



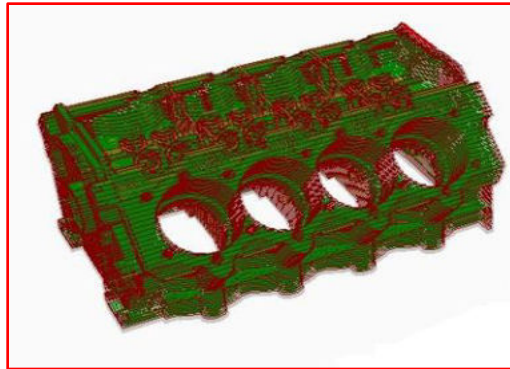
Department of Mechanical and  
Manufacturing Engineering  
**The University of the West Indies**  
St. Augustine, Trinidad

Presents a  
Public Seminar on

## 3D PRINTING IN THE CARIBBEAN INDUSTRY

Saturday 19<sup>th</sup> October 2019

IDC Imbert Building (Block2), Room 11  
Faculty of Engineering  
UWI, St. Augustine, Trinidad.



Sliced Engine Block

### Resource Person

**B. V. Chowdary, Ph.D.**  
Professor of Mechanical Engineering  
Department of Mechanical and  
Manufacturing Engineering  
The University of the West Indies  
St. Augustine, Trinidad.



Raise3D N2 Plus 3D Printer

### Target Audience

- ✓ Mechanical/Manufacturing Engineers
- ✓ Supervisors/Managers
- ✓ Manufacturing Practitioners
- ✓ Students/Graduates of Manufacturing Engineering

### Registration

- **Free**
- Due: 10<sup>th</sup> October 2019

[Register Here](#)

### Contact Us

#### Secretary

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## Preamble

Manufacturing enterprises of the Caribbean region must develop products on par with global advancements. 3D printing is one of the most important technological advancement in Additive Manufacturing which has been implemented and recognized as a part of modern industry. Moreover, 3D printing is a rapidly growing field in multiple disciplines of which few are mechanical, medical, civil, electrical and electronics.

3D printing provides several benefits such as simplicity, reliability and precision that makes it one of the most widely used for making components which can be used as concept as well as functional part.

There is a great need for the provision of proper support and awareness in the field of 3D printing. To achieve this, the primary objective of this seminar is to discuss 3D printing principles and its applications to the local industry. This seminar will also present some 3D printing case studies for future implementation in the local manufacturing sector.

## Speaker's Background

Professor Boppana Chowdary with Ph.D. from Indian Institute of Technology Delhi and Post-doctoral research from the University of Groningen, The Netherlands. He has 30 years of teaching and research experience including supervision of four MPhil and four Ph.D. projects at the UWI. Prof. Chowdary has organized various seminars and technical symposiums in Mechanical and Manufacturing Engineering area in the past. Prof. Chowdary has visited several USA, UK and European Universities on various occasions.

Prof. Chowdary has skills in several software packages such as SolidWorks, Mastercam, Geomagic Studio and Geomagic Qualify Software as well as hands-on experience with Rapid Prototyping, CNC and 3D-digitisation equipment. His expertise lies in the areas of 3D printing, CAD/CAM, Product Design & Development, Lean Manufacturing, and Flexible Manufacturing Systems.

## Program Schedule

8.30-9.00 am	Registration
9.00-9.10 am	Opening Remarks <b>Prof. E. Ekwue</b> Dean, Faculty of Engineering
9.10-10.00 am	3D Printing/Additive Manufacturing Prof. B. Chowdary
10.00-10.40am	Case Studies
10.40-10.55 am	Break
10.55-11.35am	Case Studies
11.35-11.55 am	Question& Answer Session
11.55-12.00 noon	Closing Remarks <b>Dr. J. Bridge</b> Head of Department Mech. & Mfg. Engg.