuned Mass Damper for surge motion control, In: Proc. of International Conference on Ships and Offshore Structures (ICSOS 2024), Sep 8-12, 2024, IIT Madras, Chennai, India..

91. Ashish Unnikrishnan, Adwait Panindre, S. Chandrasekaran 2024. Stability analysis of offshore triceratops under tether failure condition in adverse sea states, In: Proc. of

International Conference on Ships and Offshore Structures (ICSOS 2024), Sep 8-12, 2024, IIT Madras, Chennai, India..

90. Srinivasan Chandrasekaran,, Basanagouda I Patil, Meher Prasad 2024. Power Take-off Mechanism to improve efficiency of TSUSUCA DOLPHIN, In: Proc. of International Conference on Ships and Offshore Structures (ICSOS 2024), Sep 8-12, 2024, IIT Madras, Chennai, India..

89. Pradeepa, M., S. Chandrasekaran 2024. Analysis of offshore topside under hydrocarbon fire, In: Proc. of International Conference on Ships and Offshore Structures (ICSOS 2024), Sep 8-12, 2024, IIT Madras, Chennai, India..

88. M. Thennavan, Srinivasan Chandrasekaran , Murugaiyan Amirthalingam 2024. Structural Assessment of Functionally Graded Coped Beam Stiffeners Used in Offshore Topside, In: Proc. of 43rd International Conference on Ocean, Offshore and Arctic Engineering, Paper No. OMAE2024-121355, June 9-14, 2024, Singapore EXPO, Singapore.

87. Basanagouda I Patil, Srinivasan Chandrasekaran , Meher Prasad 2024. Dynamic Response Analysis of Bio-Inspired Tsusuca Dolphin, In: Proc. of 43rd International Conference on Ocean, Offshore and Arctic Engineering, Paper No. OMAE2024-122083, June 9-14, 2024, Singapore EXPO, Singapore ..

86. P. Ashish Unnikrishnan, , Srinivasan Chandrasekaran 2024. Dynamic analysis of offshore triceratops with missile launcher, In: Proc. of 43rd International Conference on Ocean, Offshore and Arctic Engineering, Paper No. OMAE2024-121442, June 9-14, 2024, Singapore EXPO, Singapore .

85. Srinivasan Chandrasekaran, , Shyba A. 2024. Dynamic respsonse analysis of Buoyant Leg Storage and Regasification Platform under random waves: Numerical studies, Proc. Intl. Conf. Oceanography and Marine Biology, Sep 09-10, Barcelona, Spain.

84. Srinivasan Chandrasekaran, , PU Ashish 2024. Passive controlled offshore compliant platform with rocket launch pad, Proc. Int. Conf. in Oceanography and Marine Biology, Sep 09-10, Barcelona, Spain.

83. Chandrasekaran, S, Pradeepa, M 2023. Structural response of offshore topside

subjected to hydrocarbon fire, In Proc. Intl. Conf. on Petroleum, Hydrogen and Decarbonization (ICPHD 2023), 3-5 November, IIT Guwahati, Assam, INDIA.

82. Srinivasan Chandrasekaran, and Kunal Rane 2023. Experimental and Numerical Analyses of Rigid Bodies Impinged on Water, Proc. sixth Int. Conf. in Ocean, Coastal and Marine Engineering: Challenges and Trends, 4-8, June, RWTH Aachen University, Germany..

81. Srinivasan Chandrasekaran, and Shanmukha Rao, G 2023. Dynamic Response of Offshore Triceratops under Regular waves with Tether Postulated Failure, Proceedings of 12th International workshop on ship and marine hydrodynamics, Finland, Aug-28 to Sept-01.

80. Srinivasan Chandrasekaran, and Muthu Selvakumar 2023. Dynamic Analysis of Drillship Under Critical Environmental Loads, Proceedings of the Thirty-third International Ocean and Polar Engineering Conference www.isope.org Ottawa, Canada, June 19-23, pp. 2366-2373.

