

# Student Performance Dashboard

Malkanagouda Patil

Student Overview

Academic Performance

Courses & Grades

Engagement

## Student Overview

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Engagement

Nationality

All

Department

All

Program

All

Semester

All

Course Code

All

Enrollment Year

2015 2020

# Student Overview Performance Dashboard

By  
Malkanagouda



2836  
Total Students



2.97  
Average G...



68  
Nationality



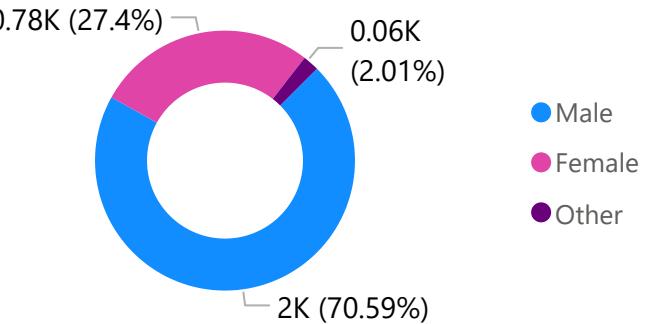
322  
In Dean's L...



1134  
Thesis

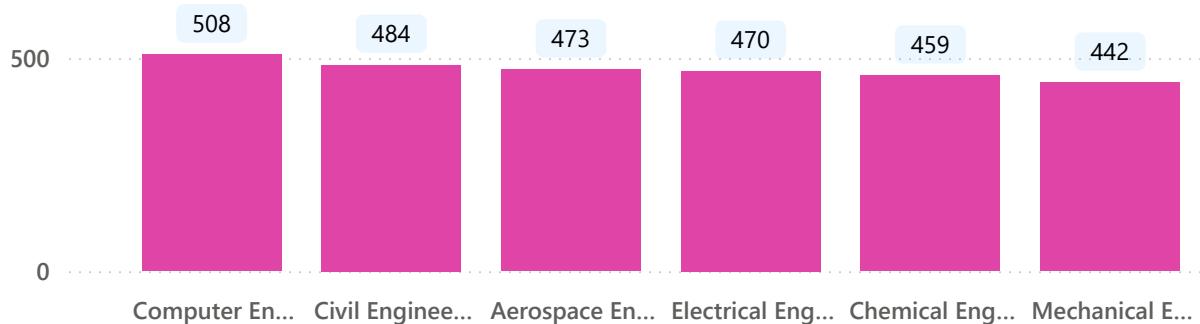
## Gender Distribution

Proportion of students by gender.



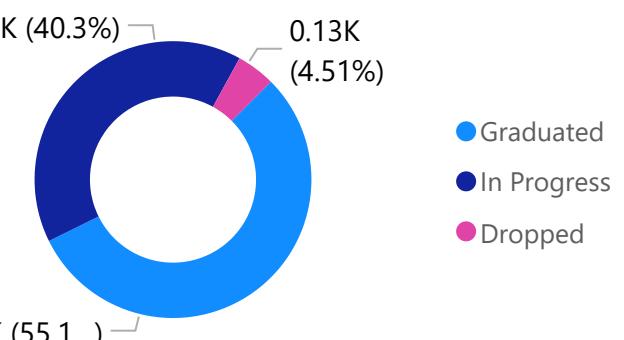
## Students by Department

Enrollment numbers in each engineering department.



