POSITION DESCRIPTION

The University of Papua New Guinea

DETAILS OF POSITION

DETAILS OF POSITION	**POSITION NO.:** 121003
SCHOOL/OFFICE: SNPS	**CLASSIFICATION:** U04
DIVISION/STRAND: MSCS	**POSITION TITLE:** Lecturer/Senior Lecturer in Computer Science
BRANCH: UPNG Waigani main campus	**IMMEDIATE SUPERVISOR CLASSIFICATION & POSITION:** Strand Leader, Mathematics, Statistics and Computer Science
SECTION: Academic	**HIGHEST SUBORDINATE CLASSIFICATION & POSITION:** Other PhD holders, Senior lecturers/lecturers in MSCS
LOCATION: Science III Building	

ROLES AND RESPONSIBILITIES OF POSITION

PURPOSE

Applications are invited for the position of Senior Lecturer in Computer Science. The successful appointee will provide leadership and depth in the computer science program; develop postgraduate programs and new courses in Computer Science relevant to PNG. The appointee is expected to teach courses in Computer Science. He/She should have an outstanding record in teaching performance, a demonstrated record of achievement and proficiency in research. It is required that Candidates have a PhD in Computer Science. In addition, the candidate must be multi-skilled with experiences and able to contribute to team research, teaching and provide advice to UPNG and the Government of PNG.

ACCOUNTABILITIES

With assistance from MSCS, the Candidate will assist update and review Computer Science programs and courses from time to time as necessary to be on par with similar universities around Australia, Oceania and the world.

MAJOR DUTIES

1.   TEACHING
   - Present and coordinate undergraduate courses and deliver seminars
   - Create and maintain contact/link with industry.
   - Provide guidance to junior academics in preparing and delivering lectures and seminars.
   - Participate in curriculum and course review
   - Initiate and development of course materials
   - Supervision of program of study of honors and post graduate students engaged in course work.
   - Marking and Assessment

2.   RESEARCH SUPERVISION
   - Encourage, motivate and supervision of major research projects for both honors and post graduate students.

3.   ADMINISTRATION
   - Assist in School and Division administration as well as various UPNG committees as appropriate.

4. RESEARCH
   - Conduct research in fields of Computer Science as well as research in collaboration with external universities
   - Seek external funds for research purposes and manage research funds
   - Public ethical research results as well as present research papers at public forums within scientific communities

5. OUTREACH
   - Provide unpaid consultancy and advisory role if required by UPNG/Others
   - Develop course materials for short courses
   - Conduct short courses as appropriate

6. DISTANCE EDUCATION
   - Develop course materials for distance education

SELECTION CRITERIA

TRAINING LEVEL OR QUALIFICATIONS

FACTORS	
Professional Qualifications	PhD in Computer Science or Information Technology is an advantage.
Publications	Evidence of past publications in reputable international journals and contributions to scientific meetings and conferences
Abilities	Must be able to teach and lead research in any field of mathematics is essential and crucial
Experience	A number of years of experience in research as well as experience in using popular mathematical computing tools
Breath of Skills	Multi skilled in being able to teach across a broad spectrum of courses in computer science and computing mathematics in order to provide support when required
Other Skills	Strong computing skills, able to code in one or two computer languages (not essential),have skills to make contact with government and industry agencies

KNOWLEDGE, SKILLS AND PERSONAL ATTRIBUTES

1. Knowledge and skills as listed table above.
2. Motivated and enthusiastic about these fields and about teaching and research
3. Knowledge of the UPNG Code of Conduct
4. Appreciate the cultures and traditions of the people of Papua New Guinea

HISTORY OF POSITION – (HR DIVISION OFFICE USE ONLY)

UPNG FILE NO.	DATE OF VARIATION	DETAILS