79. Srinivasan Chandrasekaran, and Thennavan 2023. Numerical analysis of coped beam with X52 Steel and FGM used in offshore topside, , Proceedings of the Thirty-third International Ocean and Polar Engineering Conference www.isope.org Ottawa, Canada, June 19-23, pp. 1067-1074..

78. Srinivasan Chandrasekaran, and Suja, TP 2023. Response Control of Tension Leg Platform Under Random Waves Using Tuned Mass Damper, Proceedings of the Thirty-third International Ocean and Polar Engineering Conference www.isope.org Ottawa, Canada, June 19-23, pp. 932-936..

77. Sricharan V.V.S, Chandrasekaran S 2021. Improvement of wave energy absorption with unstable bean floats, Glasgow, UK.

76. Chandarsekaran,S, S. and SriCharan, VVS 2020. Analysis of a Floating Wave Energy Converter with Hydraulic Mechanical Power Take-Off using WEC-Sim and Simscape, Fort Lauderdale, Florida, USA, Aug. 3-7th (Virtual Conference).

75. Chandrasekaran,S, Jain A.K Syed Azeem Uddin 2020. Coupled dynamic analysis of Semi-submersible with a new spread-mooring system, Fort Lauderdale, Florida, USA, Aug. 3-7th (Virtual Conference).

74. Chandrasekaran,S, Hari, S and Murugaiyan Amirthalingam 2019. Wire-arc additive manufacturing of functionally-graded material for marine riser applications, Terengganu, Malaysia, 5-7th Aug 2019.

73. Srinivasan Chandrasekaran, and Manda Hari Venkata Ramachandra Rao 2019. Numerical Analysis on Triceratops Restraining System: Failure Conditions of Tethers, Sep 19-20, 2019, Paris, France (Won the best paper award in the Conf.).

72. Srinivasan Chandrasekaran, and R. Nagavinothini 2018. Dynamic analysis of offshore triceratops under forces due to ice crushing in ultra-deep waters, MARTEC-2018, Aug. 13-14, Kuala Lumpur, Malaysia.

71. Srinivasan Chandrasekaran, and VVS Sricharan 2018. Design and development of Near-shore mechanical wave energy converter, MARTEC-2018, Aug. 13-14, Kuala Lumpur, Malaysia.

70. Srinivasan Chandrasekaran, VVS. Sri Charan and S.Joseph 2018. Conceptual design of compliant mechanical wave energy converter, Oct. 8-10, Lisbon, Portugal.

69. Srinivasan Chandrasekaran, and Ajesh Kumar, P.T 2017. Damage assessment in concrete marine structures using damage plasticity model, 8-10, May, 2017, Lisbon, Portugal.

68. Srinivasan Chandrasekaran, and Kiran, P.A 2017. Mathieu stability of offshore Buoyant Leg Storage and Regasification Platform, Paris, France, 21-22 Sep. 2017.

67. Srinivasan Chandrasekaran, and R. Nagavinothini 2017. Analysis and Design of offshore triceratops in ultra-deep waters, Nov. 29-30., Melbourne, Australia.

66. Srinivasan Chandrasekaran, Thailammai Chithambaram and Shihas A. Khader 2016. Structural Health Monitoring of Offshore structures using wireless sensor networking under operational and environmental variability, Jan 12-13, Zurich, Switzerland.

65. Srinivasan Chandrasekaran, and Thailammai Chithambaram 2016. Health Monitoring of Offshore structures using Wireless Sensor Network : Experimental investigations, March 20-24, Las Vegas, Nevada, USA.

64. Srinivasan Chandrasekaran, and Shihas A. Khader 2016. Hydrodynamic performance of a moored barge in regular waves, Jan 12-13., Zurich, Switzerland.

63. Srinivasan Chandrasekaran, and Merin Thomas 2016. Suppression system for offshore cylinders under vortex induced vibration, Czech Republic, 31st Aug-1st Sep, 7:1-6.

62. Srinivasan Chandrasekaran, Lognath Radhakrishnan Sreeramulu and Arvind Jain 2015. Dynamic analysis of Buoyant Leg storage and Regasification Platform under regular waves, May 31-June 5, 2015. OMAE2015-41554.

