## Students' Placement Office

## Students' Placement Office, IIT Kanpur

## **Project Verification Form**



Title of the Project	Genetic Theory of code-switch evolution
Commencement Date	12 <sup>th</sup> September 2020
<b>Completion Date</b>	Ongoing
Project Supervisor	Prof. Mayank Singh
Organization/Institution where the	IIT Gandhinagar
Project was accomplished	

**Project Description** (You can use extra A4 sheets in case you run out of space however the extra sheets should also have the seal & signature of the Project Supervisor or the relevant authority )

- Adapted with the state of the art technology used in sentence simplification to later work on code-mixed sentences
- Operated LaBSE, a pre-trained multilingual s-bert model, to generate sentence embeddings of initial code-mixed sentences
- Utilised genetic algorithm to optimise code-mixed sentences using bilingual constrain like free morpheme

## By appending your signatures to this form you acknowledge and agree that:

- This form along with the certificate would serve as the official document between the project supervisor and Students Placement Office, IIT Kanpur regarding verification of the student's project work
- The student will provide additional information and documentation relevant to his/her project upon request by the Students' Placement Office
- The student has clearly defined his/her individual role in projects done in cooperation with other students, faculty, groups or company personnel.
- Incorrectly over-stating the reach, impact and/or quantitative/qualitative results of a project is unethical.
- In case of violation of any of the above rules, Students' Placement Office, IIT Kanpur reserves the right to take necessary action including de-registering the student from the placement season and reporting the misconduct to the Institute Authorities.

Submitted by:-	Project Supervisor Details:-
Name: Shubham Gupta	Name: Prof. Mayank Singh
Roll No: 180749	Designation: Assistant professor, Computer Science and Engineering, IIT Gandhinagar
Signature:	Signature: