

# WEST INDIAN

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### CALL FOR PAPERS

#### Special Issue on “**Capstone Projects of Engineering and Associated Disciplines in the Caribbean**”

The capstone project is a significant component in Engineering/Technology programme curricula, and provides opportunities to both undergraduate and postgraduate students at universities to develop professional skills like problem solving, analysis, synthesis and evaluation. Though the administration and management of capstone projects vary widely across the globe, the underlying spirit remains the same; that is to allow the student to work on a specific topic with little or no teaching; but under direct supervision of the academic staff.

Capstone projects provide a unique opportunity for students to work on own or with in groups on a chosen topic and to investigate, find, contribute to the engineering society. Even engineering professional accreditation bodies (like, the Institution of Chemical Engineers (IChemE), the Joint Board of Moderators (JBM), the Institution of Engineering and Technology (IET), the Institution of Mechanical Engineers (IMechE), of the UK, the Accreditation Board for Engineering and Technology (ABET) in the USA, and the European Network for Accreditation of Engineering Education (ENAE) in the Europe, etc) scrutinize the student capstone projects with great emphasis on the development or demonstration of professional maturity; mastery of engineering knowledge/tools; and effective presentation and communication skills.

The prime objective of this special issue is to publish original research, works and empirical results arising from student capstone projects and experiences from the extended areas of *Agricultural and Biosystem Engineering, Chemical and Process Engineering, Civil Engineering, Coastal Engineering, Computer and Electrical Engineering, Environmental Engineering, Geomatics Engineering, Industrial Engineering, Mechanical Engineering, Manufacturing Engineering, Petroleum Engineering, Production Engineering, and associated disciplines (like Construction Management, Engineering Management, Engineering Asset Management, Food Science & Technology, Land Management, Petroleum Geoscience, Project Management, Surveying, Urban & Regional Planning, Water & Wastewater Services Management)*. Contributed papers may deal with but are not limited to:

- Building prototypes with standard designs and technologies
- Case studies in engineering work and projects
- Design analysis of engineering products
- Design and build working prototypes, products or processes
- Development of add-on components, toolboxes for computational or development platforms, like MATLAB
- The use of International standards
- Engineering technology projects focusing on prototype development
- Management experiences of administering capstone projects.
- Prototype development with full or partial product functionality
- Capstone projects involving industry interaction, collaborations and/or partnership

### Submission Guidelines

Original Papers, relevant to the theme, are invited. Submitted papers should not have been previously published nor be currently under consideration for publication in any other journal. Manuscripts should be in English and should not normally exceed 6,000 words in length. All contributions will be subject to a double blind review process, thus there should be a separate title page giving the names and addresses of the authors. Manuscripts must be submitted electronically via email, in both Word document and pdf formats, to the Editor no later than 30th June 2017. The submission should follow the "Notes and Guidance for Authors" which can be found on the Journal home page: <http://sta.uwi.edu/eng/wije/>. Authors are invited to access and build upon the insights and wisdom of authors who have published in the WIJE.

### Important Dates:

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|--------------------------------------|-------------------------------|
| • Submission of full papers:         | <b>30th June 2017</b>         |
| • Begin review and revision process: | <b>July/August 2017</b>       |
| • Submission of revised papers:      | <b>September/October 2017</b> |
| • Final decision notification:       | <b>October/November 2017</b>  |
| • Publication of the Special Issue:  | <b>January 2018</b>           |

For submission and enquiries, send to:

Professor Kit Fai Pun, Editor, The West Indian Journal of Engineering,  
c/o Faculty of Engineering, University of the West Indies, St Augustine Campus, Trinidad & Tobago West Indies

Fax: (868) 662 4414; E-mails: [KitFai.Pun@sta.uwi.edu](mailto:KitFai.Pun@sta.uwi.edu); [uwije@sta.uwi.edu](mailto:uwije@sta.uwi.edu)