61. Srinivasan Chandrasekaran, Senger Mayank Arvind Jain 2015. Dynamic response behavior of stiffened triceratops under regular waves: Experimental investigations, OMAE2015-41376.

60. Srinivasan Chandrasekaran, and Jamshed Nassery 2015. Springing and Ringing response of offshore triceratops, OMAE2015-41551.

59. Srinivasan Chandrasekaran, and N. Madhavi 2015. Estimation of force reduction on ocean structures with perforated members, OMAE2015 41153.

58. Srinivasan Chandrasekaran, and B. Raghavi 2015. Design, development and experimentation of deep ocean wave energy converter system, May 28-29, Bangkok, Thailand.

57. Srinivasan Chandrasekaran, and N. Madhavi 2014. Variation of water particle kinematics with perforated cylinder under regular waves, Busan, South Korea (paper accepted- 2014-TPC-0254).

56. Srinivasan Chandrasekaran, N. Madhavi and C. Natarajan 2014. Variations of hydrodynamic characteristics with the perforated cylinder, OMAE 2014, 8-13, June, San Francisco, USA (paper accepted- 23455).

55. Srinivasan Chandrasekaran, and Kiran A 2014. Consequence Analysis and risk assessment of oil and gas industries, Offshore and subsea structures, Glasgow, UK, Aug 18-20, 2014.

54. Srinivasan Chandrasekaran, and Kiran A 2014. Accident Modeling & Risk Assessment of Oil & Gas Industries, IIT Delhi, India. December 22-24, 2014.

53. Srinivasan Chandrasekaran, and N. Madhavi 2014. Variations of water particle kinematics of offshore TLPs with perforated members: numerical investigations, IIT Delhi, India. Dec 22 24, 2014.

52. Srinivasan Chandrasekaran, N. Madhavi and Saravanakumar Sampath 2014. Force reduction on ocean structures with perforated members, India. Dec 22 24, 2014.

51. Srinivasan Chandrasekaran, Deepak Kumar and Ranjani Ramanathan 2014. Response control of TLP using tuned mass dampers, OMAE 2014, 8-13, June, San Francisco, USA.

50. Srinivasan Chandrasekaran, and Vishruth Srinath 2013. Experimental investigations of dynamic response of Tension Leg Platforms with perforated members, Nantes, France, 9-14th June, 2013, OMAE 2013-10607.

49. Srinivasan Chandrasekaran, and Deepak C. Raphel 2013. Conceptual design and experimental investigations on deep ocean wave energy converter, Dec 2013, Chennai, INDIA.

48. Srinivasan Chandrasekaran, and Seeram Madhuri 2012. Stability studies on offshore triceratops, Indian Maritime University, Vishakapatnam, 1(10):398-404.

47. Srinivasan Chandrasekaran, and Seeram Madhuri 2012. Free vibration response of offshore triceratops: Experimental and analytical investigations, 8-9 Dec, IIT Delhi.

46. Srinivasan Chandrasekaran, Pannerselvam, R and Saravanakumar S 2012. Retrofitting of offshore Tension Leg Platforms with perforated cylinders, 8-9 Dec, IIT Delhi.

45. Saravanan, R, Bhattacharyya, SK Paneerselvam, R and Srinivasan Chandrasekaran 2011. Hydrodynamic analysis of semisubmersibles for a large scale desalination plant, OMAE 2011, Rotterdam, The Netherlands, 19-24th June, OMAE 2011-49840.

44. Srinivasan Chandrasekaran, R. Sundaravadivelu R. Pannerselvam and S. Madhuri 2011. Experimental investigations of offshore triceratops under regular waves, OMAE 2011, Rotterdam, The Netherlands, 19-24th June, 2011, OMAE2011-49826.

43. Srinivasan Chandrasekaran, and S. Parameswara pandian 2011. Response behavior of perforated cylinders in regular waves, OMAE 2011, Rotterdam, The Netherlands, 19-24th June, 2011, OMAE 2011-49839.

