



DEMOGRAPHIC PROFILE



Indian Institute of Technology Mandi, India
2018

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List of Abbreviations

<i>CGPA</i>	<i>Cumulative Grade Point Average</i>
<i>B. Tech.</i>	<i>Bachelor of Technology</i>
<i>ME</i>	<i>Mechanical Engineering</i>
<i>EE</i>	<i>Electrical Engineering</i>
<i>CSE</i>	<i>Computer Science Engineering</i>
<i>M. Sc.</i>	<i>Master of Science</i>
<i>M. Tech.</i>	<i>Master of Technology</i>
<i>IIT</i>	<i>Indian Institute of Technology</i>
<i>PhD</i>	<i>Doctor of Philosophy</i>
<i>SCEE</i>	<i>School of Computing and Electrical Engineering</i>
<i>SE</i>	<i>School of Engineering</i>
<i>SBS</i>	<i>School of Basic Sciences</i>
<i>SHSS</i>	<i>School of Humanities and Social Sciences</i>
<i>USA</i>	<i>United States of America</i>

Demographic profile: Faculty members at IIT Mandi

At present, 117¹ faculty members are working at IIT Mandi, out of which 23% are women and 77% are men. Being a world-class institute, IIT Mandi recruits faculty members not only from India but also from different parts of the world. Currently, 6 faculty members from abroad (3 from USA, 2 from Germany and 1 from Denmark) are working at IIT Mandi.

Figure 1: Proportion of men and women faculty members at IIT Mandi

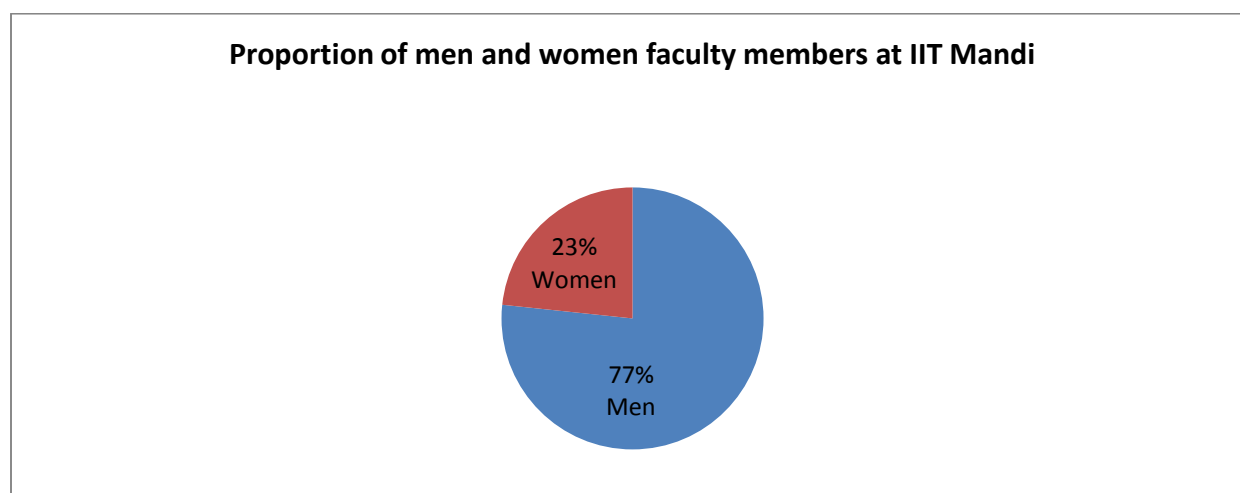


Figure 2: Proportion of men and women faculty members across different schools at IIT Mandi

The School structure at IIT Mandi is unique which serves to promote interdisciplinary research and teaching culture at the institute. All faculty members at IIT Mandi belong to four different schools i.e. School of Computing and Electrical Engineering, School of Basic Sciences, School of Engineering and School of Humanities and Social Sciences. The gender ratio among faculty members at IIT Mandi is quite descent across different schools as compared to some of the institutes of national importance. Institute has 25 men and 10 women in SBS, 26 men and 8 women in SCEE, 30 men and 3 women in SE, and 10 men and 7 women in SHSS.

¹ The number is 117 because of joint appointment of two faculty members. In school wise specifics the total is 119 (including faculty members from abroad).

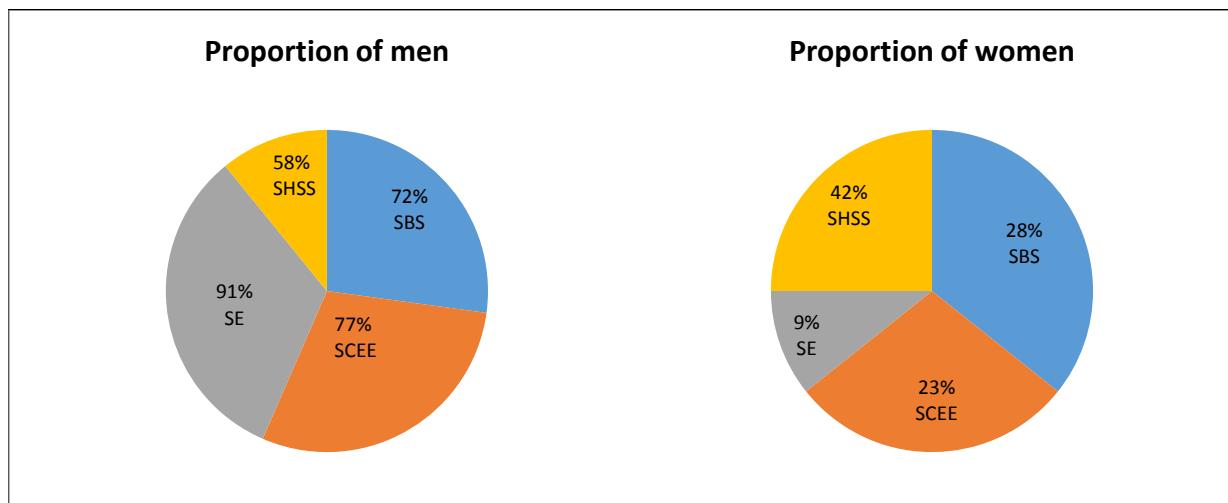


Figure 3: State-wise percentage distribution of faculty members at IIT Mandi

Faculty members at IIT Mandi belong to 19 different states of India. There are 25 faculty members from West Bengal, 19 from Uttar Pradesh, 10 from Kerala, 7 from each Delhi and Maharashtra, 6 from Andhra Pradesh, 5 from each Himachal Pradesh and Gujarat, 4 from each Madhya Pradesh and Tamil Nadu, 3 from each Bihar, Jharkhand, Telangana and Rajasthan, 2 from each Karnataka and Punjab and 1 from each Tripura, Haryana and Odisha.

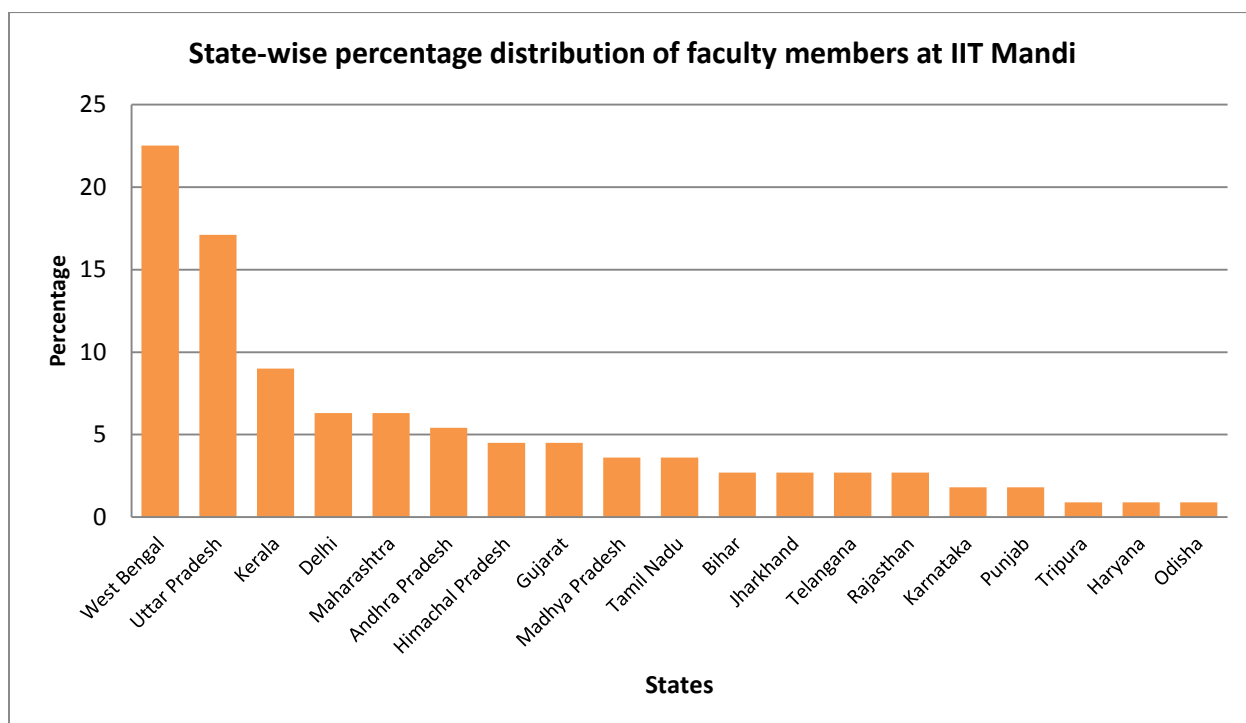


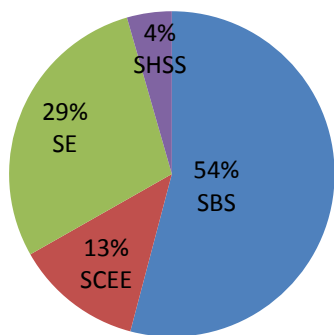
Figure 4: Proportion of papers published across different school at IIT Mandi

IIT Mandi provides generous support to its faculty and students for conducting significant research. Total number of research papers published in peer reviewed journals in the last year was 292. Out of which 158 papers were published by SBS, 84 by SE, 37 by SCEE and 13 by SHSS.

Figure 5: Papers published per faculty member across different schools

Average number of research papers published per faculty members among different schools is 4.5 in SBS, 2.5 in SE, 1.1 in SCEE and 0.8 in SHSS in the last year.

Proportion of papers published in different school at IIT Mandi



Number of Papers published per faculty member across different schools at IIT mandi

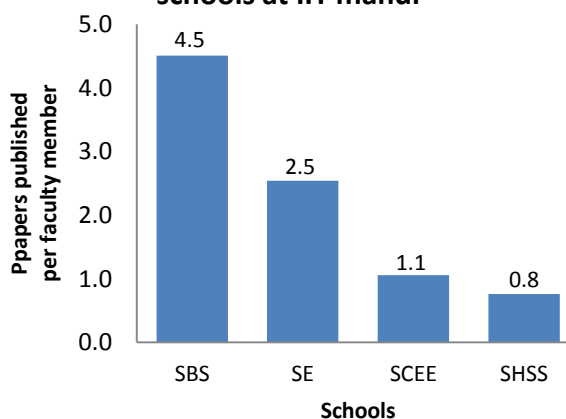
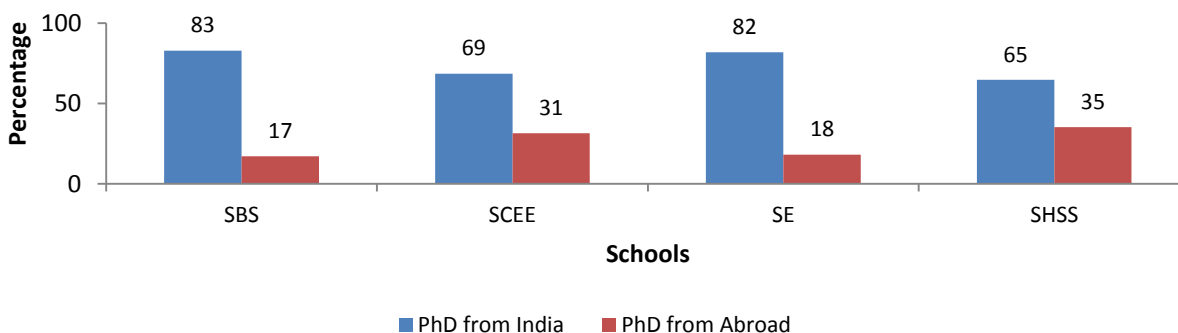


Figure 6: Proportion of faculty members with PhD from India or Abroad

In the school of Basic Sciences, out of 35 faculty members 6 have received their PhD degree from abroad while remaining 29 have received from India. This distribution is 10 and 24 for SCEE, 6 and 27 for SE, and 6 and 11 for SHSS from abroad and India respectively.

Proportion of faculty members who have done PhD from India or Abroad across different schools at IIT Mandi



Demographic profile: Staff members at IIT Mandi

Currently, there are 151 staff members serving at IIT Mandi, out of which 34 are women and 121 are men. These staff members are from 13 different states consisting of 125 from Himachal Pradesh, 6 from Uttarakhand, 4 from Uttar Pradesh, 3 from each Haryana and West Bengal, 2 from each Bihar and Kerala and 1 from each Delhi, J&K, Madhya Pradesh, Punjab, Rajasthan and Tamil Nadu (Please see Figure 7-8).

