POSITION DESCRIPTION

The University of Papua New Guinea

DETAILS OF POSITION	**POSITION NO.:** 121019
SCHOOL/OFFICE: SNPS	**CLASSIFICATION:** U02
DIVISION/STRAND: MSCS	**POSITION TITLE:** Lecturer 1 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:** Senior lecturers/lecturers in MSCS
LOCATION: Science III Building	

ROLES AND RESPONSIBILITIES OF POSITION

PURPOSE

The University invites applications for the position of Lecturer 1 in Computer Science. Candidates sought for the **Lecturer 1** position should be a committed academic with expertise in any area of computer science. Applicants with teaching and research interests in a computer science or information technology areas will be considered. Proficiency and experience in other areas of computer science is desirable. The successful candidate is expected to undertake research, consultancy, or further education to develop his/her field of specialization. He/she will have the capacity and interest to participate in innovative teaching methods including technology enabled learning, (Learning Management Systems) flexible delivery and problem base learning (distance education). Proficiency in other areas of mathematics, statistics or computer science and experience in integrating mathematics learning with computer applications is desirable

ACCOUNTABILITIES

The successful candidate is expected to undertake research, consultancy, or further education to develop his/her field of specialization. The candidate should be enthusiastic, motivated and eager to assist teaching, as well as in his/her further development in teaching for undergraduate programs in Computer Science.

MAJOR DUTIES

1. TEACHING
   - Produce, coordinate and conduct lectures (and assessments) for undergraduate courses
   - Maintain contact/link with industry

2. ADMINISTRATION
   - Assist in school and strand administration as well as various UPNG committees as appropriate

3. RESEARCH
   - Conduct research in fields of computer science as well as research in collaboration with external universities
   - Encourage and lead junior staff to carry out research
   - Publish ethical research results as well as present research papers at public forums within scientific communities

4. OUTREACH
   - Provide unpaid consultancy and advisory role if required by UPNG/Others
   - Conduct short courses as appropriate

5. DISTANCE EDUCATION
   - Develop course material for distance education

SELECTION CRITERIA

TRAINING LEVEL OR QUALIFICATIONS (for Lecturer Position)

FACTORS	
Professional Qualifications	Masters in Computer Science or Information Technology is preferred
Publications	Evidence of past publications in reputable international journals and contributions to scientific meetings and conferences
Abilities	Must be able to teach and conduct research in any field of mathematics is essential and crucial
Experience	A number of years of experience in teaching and research as well as experience in using popular mathematical tools and computing tools using at least two programming languages
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 mathematics/statistics knowledge is desirable

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

HISTORY OF POSITION – (HR DIVISION OFFICE USE ONLY)

UPNG FILE NO.	DATE OF VARIATION	DETAILS