42. Srinivasan Chandrasekaran, and Harinder 2011. Design and efficiency analysis of

Mechanical Wave Energy converter, OMAE 2011, Rotterdam, The Netherlands, 19-24th June, 2011, OMAE 2011-49830.

41. Srinivasan Chandrasekaran, 2011. Health, Safety and Environmental Management in petroleum and offshore engineering, Changwon University, South Korea, April 2011.

40. Srinivasan Chandarsekaran, 2011. Quantitative risk assessment of Group Gathering Station (GGS) of oil exploration and production, Changwon University, South Korea, April 2011.

39. Srinivasan Chandarsekaran, 2011. Hazard identification and Management in oil and gas industry using Hazop, Changwon University, South Korea, April 2011.

38. Srinivasan Chandrasekaran, Bhaskar K Lino Harilal and Brijit, R 2010. Dynamic response behavior of multi-legged articulated tower with and without TMD, 11-12 Dec 2010, Dhaka, Bangladesh.

37. K.Bhattacharyya, Srinivasan Chandrasekaran Ram Prasad 2010. Risk assessment for offshore pipelines, IIT Madras, India, 18-20th Nov 2010.

36. Srinivasan Chandarsekaran, Ramesh Babu Arshad Ayub 2010. Hazop study for crude oil pipe line, India, 18-20th Nov 2010.

35. K.Bhattacharyya, Srinivasan Chandrasekaran Ram Prasad 2010. Event analysis for offshore riser failure, IIT Madras, India, 18-20th Nov 2010.

34. Chandrasekaran, S, and Abhishek Sharma 2010. Dynamic response of floating offshore structures with perforated columns, Madras, India, 2-5th August, 2010.

33. Srinivasan Chandrasekaran, Bhaskar, K and Muhammed Hashim 2010. Experimental study on dynamic response behavior of multi-legged articulated tower, OMAE 2010, Shanghai, China, 6-11th June, 2010.

32. Srinivasan Chandrasekaran, Madhuri Seeram A.K.Jain and Gaurav 2010. Dynamic response of offshore triceratops under environmental loads, 11-12 Dec 2010, Dhaka, Bangladesh.

31. Chandak, N.R, and S. Chandrasekaran 2009. Structural response of triangular Tension leg Platforms using dynamic Morison equation, Hong Kong and Macao, 30th Nov-3rd Dec .

30. Chandrasekaran, Gaurav and A.K.Jain 2009. Ringing response of offshore compliant structures, IIT Madras, INDIA, 1-5th Feb 2009.

29. Giorgio Serino, Mariacristina Spizzuoco Maria Rosaria Marsico and S. Chandrasekaran 2008. The monitoring system of an isolated religious building in Italy: A recent acquisition of the Italian observatory of structures, September 8-12th 2008, Saint Petersburg, Russia, Vol. 2.

28. Giorgio Serino, Maria Rosaria Marsico S. Chandrasekaran and Mariacristina Spizzuoco 2008. Seismic isolation and modelling of a worship structure. of Fourth European Conference on Structural Control, September 8-12th 2008, Saint Petersburg, Russia, Vol. 2.

27. Srinivasan Chandrasekaran, G. Serino A.K.Jain Salvatore Miranda Anupam Gupta, Gaurav & Abhishek Sharma. 2008. Influence of varying inertia coefficient and wave directionality on TLP geometry, 10-13th Nov 2008, Bangkok, Thailand.

26. Giorgio Serino, Srinivasan Chandrasekaran Maria Rosaria Marsico & Mariacristina Spizzuoco 2008. Description and analytical modelling of the JETPACS prototype steel frame, 17th-18th January 2008, Firenza, Italy.

25. Chandrasekaran, G. Serino & Varun Gupta 2008. Performance evaluation assessment of buildings under seismic loading, 14-16th May, 2008, Portugal.

24. Chandrasekaran, Gaurav & Shivam Srivastava 2008. Steady and transient response of triangular TLPs under random wave load, 7-9th July 2008, Southampton, U.K.