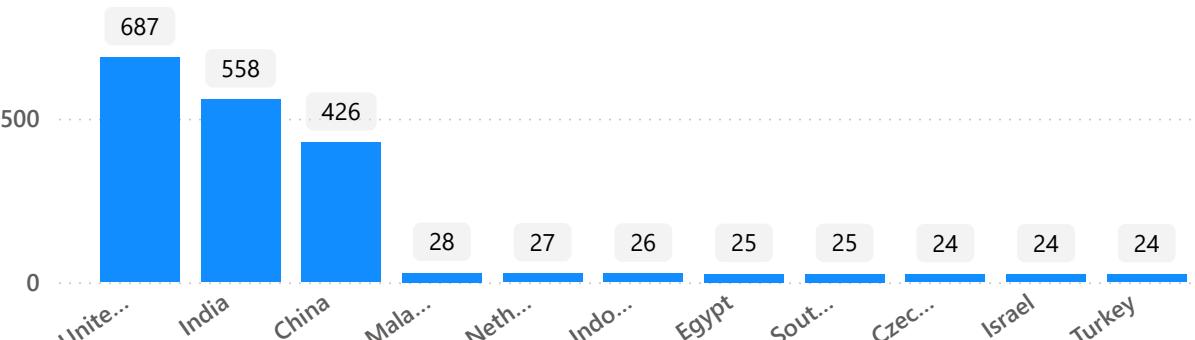
## Graduation Status

Graduated vs. In Progress vs. Dropped.



## Top 10 Nationality by Students

Where our engineering students come from



## Academic Performance

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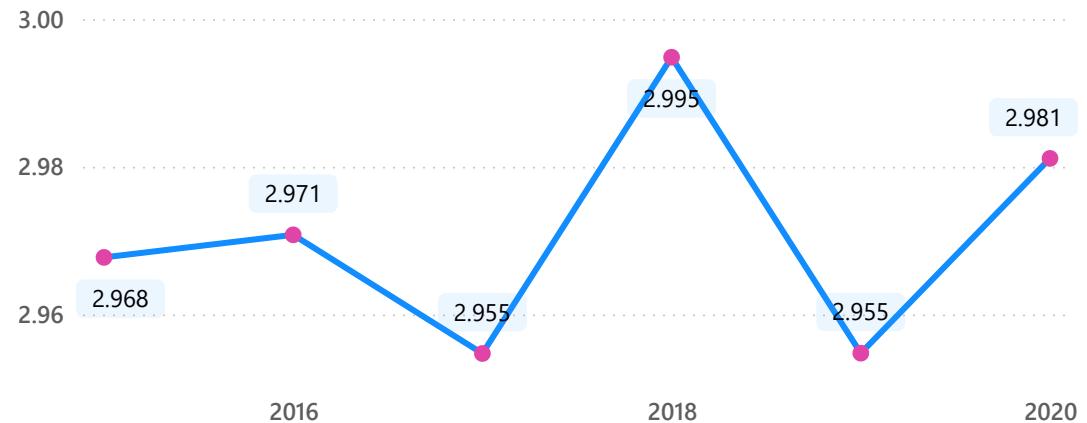
2015 2020

# Student Academic Performance Dashboard

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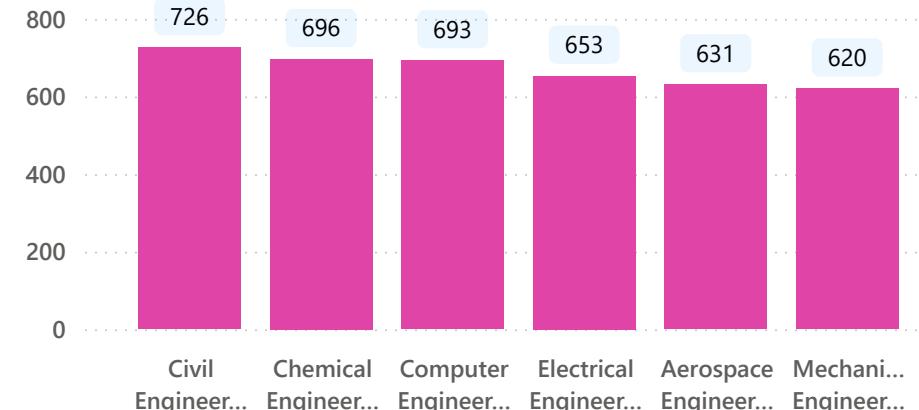
## GPA Trend by Enrollment Year