Figure 7: Proportion of men and women staff members at IIT Mandi

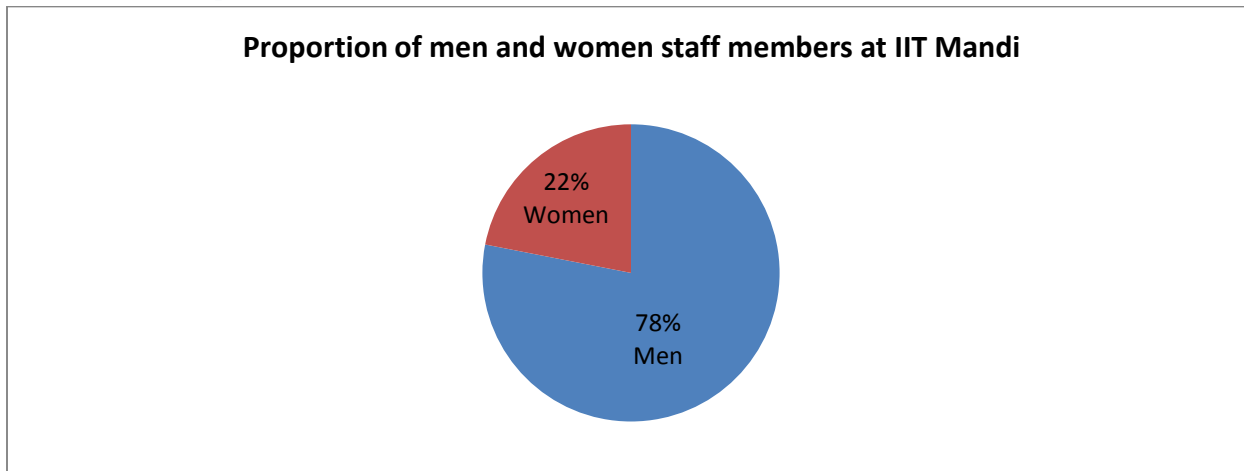
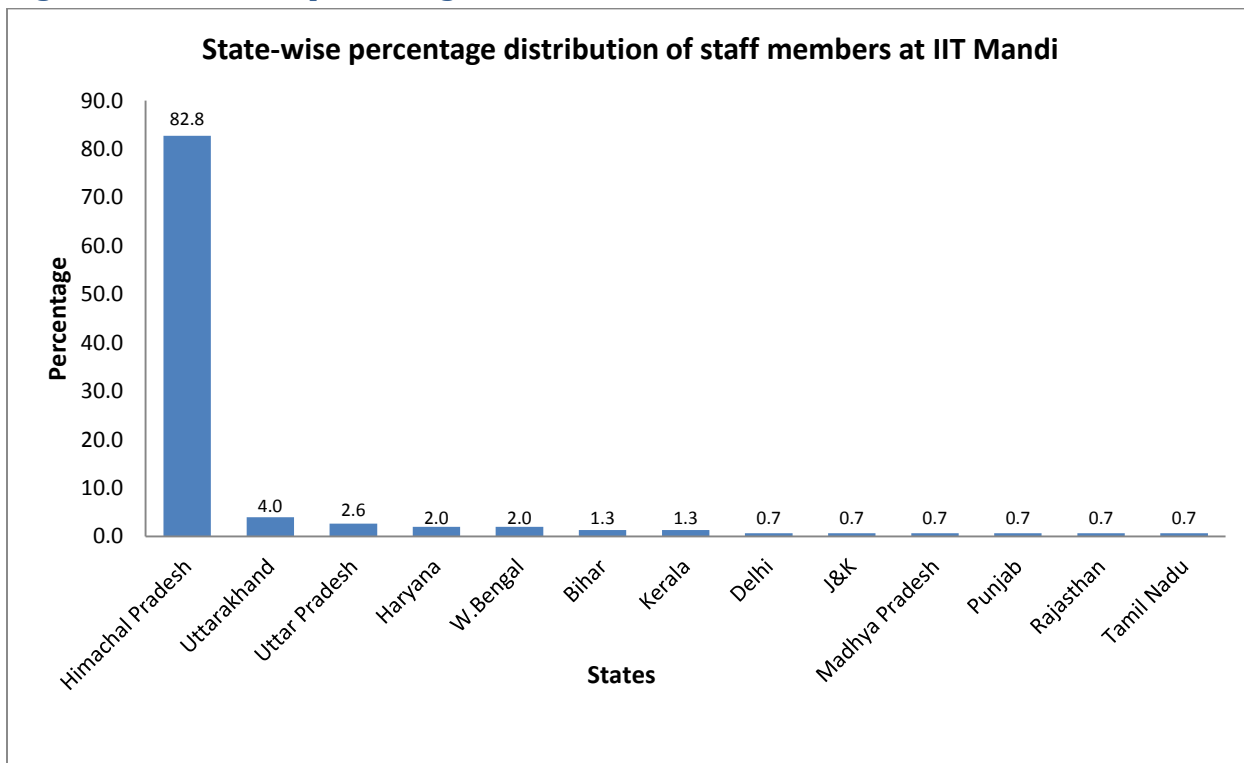


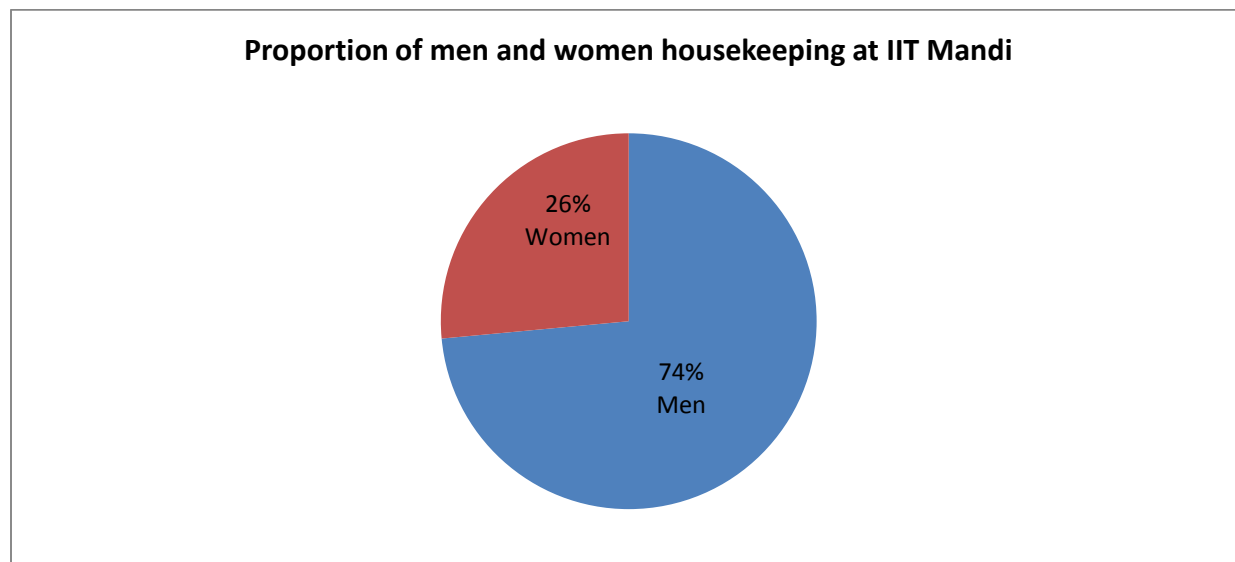
Figure 8: State-wise percentage distribution of staff members at IIT Mandi



Demographic profile: Housekeeping at IIT Mandi

Figure 9: Proportion of men and women housekeeping at IIT Mandi

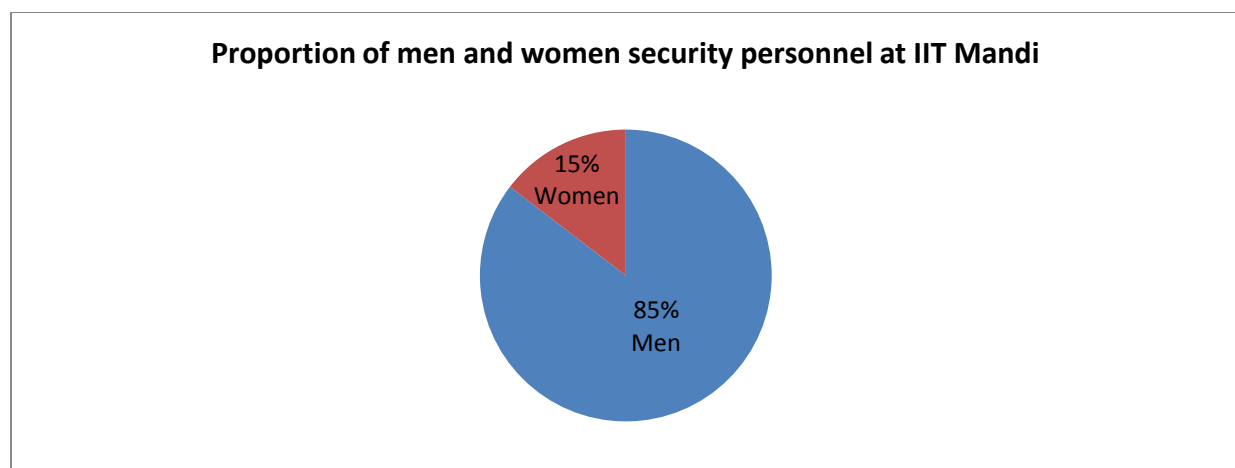
Currently, 136 persons from different parts of Himachal Pradesh are working in housekeeping out of which 100 are men and 36 are women.