23. Chandrasekaran, A. K. Jain G. Serino M. Spizzuoco Shivam Srivastava & Varun Gupta. 2007. Risk assessment of seismic vulnerabilities of RC framed buildings due to asymmetricity, 5-7th December, 2007, Singapore.

22. Chandrasekaran, A. K. Jain Abhishek Sharma & Shivam Srivastava 2007. Comparative study of square and triangular TLPs with varying Hydrodynamic coefficients, INDIA, Dec 2007, CD-ROM .

21. Chandrasekaran, and Varun Gupta 2007. Pushover Analysis of RC Framed Structures. Structural Engg, INDIA, Dec 2007, CD-ROM.

20. Chandrasekaran, Gaurav & Shivam Srivstava 2007. Response Behavior of TLPs under Vertical Ground Excitation, INDIA, Dec 2007, CD-ROM.

19. Chandrasekaran, G. Seriono & Varun Gupta 2007. Performance evaluation & damage assessment of buildings subjected to seismic loading, 11-13th June, Bologna, Italy, CD-ROM .

18. Chandrasekaran, & Varun Gupta 2007. Nonlinear seismic analysis of buildings, Kolkata, 28th Jan 03rd Feb 2007, CD-ROM.

17. Chandrasekaran, & Shivam Srivastava 2007. Nonlinear dynamic analysis of asymmetric buildings under seismic forces, Kolkata, 28th Jan 03rd Feb 2007, CD-ROM.

16. Chandrasekaran &, Lakshman Kumar 2007. Probabilistic Seismic Hazard Analysis, Kolkata, 28th Jan- 03rd Feb 2007. (CD-ROM).

15. Chandrasekaran, A. K. Jain & Varun Gupta 2006. Performance based design for RC framed buildings, IIT, Guwahati, 8-10th Dec 2006.

14. Chandrasekaran, A. K. Jain & Mukesh Kumar 2006. Blast vulnerability of Coal waste dump during production blasting, School of Civil Engineering, SASTRA, Deemed University, Tanjavur, Tamilnadu, Feb 25-26.

13. Chandrasekaran, A. K. Dubey & U. K. Tripati 2006. Seismic behavior of SMRF under various structural irregularities, School of Civil Engg, SASTRA, Deemed University, Tanjavur, Tamilnadu, Feb 25-26.

12. Srinivasan Chandrasekaran, P.K.Anchuri& A. Dubey 2005. Seismic vulnerability of asymmetric reinforced concrete framed buildings, IISc Bangalore.

11. Srinivasan Chandrasekaran &, Anubhab Roy 2005. Phase plane study of Offshore Structures subjected to nonlinear hydrodynamic loading, IISc Bangalore.

10. Chandrasekaran, Anubhab Roy and Narayan R. Chandak 2005. Modal pushover analysis of multi-storey moment resisting framed buildings, IIT-Kharagpur, India.

9. Chandrasekaran, Ashutosh Srivastav & Parijat Naha 2005. Analytical tools for Shell Structures, IIT-Kharagpur, India.

8. Chandrasekaran &, Anubhab Roy 2004. Computational wave theories for deep water compliant Offshore Structures, IIT, Guwahati, March 2-3 .

7. Chandrasekaran, and Utpal Kr Tripati 2004. Seismic vulnerability of irregular

buildings, Singapore, 1-3rd December.

6. Chandrasekaran, S &, Anubhab Roy 2004. Comparison of modal combination rules in seismic analysis of multi-storey RC frames, IIT-Kanpur, India, Dec 6-9, 2004.

5. Jain, A. K. &, S. Chandrasekaran 2004. Aerodynamic behavior of Offshore triangular TLPs, Toulon, France, May 23-28.

4. Chandrasekaran &, S. Lahiri 2003. Tools of Modern Construction Management, Jan 2-4, Ahmedabad, India.

3. Chandrasekaran, S. Lahiri V. Kumar & U.K.Tripati 2003. Study of seismic vulnerability and subsequent retrofitting of Ganga Mahal Banaras, Milan, Italy, 1-2 July 2003, Vol. 2 .

