TIME TABULAR

Introducing AI Timetable Generator: Reclaim Your Time!

Manual timetable creation is complex, time-consuming, and error-prone. Our AI-powered tool automates timetable generation while respecting constraints. Key benefits include significant time savings, optimized resource allocation, and error reduction. This tool is for college administrators, department heads, and timetable coordinators.

The Problem: Manual Timetable Creation

Time Intensive

Timetable creation can take weeks. A university spends 2-3 weeks per semester on timetables.

Error-Prone

Manual processes lead to scheduling conflicts, impacting students and faculty.

Constraint Management

Balancing teacher workload, room availability, and student preferences is difficult.

Inefficient

Inefficient timetable causes student dissatisfaction, drop in enrollment numbers.

How It Works: Automating Timetable Generation

1 **Data Input**

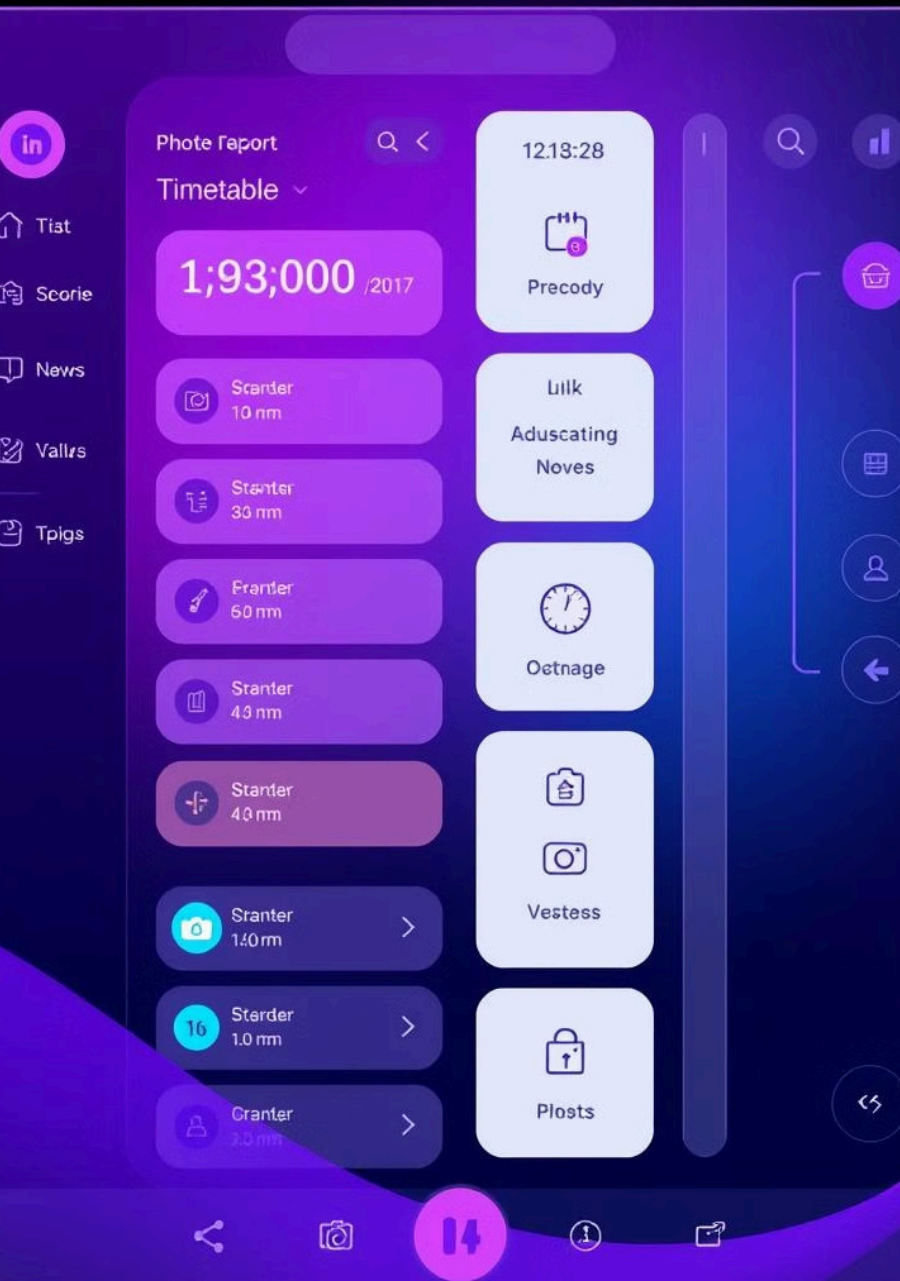Enter college data: branch, sections, faculties, subjects, and faculty specialization.

2 **AI Engine**

Our AI algorithm generates multiple timetable options in minutes.

3 **Constraint-Based Optimization**

AI strictly follows constraints, preventing overburdening, overlapping, and ensures adequate breaks.

Key Features: Flexibility and Control

Multiple Timetables

Generate multiple timetable options to compare and choose from.

Export/Print

Easily export timetables in various formats for sharing and printing.

Interactive Input

Fine-tune timetables with natural language prompts.

Conflict Detection

The system immediately flags constraint violations during manual edits.

Benefits: Time and Resource Savings

1

Time Savings

Reduce timetable creation time by up to 90%.

2

Resource Optimization

Efficiently allocate teachers and classrooms.

3

Error Reduction

Eliminate scheduling conflicts and ensure constraint compliance.

Period/Day	09.40 - 10.40	10.40 - 11.40	11.40 - 12.40	12.40 - 1.20	1.20 - 2.20	2.20 - 3.20	3.20 - 4.20
MON	CD	ML	DevOps	L U N C H	IOT	FSD	EIA
TUE	EIA	IOT	FSD		DevOps LAB		
WED	IOT	FSD	CD		ML LAB		
THU	FSD	IOT	SPORTS		CD	ML	EIA
FRI	ML	EIA	CD		FSD	DevOps	LIBRARY
SAT	DevOps	CD	ML		DevOps	IOT	MENTORING

B.Tech (CSE)-VI Semester

CLASS TEACHER : Mrs.R.PAVITRA

Section : B

Class Room: C - 304

Name of the Subject	Abbrivation	Sub Code	Faculty Name
DevOps	DevOps	D56PC17	Mr.KIRAN
COMPILER DESIGN	CD	D56PC18	Dr.K.L.S.SIRISHA
MACHINE LEARNING	ML	D56PC19	Mrs.R.PAVITRA
FULL STACK DEVELOPMENT	FSD	D56PE3	SHAIK MAHAMOOD BASHA
INTERNET OF THINGS	IOT	D56PE4	Dr.N.CHANDRA KALA
ENVIRONMENTAL IMPACT ASSESSMENT(OE-I	EIA	D56OE1	Mrs. B.KARUNA
DEVOPS LAB (N-206)	DevOpsLAB	D56PC20	Mr.KIRAN
MACHINE LEARNING LAB (N-206)	ML LAB	D56PC21	Mrs.R.PAVITRA/SHAIK MAHAMOOD BASHA
MANDATORY COURSE (Intellectual Property Rights*)	MC	MC003	

THE FINAL OUTPUT

THANK YOU