

3. Dr Sharad Sinha(*Co-Principal Investigator- Nepali*)

A) **Designation:**Assistant Professor, Department of Computer Science & Technology, University of North Bengal

B) **Education:**MCA, PhD

C) **Experience:** 23 years of Teaching and Research experience

D) **Areas of Interest:**Cryptology, Natural Language Processing

E) **Projects:**

- Co_ Investigator for MeitY sponsored project titled ‘*Development of Major North-Eastern Languages – Nepali*’ in consortium mode under the leadership of C-DAC, Pune.
 - Outcome: Nepali to English Dictionary of approx. 1500words, Nepali CLDR, Nepali Script Grammar, Nepali Corpus of approx. 1500000 words.
 - Target: Nepali Grammar & Spell checker, TT & OT fonts, Nepali keyboard design
 - Duration: 3 years
 - Fund amount: Rs. 72 lakhs approx.

- Co PI for MeitY sponsored project titled ‘*Indian Languages Corpora Initiative (ILCI) – Phase 2 (Nepali)*’ in consortium mode under the leadership of Jawaharlal Nehru University, Delhi.
 - Outcome: English – Nepali Bilingual Corpus of approx. 1,00,000 sentences in Health and Tourism domains with tagging and chunking.
 - Target: Machine translation
 - Duration: 3 years

