New Computing Programmes

The newly established **Centre of Excellence in Information Technology (CEIT)** at NUST, in partnership with the **Centre for the Development of Advanced Computing (CDAC), and the Government of India**, is offering the following new exciting programmes:

Certificate in Ethical Hacking and Information Security

The programme enables students to gain skills in security programming and get an in-depth insight into cognitive skills related to the Information Technology (IT) security domain. Students will be able to work in the fields of application security or ethical hacking, by acquiring practical skills to design and implement security measures in computer networks and systems.

Certificate in Advanced Web Technologies

This programme is aimed at providing an understanding of emerging approaches in web technologies. It further aims to enable students to implement web applications and prepare them to stay abreast with the ever-changing face of technology in a growing industry.

Certificate in Big Data Technologies

This programme capacitates students' knowledge of storage, processing, and analysis of big data. It explores the practical skills required to turn large volumes of data into actionable insights. This will be done through the designing and building of platforms and systems that can handle the gigantic amount of data available today. The programme further aims to develop students' abilities to analyse big data using intelligent techniques.

Who Should Attend? Applicants who have completed a Diploma programme in Computer Science, Information Systems, Information Technology or Informatics or an equivalent qualification from an accredited institution (NQF Level 6). Applicants with one-year experience in the aforementioned fields will be given priority. Applicants from other science and engineering disciplines or with prior learning experience may be admitted into this programme at the discretion of the Centre. Such applicants may be required to write a test or an interview to guide the selection.

Programme Design: Each programme consists of four or five courses scheduled over one semester and as well as a project. The programme will be delivered on full-time (day and/or evening) in accordance with NUST rules.

Assessment: Continuous Assessment with Feedback (diversified) will be used for all courses.

Certificate: Upon successful completion of all courses, a qualification credited with a minimum of NQF 60 credits (NQF Level 7), will be awarded to candidates.

Date of Commencement: Monday, 23 September 2019
Programme Fee: N$ 12 000
Deadline for Applications: Friday, 23 August 2019

Application Fee:
- **Manual:** N$ 200

Application forms are available on the website

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