20 per cent of engineering diploma holders employable: Report

NEW DELHI: Almost 20% of engineering diploma holders in the country are employable but do not find jobs, says the first National Employability Report-Diploma, 2016 report prepared by assessment firm Aspiring Minds.

"It is about time that new-age corporates start seeing diploma courses in the same light as mainstream graduation courses. In India there is a bias towards degree courses when employing engineers," said Varun Aggarwal, co-founder of Aspiring Minds.

India has 800,000 engineering diploma holders entering the job market every year. There are around 8,000 employable programmers, 21,000 employable software testers and 80,000 employable sales and marketing executives that enter the market every year, said Aspiring Minds' report.

The knowledge industry, which mainly hires graduates and engineers in such roles, is currently missing this huge employable population, said the report prepared on the basis of sample survey of 30,000 students across 300 polytechnic colleges across states.

The report revealed that very few women are enrolled in diploma courses, but employability of females is similar to males. "A drastically high male-to-female ratio of 4:1 is observed in polytechnic diploma courses. This is in contrast to the male-female ratio of 1.96:1 for engineering graduates," Aggarwal said.

Among the different courses, computer science and IT account for the highest proportion of women at 47.4% while the lowest is for mechanical courses at, 3.6%, according to the report.

Employability varies drastically by location of college, although, little variation is observed for IT roles. Colleges in metro cities have on average 26.6% higher employability than colleges in nonmetro cities.

Colleges in metro cities have on average 14% employability for engineering technicians, whereas for colleges in non-metro cities, it goes down to 9.2%.

Similar trends are observed when employability is calculated by city of residence of candidates. Candidates residing in metro cities are on average 22.5% more employable than candidates residing in nonmetro cities. While wide variation is observed across job roles, gap between employability in IT roles is marginal in metro and non-metro cities, the report findings showed.

Employability of Engg Diploma Holders

GENDER BREAKUP

Role	Employability % MALE	Employability % FEMALE
Programmer	5.46	4.52
Software tester	13.92	12.79
IT & desktop support enginee	20.88	18.05
Operations & logistics executive	23.78	25.13
Sales executive	9.51	11.07
Marketing executive	10.79	13.05
Field service engineer	5.09	5.38