2. Chandrasekaran, Saurab Lahiri & V. Kumar 2003. Study of seismic vulnerability and retrofitting techniques for heritage buildings in Banaras, Coimbatore, India.

1. Chandrasekaran, Utpal Kr. Tripati & Mayank Srivastav 2003. Study of plan irregularity effects and seismic vulnerability of moment resisting RC framed structures, Nov. 12-14, Changsa, China .

Teacher Course Feedback for the courses taught

Prof. Srinivasan Chandrasekaran, Dept of Ocean Engg — TCF summary

S.No	Course	Course Name	Period	Total Strength	Class Strength	TCFScore
1	OE5200	Dynamics of Ocean Structures	JUL-NOV 2022	27	27	
2	OE5330	Advanced Marine Structures	JUL-NOV 2022	0	0	
3	OE2024	Analysis of Structures	JAN-MAY 2022	79	79	.8400
4	OE5410	Advanced steel design	JAN-MAY 2022	18	18	.9150
5	OE5330	Advanced Marine Structures	JUL-NOV 2021	0	0	
6	OE5200	Dynamics of Ocean Structures	JUL-NOV 2021	38	38	.9280
7	OE2024	Analysis of Structures	JAN-MAY 2021	62	62	.8120
8	OE5410	Advanced steel design	JAN-MAY 2021	13	13	.9230
9	OE5200	Dynamics of Ocean Structures	JUL-NOV 2020	44	44	.9610
10	OE5330	Advanced Marine Structures	JUL-NOV 2020	8	8	.9330
11	OE4120	Computer-aided analysis of structures	JAN-MAY 2020	0	0	
12	OE5410	Advanced steel design	JAN-MAY 2020	16	16	.8830
13	OE2024	Analysis of Structures	JAN-MAY 2020	47	47	.8610
14	OE5200	Dynamics of Ocean Structures	JUL-NOV 2019	13	13	.9720
15	OE6901	Project II	JAN-MAY 2019	9	9	
16	OE2024	Analysis of Structures	JAN-MAY 2019	48	48	.9250
17	OE6901	Project II	JUL-NOV 2018	0	0	
18	OE5200	Dynamics of Ocean Structures	JUL-NOV 2018	26	26	.8860
19	OE6901	Project II	JAN-MAY 2018	8	8	
20	OE2024	Analysis of Structures	JAN-MAY 2018	63	63	
21	OE6901*	Project I	JUL-NOV 2017	8	8	
22	OE6901	Project II	JUL-NOV 2017	0	0	
23	OE5330	Advanced Marine Structures	JUL-NOV 2017	24	24	
24	OE5200	Dynamics of Ocean Structures	JUL-NOV 2017	26	26	.7520
25	OE6005	Reliability of Offshore Structures	JAN-MAY 2017	19	19	.9490
26	PE6090	HSE Mgmt.in Petroleum & Offshore Engg.	JUL-NOV 2016	15	15	.9740
27	OE5330	Advanced Marine Structures	JUL-NOV 2016	14	14	.9140
28	OE5200	Dynamics of Ocean Structures	JUL-NOV 2016	47	47	.8620
29	OE5050	Ocean Structures & Materials	JUL-NOV 2016	15	15	.9460
30	OE5200	Dynamics of Ocean Structures	JAN-MAY 2016	29	29	.9490
31	PE6090	HSE Mgmt.in Petroleum & Offshore Engg.	JAN-MAY 2016	57	57	.8870
32	OE5330	Advanced Marine Structures	JUL-NOV 2015	5	3	.9610
33	OE5020	Design Project	JUL-NOV 2015	0	0	
34	OE5050	Ocean Structures & Materials	JUL-NOV 2015	43	43	.9750
35	OE5200	Dynamics of Ocean Structures	JAN-MAY 2015	28	28	.8650
36	PE6100	Petoleum Engg. Lab	JAN-MAY 2015	12	2	
37	PE6090	HSE Mgmt.in Petroleum & Offshore Engg.	JAN-MAY 2015	35	35	.9020
38	PE6200	Thesis Project (Part II)	JAN-MAY 2015	12	12	.9730
39	PE6200+	Thesis Project (Part II)	JAN-MAY 2015	0	0	
40	PE6200*	Thesis Project-Part I	JUL-NOV 2014	12	12	

