

# Guide to BITS Dual Degree Programs

## Some important points

### 1. CGPA: The CGPA is combined for both B.E. and M.Sc. degrees.

IF THERE ARE 400 DUALITES AND 600 SINGLITES , EACH AND EVERY STUDENT WILL BE RANKED OUT OF 1000 STUDENTS , MSc STUDENTS ARE NOT AWARDED CGPA ONLY OUT OF DUALITES (BUT THIS IS TRUE FOR ONLY COMMON COURSES)

WHAT IN REALITY HAPPENS IS IN 1ST YEAR ALL STUDENTS ARE DIVIDED INTO 2 GROUPS BASED UPON THEIR BRANCH

GROUP A - CS,MNC,PHOENIC etc (around 500 students)

GROUP B - ALL MSc , Core etc (around 600+ students)

What courses group A will study in 1ST semester , group B will study those courses in 2nd semester and vice versa

So for MSc people they have to compete with all dual degree and core students (only for non common courses)

2. Allotment: Your M.Sc. branch does not influence the B.E. degree you receive; it depends solely on your CGPA.
3. Consistency: Being consistent in lectures and tutorials makes securing CSE achievable.
4. 3rd year will be hectic as then you will pursue both of your degrees together

## M.Sc. Branch Preferences & Placements

M.Sc. Branch	Key Characteristics & Prospects
Economics (Eco)	Preferred by companies; offers better opportunities. Highly recommended above others.
Mathematics	Preferred by companies when paired with CS. But doesn't act as a deal breaker
Physics	Doesn't matter if you are not going into research

M.Sc. Branch	Key Characteristics & Prospects
Bio / Chem	Doesn't matter if you are not going into research

## Career Prospects

5. Placement equality: Placements are mostly the same as single degrees, with M.Sc. students often seeing better outcomes.
6. Branch Outcomes: Over 70% of dual degree students secure at least circuitual branches.

## HYDERABAD DATA

	A1	A2	A3	A4	A7	A8	AA	AD	Grand Total
<b>B1</b>									
Count	2	1	12	15	5	6	9	2	52
Percentage	3.85%	1.92%	23.08%	28.85%	9.62%	11.54%	17.31%	3.85%	100.00%
<b>B2</b>									
Count	4		16	7	4	5	8	1	45
Percentage	8.89%	0.00%	35.56%	15.56%	8.89%	11.11%	17.78%	2.22%	100.00%
<b>B3</b>									
Count	2	1	13	11	36	8	14	11	96
Percentage	2.08%	1.04%	13.54%	11.46%	37.50%	8.33%	14.58%	11.46%	100.00%
<b>B4</b>									
Count	4	1	6	13	23	3	17	7	74
Percentage	5.41%	1.35%	8.11%	17.57%	31.08%	4.05%	22.97%	9.46%	100.00%
<b>B5</b>									
Count	1	2	14	10	21	9	15	4	76
Percentage	1.32%	2.63%	18.42%	13.16%	27.63%	11.84%	19.74%	5.26%	100.00%
<b>Total Count</b>	<b>13</b>	<b>5</b>	<b>61</b>	<b>56</b>	<b>89</b>	<b>31</b>	<b>63</b>	<b>25</b>	<b>343</b>
<b>Total Percentage</b>	<b>3.79%</b>	<b>1.46%</b>	<b>17.78%</b>	<b>16.33%</b>	<b>25.95%</b>	<b>9.04%</b>	<b>18.37%</b>	<b>7.29%</b>	<b>100.00%</b>

## Branch Codes for B.E.

- A1 - Chemical
- A2 - Civil
- A3 - Electrical and Electronics
- A4 - Mechanical
- A5 - B Pharma
- A7 - Computer Science
- A8 - Electronics and Instrumentation
- AA - Electronics and Communication

- AB - Manufacturing
- AC - Electronics and Computer
- AD - Mathematics and Computing
- AJ - Environmental and Sustainability

## Branch Codes for M.Sc.

- B1 - Biological Sciences
- B2 - Chemistry
- B3 - Economics
- B4 - Math
- B5 - Physics
- B7 - Semiconductors and Nanoscience

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