Compare GPA over time by cohorts



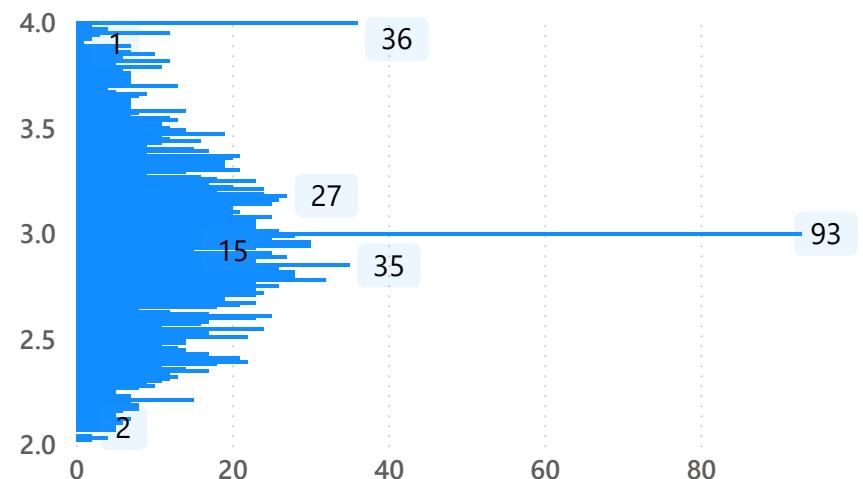
## Backlogs by Department

Academic struggles grouped by department



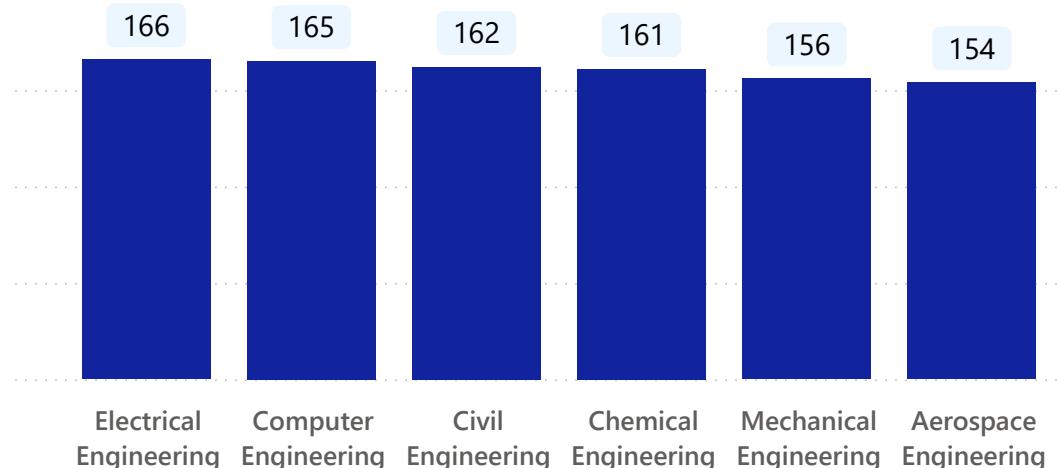
## GPA Distribution

How GPAs are distributed among students



## AVG GPA by Department

Average GPA grouped by department



## Course & Grades

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All

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# Student Courses & Grades Performance Dashboard

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## Course Grades by Course Code

Grade trends across engineering courses



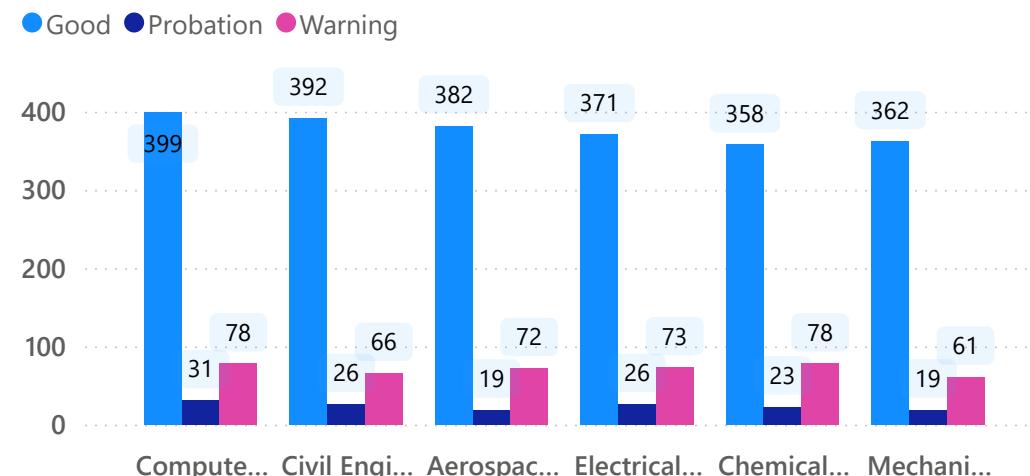
## Students count by Course and Semester

Track student performance across time

Course Code	1	2	3	4	5	6	7	8	Total
CE303	66	56	71	71	55	61	58	76	514
CHE305	63	51	60	66	57	53	69	61	480
EE202	58	51	57	52	56	74	49	71	468
ME101	61	63	59	54	55	65	62	47	466
CPE404	64	56	66	51	61	50	62	49	459
Total	369	331	365	350	338	371	352	360	2836

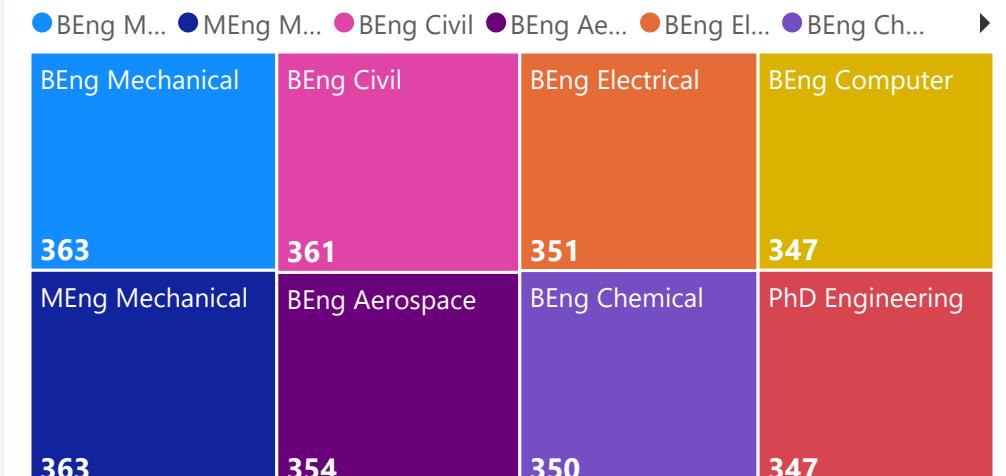
## Academic Standing by Department

Comparison of student standing across departments.



## Students by Program

Distribution of students across engineering programs



## Engagement & Completion

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All

Semester

All

Course Code

All

Enrollment Year

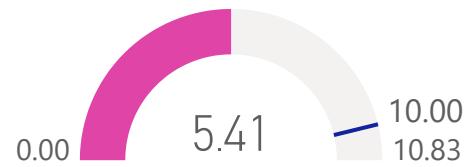
2015 2020

# Student Engagement & Completion Performance Dashboard

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## Average Exit Survey Score

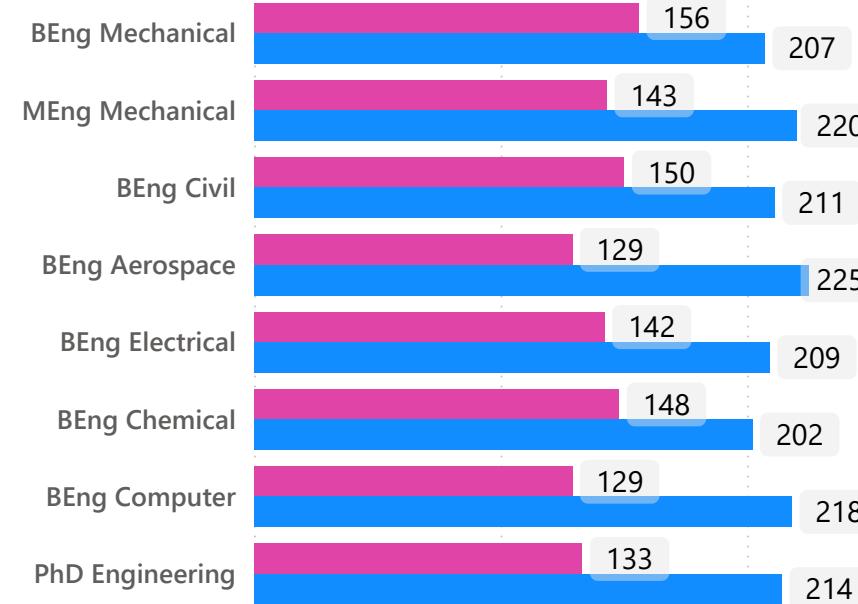
Student-reported satisfaction with university experience



