Relational

DEPARTMENT

dept_no (PK)	name	id	location	email	HOD_name

Department – faculty –id

Dept_no (PK, FK)	Faculty_id (PK, FK)

Department Project

dept_no (PK), (FK)	Project_id (PK, FK)

opted

Dept_id (PK, FK)	Project_id (PK, FK)

faculty – Project

Project id (PK, FK)	Faculty –id (PK, FK)

faculty

faculty_id (PK)	designation	doj	dob	gender	phone_no	address	name	salary	department	dept_no

works
dept

taught

Roll no (PK, FK)	faculty_id (PK, FK)

teaches

faculty_id (PK, FK)	rd. course (PK, FK)

faculty_sec

name (PK, FK)	faculty_id

course

id (PK)	name	department	credit	dept_id (FK)

Student—course

Rollno (PR, FK)	course-id (PR, FK)

course—sec

id. course (PR, FK)	name . sec (PK, FK)

Student

Rollno (PK)	name	dob	gender	address	age	Phone-no	hobby	dept_no (FK)	Sec-name (FK)	Project_id (FK)

sec

name (PK)	max. capacity	no of students	dept_no (FK)

Mini project—sec

Project-id (PR, FK)	name. sec (PR, FK)

Mini Project

Project_id (PK)	name	Subject	description