

POSITION DESCRIPTION

IDENTIFICATION

Position Title: Professor of Computing Sciences and Information Sciences

Position Number: LSM014

School: School of Information, Technology, Engineering, Mathematics and Physics - STEMP

Location: Laucala Campus

Category: Professor

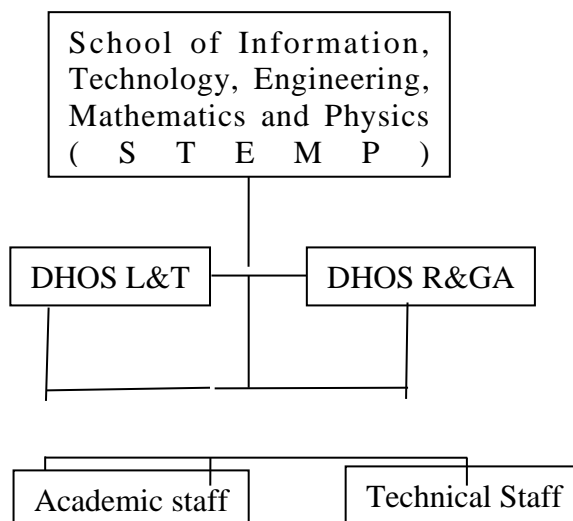
Current Incumbent:

Date of substantive appointment: Semester 1 2027

Reports To: Head of School (STEMP)

Supervised by: Head of School (STEMP)

ORGANIZATION CONTEXT



PURPOSE

The purpose of this position is to contribute towards the CS/IS discipline in planning, teaching, marking, exam setting, paper moderation, administration duties, counseling students, coordinating courses at undergraduate and post graduate level and delivering excellent standards of teaching and research. The Professor will also do research and publish in ranked journals annually.

NATURE AND SCOPE

A Professor is expected to have made a sustained and excellent contribution at the international level to academic research and leadership within the relevant discipline, have demonstrated sustained distinction in interdisciplinary contributions. to champion academic standards and freedom, to demonstrate excellent communication skills, and the ability to network effectively and interact with a diverse range of students and staff.

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The incumbent will take a leadership role in further strengthening of the core offerings in the school including the maintenance of accreditations of the ICT programmes. The incumbent will also lead the design and development of the curriculum, teaching undergraduate and postgraduate courses both on campus and through the flexible modes of delivery, conduct and lead research in relevant areas and contribute to the University’s research directions. The incumbent should have a demonstrated international academic excellence, and outstanding contribution to teaching, research, and scholarship. Typically, he is a leader in the area, he has initiated research and case studies in CS/IS and has published findings in high ranked international journals and textbooks.

POSITION DIMENSIONS

Give details of staff and total level of costs within the organization under the position’s overall control.

Staff Responsible for:

Directly: Not Applicable (N/A) Indirectly: N/A Total Level of Costs: None

Limits of Authority:

Financial: None Non-Financial: N/A

Key Relationships /Internal and External Contacts:

Lists the key inter-relationships that is necessary for effective performance in the job. Also describe the nature of contact most typically expected with those key working relationships.

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| <p>Internal</p> <ul style="list-style-type: none"> • Head of School (HoS) • Academic and support staff • Other academic staff in related disciplines | <p>Purpose of contact</p> <ul style="list-style-type: none"> • Teaching CS/IS courses. • Engage in research in a multidisciplinary environment. • Liaison, Consultations and Collaborations |
| <p>External</p> <ul style="list-style-type: none"> • Governmental institutions in USP’s member countries and beyond • NGO’s in USP’s member countries and beyond • Members of programme Advisory Committee • Industry Stakeholders • ACS Australia • National and international research institutions • IEEE | <p>Purpose of contact</p> <ul style="list-style-type: none"> • Liaising with relevant contacts for carrying out research and management in the Pacific islands. • Attracting substantive external funding for research and applied projects. • Forming stronger industry partnership for students’ academic growth |

KEY RESULT AREAS / KEY ACHIEVEMENT AREAS

Aim: KRAs to have a logical heading. KRAs: 4 – 6.in total Key tasks: 4-5 tasks per KRA.

Performance Measures: Identify the performance standards for someone doing the job at the 100% level. Use both quantitative and qualitative measures, Measures the KRA as a whole, not every task. Maximum 3 measures for each KRA Include KRA for Corporate Responsibilities which is generic to all positions.

(Keep measures general at this stage, as the precise performance standards can be spelled out as part of the performance management process)

| Key Result Areas <i>Jobholder is responsible for</i> | Performance Measures <i>Jobholder is successful when</i> |
|--|---|
| 1. Teaching and Learning <ul style="list-style-type: none"> • Teaching postgraduate and undergraduate courses for CS/IS • Preparation and delivery of lectures • Attracting and supervising postgraduate students • Coordinating teaching within the discipline • Revising and developing courses and programs (when required) • Monitor and evaluate teaching standards and student satisfaction. • Academic advising and consultation with students • Prepare the new courses in CS/IS on need basis. • Prepare course descriptors with the consultations of Board of Studies (BoS) for STEMP. | <ul style="list-style-type: none"> • Number of courses taught according to workload model. • Course materials are of excellent quality. • Increase in postgraduate students. • School curricula regularly reviewed. • High reported student satisfaction • Peer evaluation |
| 2. Research <ul style="list-style-type: none"> • Playing a significant role in externally/internally funded project development and project implementation • Conduct of individual and/or collaborative research; and developing a reputable publication record • Engaging and networking with external researchers, agencies, and the wider community • Supervise Masters and PhD students. • Applying for external research funding for the benefit of the CS/IS staffs and students. | <ul style="list-style-type: none"> • Research and other proposals are submitted. • Research funds are secured. • Research papers are published in ISI listed journals. • Technical Reports are submitted to agencies and other stakeholders. • network including external researchers, agencies, and the wider community is well established. • Number of students supervised |
| 3. Leadership for the School <ul style="list-style-type: none"> • Leadership of CS/IS Discipline • Record keeping of student's exam marks, courses offered, printing of exam | <ul style="list-style-type: none"> • School Review |

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| <p>papers, setting up the exam,</p> <ul style="list-style-type: none"> • Attendance at Discipline/School meetings and a major role in planning or committee work. • Work with supporting tutor assigned to the course. • Other duties assigned by the HOS-STEMP. • Cement the members of the discipline into a cohesive team with a joint sense of purpose and a specific identity. • Contributing to School and other committees • Attendance at Programme Advisory Committee meetings • Participate in community events and collaborations. | |
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TERMS & CONDITIONS

The position is available for a term of 5 years and may be renewed by mutual agreement.

Salary Range: FJ \$ 177,533.81 to FJ \$191,928.72 per annum

The University may offer an attractive market loading to exceptional candidates.

POSITION SPECIFICATION

Qualifications (or equivalent level of learning)

| <i>Essential</i> | <i>Desirable</i> |
|--|---|
| <ul style="list-style-type: none"> • A PhD in Computing Sciences and Information Sciences Or cognate discipline, and be a leading, international authority in this area; • extensive teaching experience; • made a sustained and excellent contribution at international level to academic research and leadership within the relevant discipline; • demonstrated sustained distinction in your interdisciplinary contributions; • championed academic standards and freedom; • demonstrated excellent communication skills, and the ability to network effectively and interact with a diverse range of students and staff; • demonstrated sustained leadership in tertiary teaching, including research-informed teaching, curriculum development and the enhancement of teaching quality, and demonstrated commitment to promoting and | <ul style="list-style-type: none"> • Formal tertiary teaching qualifications |

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| <p>advancing the principles of equity, inclusion, and diversity;</p> <ul style="list-style-type: none"> • an outstanding track record in research, with outcomes of high quality and impact (including peer-reviewed publications, e.g., journal articles, book chapters, monographs), evidence of attracting external funding and/or of principal investigation in international research projects, and proven experience in successfully recruiting and supervising research students to completion. | |
|---|--|

Knowledge / Experience

| <i>Essential</i> | <i>Desirable</i> |
|--|---|
| <ul style="list-style-type: none"> • He must demonstrate sustained leadership in tertiary teaching, including research-informed teaching, curriculum development and the enhancement of teaching quality, and demonstrated commitment to promoting and advancing the principles of equity, inclusion, and diversity. • He must have an outstanding track record in research, with outcomes of high quality and impact (including peer-reviewed publications, e.g., journal articles, book chapters, monographs), evidence of attracting external funding and/or of principal investigation in international research projects, and proven experience in successfully recruiting and supervising research students to completion. | <ul style="list-style-type: none"> • experience in distance and flexible education and • evidence of excellence and leadership in teaching • working in a multi-cultural environment |

APPROVAL

Supervisor name: Professor Bibhya Sharma – Head of School

School of Information, Technology, Engineering, Mathematics and Physics - STEMP