41	PE6200	Thesis Project (Part II)	JUL-NOV 2014	0	0	
42	OE5330	Advanced Marine Structures	JUL-NOV 2014	14	7	
43	OE5050	Ocean Structures & Materials	JUL-NOV 2014	55	55	
44	OE5020	Design Project	JUL-NOV 2014	0	0	
45	OE5050	Ocean Structures & Materials	JAN-MAY 2014	2	2	
46	OE5200	Dynamics of Ocean Structures	JAN-MAY 2014	62	62	.9310
47	PE6090	HSE Mgmt.in Petroleum & Offshore Engg.	JAN-MAY 2014	37	37	.9600
48	PE6200	Thesis Project (Part II)	JAN-MAY 2014	11	11	
49	OE5330	Advanced Marine Structures	JUL-NOV 2013	5	3	.9500
50	PE6200	Thesis Project (Part II)	JUL-NOV 2013	0	0	
51	PE6200*	Thesis Project-Part I	JUL-NOV 2013	11	11	
52	OE5130	Lab I	JUL-NOV 2013	47	16	.9520
53	OE5050	Ocean Structures & Materials	JUL-NOV 2013	32	32	.9740
54	OE5020	Design Project	JUL-NOV 2013	0	0	
55	OE5200	Dynamics of Ocean Structures	JAN-MAY 2013	41	41	.9160
56	OE6005	Reliability of Offshore Structures	JAN-MAY 2013	14	7	.8360
57	PE6090	HSE Mgmt.in Petroleum & Offshore Engg.	JAN-MAY 2013	25	25	.8870
58	PE6200+	Thesis Project (Part II)	JAN-MAY 2013	7	4	
59	PE6200	Thesis Project (Part II)	JUL-NOV 2012	1	1	
60	OE5130	Lab I	JUL-NOV 2012	30	10	.8880
61	OE5330	Advanced Marine Structures	JUL-NOV 2012	15	8	.8860
62	OE5050	Ocean Structures & Materials	JUL-NOV 2012	30	30	.9280
63	OE5200	Dynamics of Ocean Structures	JAN-MAY 2012	47	47	.8610
64	OE6005	Reliability of Offshore Structures	JAN-MAY 2012	11	6	.9200
65	PE6090	HSE Mgmt.in Petroleum & Offshore Engg.	JAN-MAY 2012	14	14	.8410
66	OE5130	Lab I	JUL-NOV 2011	40	10	.8450
67	OE5330	Advanced Marine Structures	JUL-NOV 2011	19	6	.9010
68	OE5050	Ocean Structures & Materials	JUL-NOV 2011	36	18	.8790
69	OE5200	Dynamics of Ocean Structures	JAN-MAY 2011	21	21	.8330
70	PE6090	HSE Mgmt.in Petroleum & Offshore Engg.	JAN-MAY 2011	17	17	.7730
71	OE6970	Comp.Aided Analysis of Offshore Struc.&Ships	JUL-NOV 2010	7	4	.6400
72	OE5330	Advanced Marine Structures	JUL-NOV 2010	4	1	.9900
73	OE5050	Ocean Structures & Materials	JUL-NOV 2010	47	24	.8630
74	OE5130	Laboratory I	JUL-NOV 2010	28	14	.8090
75	OE5200	Dynamics of Ocean Structures	JAN-MAY 2010	8	8	.8790
76	PE6090	HSE Mgmt.in Petroleum & Offshore Engg.	JAN-MAY 2010	2	2	.9460
77	OE5130	Laboratory I	JUL-NOV 2009	0	0	
78	OE5050	Ocean Structures & Materials	JUL-NOV 2009	3	2	.9550
79	OE5190	Shipboard Training	SUMMER 2018	9	9	