**ROYAL UNIVERSITY OF BHUTAN**

**POSITION PROFILE**

1. **JOB IDENTIFICATION**
   1. **Position Title: Assistant Lecturer/Associate Lecturer/ Lecturer**
   2. **Position Level: PL6/PL5/PL4**
   3. **Occupational Group: Academics**
   4. **College/OVC: College of Science and Technology**
2. **MAIN PURPOSE OF THE POSITION***:*

* To carry out teaching, research and administration works within the Electrical Engineering Department
* Should be conversant and confident to teach any of the modules at the Degree Level Programme in Electrical Engineering at any point of time.
* Required to teach two to three modules and related practical.
* Able to guide the final year students research projects.

1. **GENERAL ROLES AND RESPONSIBILITIES:**

***Teaching***

* Teach modules (full load) and support students within own subject area at least up to the undergraduate level;
* Set and mark assessments, and advise students on their progress;
* Develop and deploy teaching and learning materials in area of own expertise;
* Plan and review own approach to learning;
* Take responsibility for organizing own activities and for the management of allocated resources;

***Research and Innovation***

* Generate fund for the University through research projects, consultancies and advices;
* Supervise research projects and dissertation where these are part of the Programme(s) of study;
* Contribute to design of research projects and define methods such as conducting surveys and focused interviews;
* Carry out literature searches within pre-specified parameters;
* Run analysis/interpreting data using specified and agreed techniques/models;
* Prepare summary reports of research methods/findings;
* Contribute to dissemination and publication of research findings; and
* Carry out small-scale research projects on their own or as a lead in a team and publish some quality papers including few in reputed journals.

***Professional Services***

* Contribute as resource persons, coordinators or organizers for various professional development activities within the College/University as well as for those outside the University.
* Participate in developing and promoting a clear vision of the College’s/unit’s strategic direction;
* Participate as a team member to support senior colleagues, who have delegated responsibility for specific strands of work/sub-units;
* Contribute to the operation of the University by participating in decision-making and governance including committees or taskforce as appropriate, at College and/or University level;
* Represent and promote the University externally – nationally and internationally e.g. managing relations with external partners and stakeholders;
* Coordinate the organization of conferences, seminars, workshops and/or working with relevant experts in the area of specialization; and
* Provide guidance to other staff and students.

1. **SPECIFIC ROLES AND RESPONSIBILITIES:**

He/she should be conversant and confident to teach any of the following modules at the

Degree Level Programme in Engineering at any point of time:

* Basic Electrical Engineering
* Circuit Theory – I
* Instrumentation Systems
* Circuit Theory – II
* Electrical Machine-I
* Electrical Machines-II
* Power Generation
* Control System
* Power Transmission and Distribution
* Power System Analysis
* Power Electronics
* High Voltage Engineering
* Switchgear and Protection
* Introduction to Research
* SCADA and Automation
* FACTS Controllers
* Industrial Electronics and Drives
* Electrical Machine Design
* Entrepreneurship Development
* Advanced Power System Protection
* Power Market and Trading
* Engineering Economics

1. **KNOWLEDGE, SKILLS & ABILITIES (KSA) REQUIREMENTS**
   1. **Education: PhD/ MSc./ M.Tech / B.E/B.Tech in Electrical Engineering/Power System/Renewable Energy.**
   2. **Experience: None**
   3. **Knowledge Skills and Abilities:**
2. Ability to demonstrate high level of commitment to teaching
3. Ability to listen and being open to multiple views, perspective, and feedback
4. Engagement in continuous learning and development, and committed to continuous improvement by recognizing to change personal, interpersonal and managerial behavior.
5. Sound skills in research, analysis and dissemination of knowledge mainly by way of publication.
6. Ability to master in a particular field of specialization and provide excellent learning outcomes among the students.