Demographic profile: Security personnel at IIT Mandi

Figure 10: Proportion of men and women security personnel at IIT Mandi

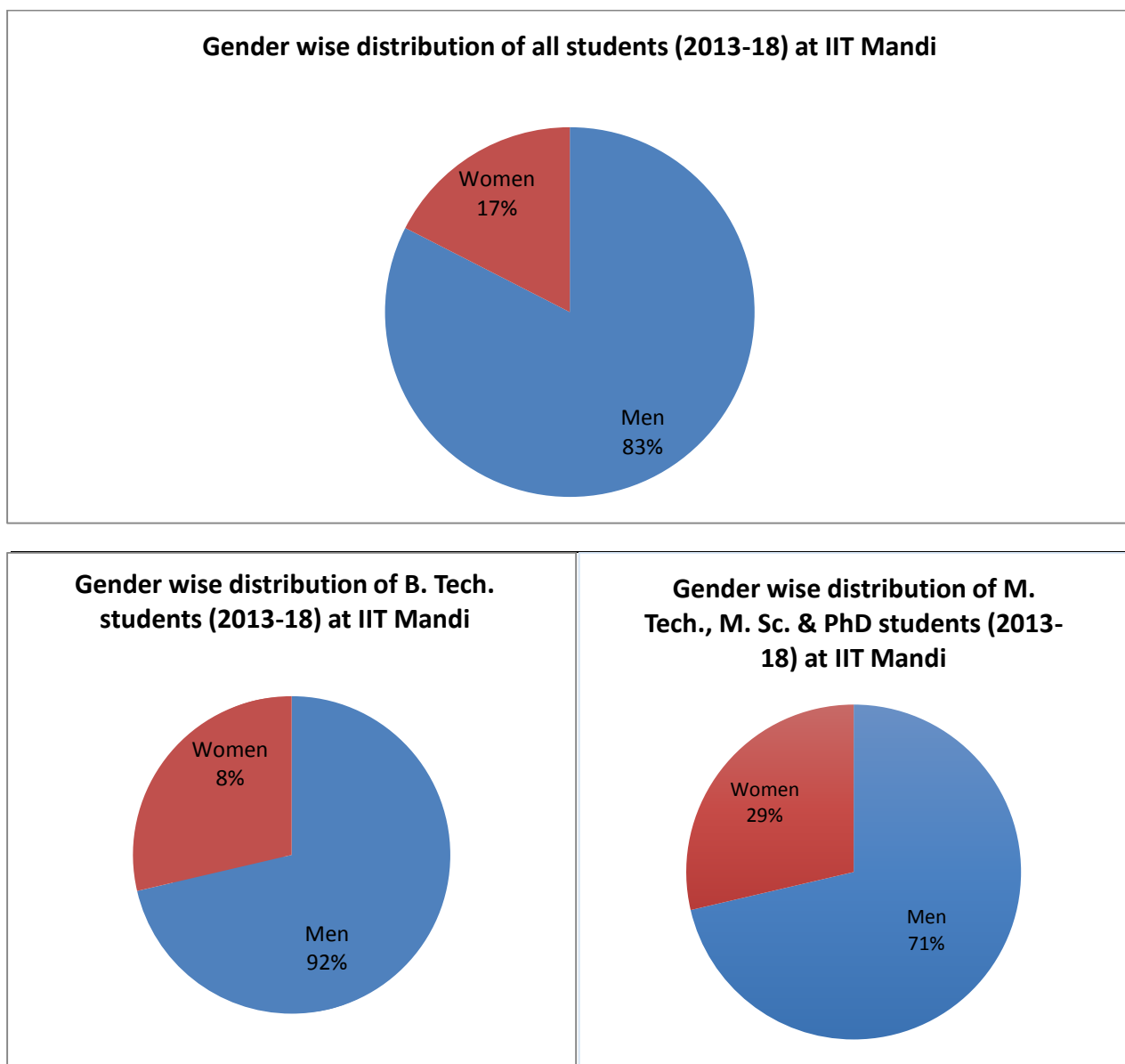
There are 137 security personnel deployed at IIT Mandi consisting of 85% men and 15% women. Most of the security personnel are the native of Himachal Pradesh.



