



DEPARTMENT OF APEX INSTITUTE OF TECHNOLOGY

PROJECT PROPOSAL

1. Project Title: -

Image Captioning using Deep Learning

2. Project Scope: - (Max 500 words)

The primary scope of this project is to create a robust and adaptable model capable of generating accurate and contextually relevant captions for a diverse range of images. The emphasis is on addressing the limitations observed in existing systems, particularly in terms of linguistic coherence, diversity in image datasets, and adaptability to varied visual contexts.

3. Requirements: -

➤ Hardware Requirements

1. NVIDIA GeForce RTX 30 series.
2. Intel Core i7 or Xeon series with multicore architecture.
3. 32GB DDR4 RAM.
4. 1TB NVMe SSD.
5. Gigabit Ethernet or higher.

➤ Software Requirements

1. Operating system: Windows 10.
2. Coding Language: Python
3. Web framework: Flask

STUDENTS DETAILS

Name	UID	Signature
Manan Khanna	21BCS11869	
Bhudil	21BCS9534	
Piyush	21BCS8997	
Nikhil	21BCS6102	

Ishant	21BCS6144	
--------	-----------	--

APPROVAL AND AUTHORITY TO PROCEED

We approve the project as described above, and authorize the team to proceed.

Name	Title	Signature (With Date)
Alankrita Aggarwal	Image Captioning using Deep Learning	