## Internship Completion Rate by Program

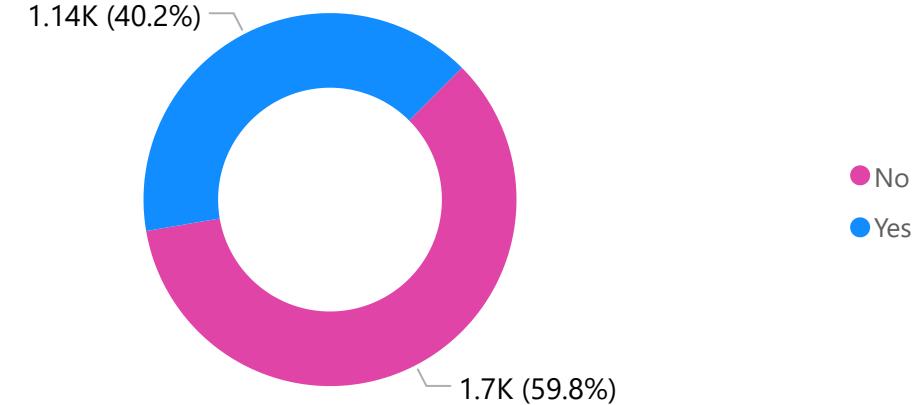
How many students complete internships?

No Yes



## Extracurricular Participation

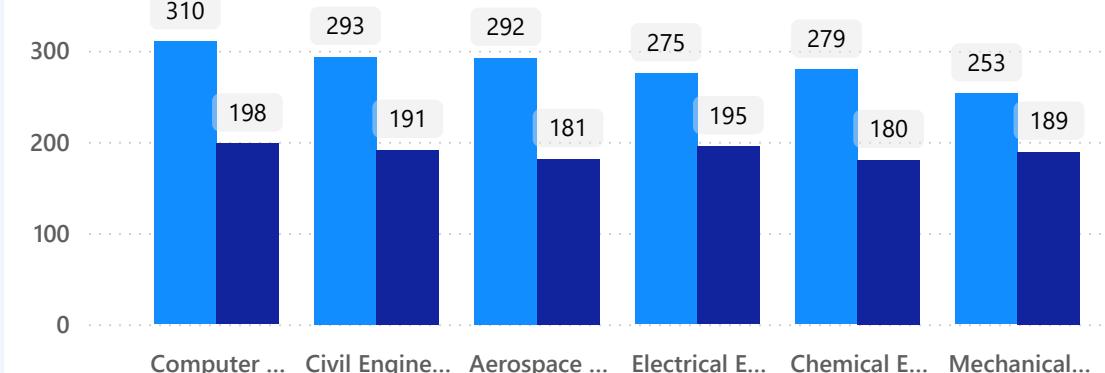
Involvement in clubs and non-academic activities



## Thesis Submission by Department

Research contribution by department

No Yes



## Instructions

Student Overview

**Student Overview:** View overall student metrics and distribution.

Academic Performance

**Academic Performance:** Click to analyze trends in GPA, attendance, and backlogs.

Courses & Grades

**Courses & Grades:** Click to explore grades and academic outcomes by course and semester.

Engagement

**Engagement:** Click to review internship, thesis, and extracurricular participation.

Nationality

All

**Nationality:** Select one or more countries to filter students by their origin.

Department

All

**Department:** Select a department to view data for a specific engineering discipline.

Program

All

**Program:** Choose an academic program to narrow down the dataset.

Semester

All

**Semester:** Pick a semester number to focus on students in that stage of their program.

Course Code

All

**Course Code:** Select a course to view grades and performance metrics related to it.

Enrollment Year

2015      2020

**Enrollment Year:** Select a year to analyze students who enrolled in that specific cohort.

