

# ROYAL UNIVERSITY OF BHUTAN

## POSITION PROFILE

### 1. JOB IDENTIFICATION

1.1 Position Title	Lecturer/Associate Lecturer/Assistant Lecturer (Fixed-Term)
1.2 Position Level	4/5/6 (as per RUB Position Classification)
1.3 Occupational Group	Academics
1.4 College/OVC	Jigme Namgyel Engineering College

### 2. MAIN PURPOSE OF THE POSITION

To undertake full-time academic responsibilities for a fixed term of two years, with a particular focus on teaching modules such as Spatial Data Management, Computer Aided Mapping, Photogrammetry, Remote Sensing, Cartography, GIS, GNSS, etc. under the Diploma in Surveying programme. The role primarily involves teaching, assessment, curriculum improvement, and academic advising. The faculty member is also encouraged to contribute to research and professional services within the scope of the appointment and departmental priorities.

### 3. GENERAL ROLES AND RESPONSIBILITIES

#### 3.1 Teaching and Learning

- Teach at least two modules per semester at the diploma level.
- Plan, deliver, and assess student learning using effective pedagogical methods.
- Develop instructional materials aligned with programme learning outcomes.
- Set and mark assessments, maintain records, and advise students on their academic progress.
- Continuously evaluate and improve teaching and learning strategies.
- Participate in curriculum review and quality assurance initiatives.

#### 3.2 Research and Innovation

- Engage in applied research or pedagogical research aligned with the college's academic priorities.
- Prepare and submit research proposals for funding.
- Supervise student projects where applicable.
- Collect, analyze, and interpret data using appropriate research methodologies.
- Present and publish research findings in relevant forums and journals.

#### 3.3 Professional Services

- Serve as a resource person for workshops, seminars, or training within or outside the college.
- Participate in strategic planning and institutional development activities.
- Serve on college committees and task forces.
- Contribute to community outreach and professional service programs.
- Assist in organizing academic and co-curricular activities and events.
- Guide students and junior staff in academic and administrative matters.

#### **4. SPECIFIC ROLES AND RESPONSIBILITIES**

Depending on semester allocation and department requirements, the recruited faculty shall teach and assess the following modules. At any given time, the faculty will be assigned two or more of the following modules under the Diploma in Surveying:

##### **4.1 Autumn Semester**

- Spatial Data Management (CAS104)
- Cartography (CTR202)

##### **4.2 Spring Semester**

- Computer Aided Mapping (CAS102)
- Principles and Application of GNSS (CAS108)

##### **4.3 Additional Modules (as per departmental requirement):**

- Introduction to Surveying (BSR101)
- Principles and Application of GIS (CTR103)
- Photogrammetry (RST103)
- Applied Remote Sensing (RST209)
- Land Management and Administration (LMA201)
- Computation and Field Surveying-I (CAS101)
- Surveying Analysis and Adjustment (CAS209)
- Computation and Field Surveying-II (CAS206)
- Geodesy (GDS202)
- Engineering Survey (CAS205)
- Unmanned Aerial Vehicle (RST408)

#### **5. KNOWLEDGE, SKILLS & ABILITIES (KSA) REQUIREMENTS**

##### **5.1 Education:**

M.E./M.Tech. /M.Sc with Specialization in Surveying and Mapping/ Photogrammetry/ Remote Sensing/ GIS/ GNSS or B.E/B.Tech. in Surveying and Geoinformatics/Cartography/Photogrammetry/ Unmanned Aerial Vehicle (UAV)/Remote Sensing/ GIS/ GNSS or Equivalent.

**5.2 Experience:** Teaching or industrial experience in relevant fields will be an added advantage.

##### **5.3 Knowledge, Skills, and Abilities:**

- The candidates applying for the advertised post should possess the following:  
Ability to demonstrate high level of commitment to teaching
- Ability to listen and being open to multiple views, perspective, and feedback
- Engagement in continuous learning and development and committed to continuous improvement by recognizing to change personal, interpersonal and managerial behavior.
- Sound skills in research, analysis and dissemination of knowledge mainly by way of publication.
- Ability to master in a particular field of specialization and provide excellent learning outcomes among the students.

#### **6. DURATION OF APPOINTMENT**

- Two (2) Years Fixed-Term Contract, commencing from the Autumn Semester 2025.