Demographic profile: All students at IIT Mandi (2013-18)

IIT Mandi intends to provide world-class quality education to students not only from India but also from different parts of the world. In the last few years it has emerged as a leading center of learning. Since 2013 till 2018, 1,217 students have been enrolled at IIT Mandi, comprising 652 in undergraduate and 565 in post-graduate courses.

Figure 11: Gender wise distribution of all students at IIT Mandi



Demographic profile: All B. Tech. at IIT Mandi (2018)

At IIT Mandi, the proportion of men in B. Tech. was 92% while the proportion of women was 8% between 2013 and 2018. In B. Tech. there is a great diversity among students as they belong to different parts of India. In 2018 pass out batch, there were 28 students from Rajasthan, 16 from Uttar Pradesh, 13 from Haryana, 12 from Bihar, 9 from Madhya Pradesh, 6 from Delhi (UT), 5 from Andhra Pradesh, 4 from each Maharashtra, Telangana, Punjab and Uttarakhand, 3 from Gujarat, 2 from each Tamil Nadu and Chhattisgarh and 1 from each Himachal Pradesh and Chandigarh (UT). Students of Uttarakhand were having the highest average CGPA whereas students of Andhra Pradesh were having the lowest. Average CGPA of students from Uttarakhand is 8.2, from Madhya Pradesh, Uttar Pradesh and Delhi (UT) it was 7.9, from Maharashtra and Punjab 7.8, from Tamil Nadu 7.7, from Haryana and Bihar 7.5, from Rajasthan 7.4, from Himachal Pradesh, Telangana and Chhattisgarh 7.3, from Gujarat 6.9, from Chandigarh (UT) 6.2 and from Andhra Pradesh it was 5.1 (Please see Figures 11-13).

Figure 12: Gender wise distribution of B. Tech. students at IIT Mandi

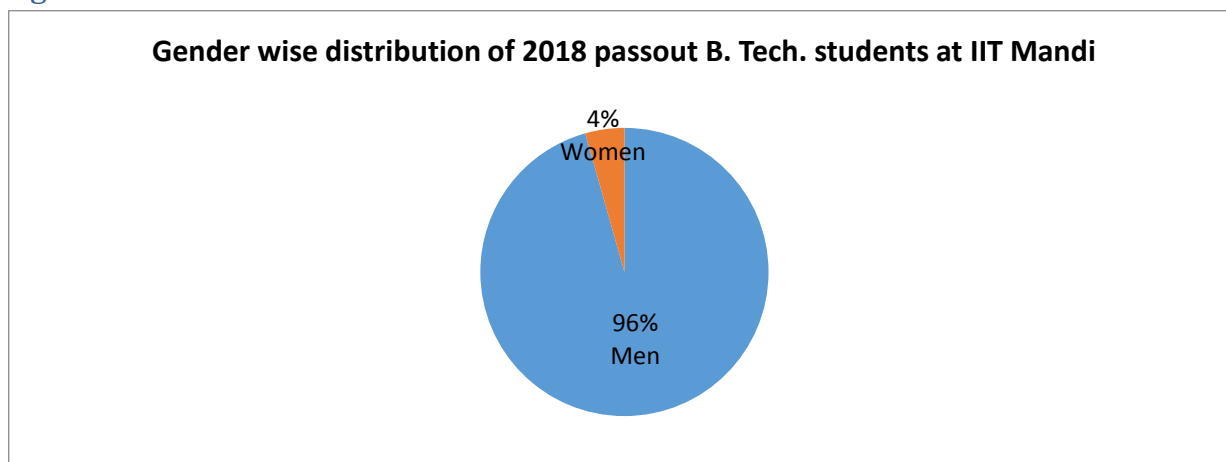


Figure 13: State-wise distribution of B. Tech. students (2018) at IIT Mandi

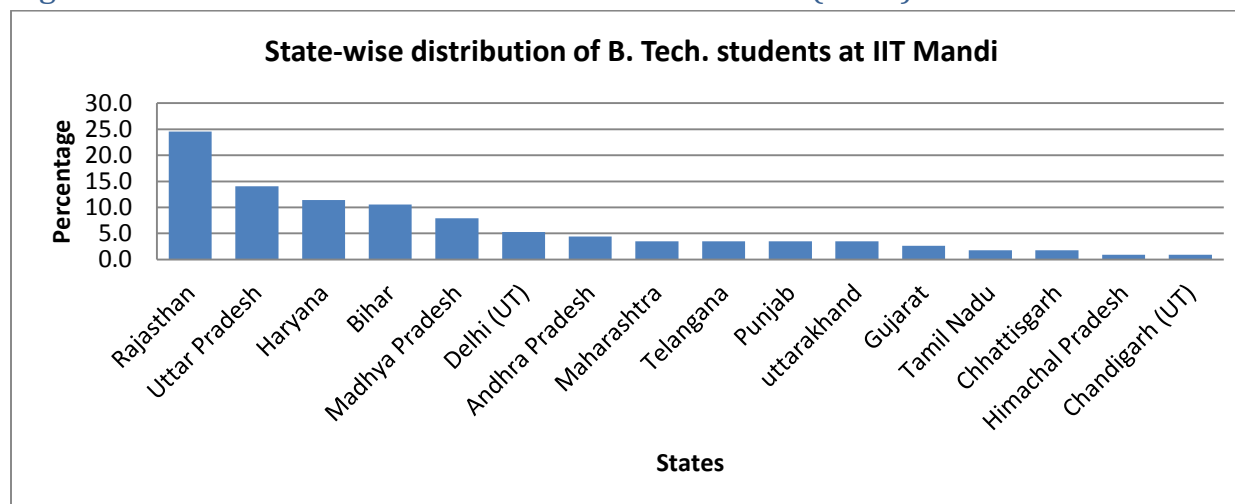
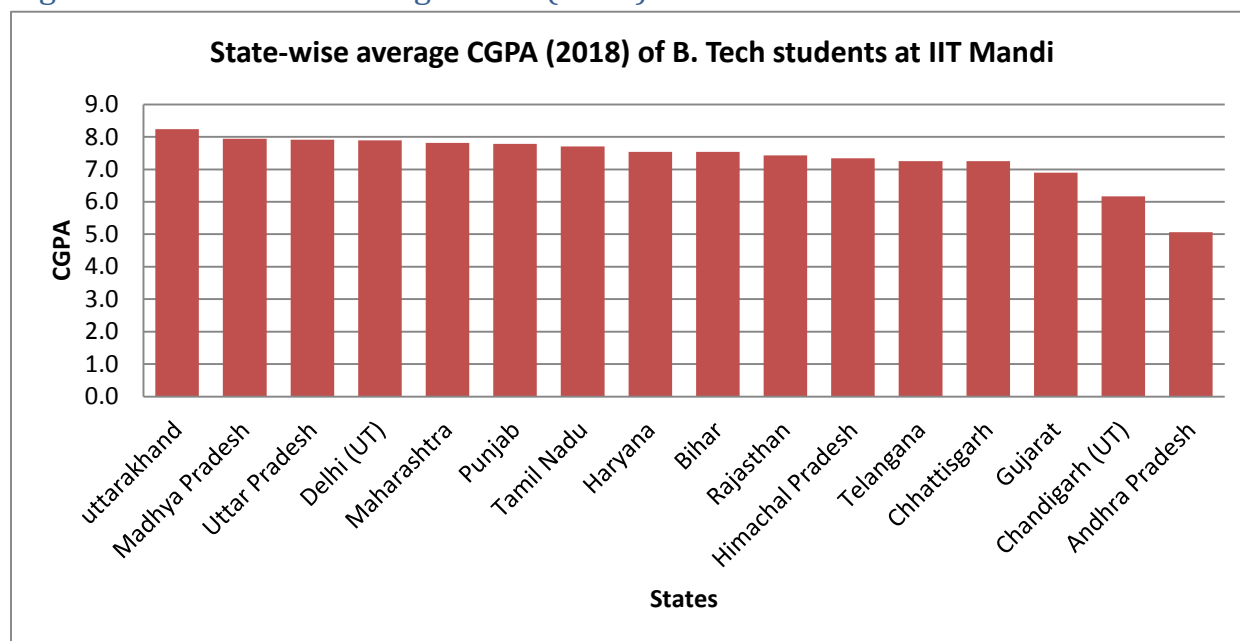


Figure 14: State-wise average CGPA (2018) of B. Tech students at IIT Mandi



Demographic profile: B. Tech. (EE) at IIT Mandi (2018)

The proportion of men in B. Tech. (EE) at IIT Mandi was 94% and women was 6% in 2018 pass out batch. In the same B. Tech. (EE) batch, there were students from 11 states. Out of which 16 were from Rajasthan, 4 from each Bihar and Uttar Pradesh, 3 from Maharashtra, 2 from each Andhra Pradesh and Haryana, 1 from each Chandigarh, Delhi, Madhya Pradesh, Punjab and Uttarakhand. The average CGPA of B. Tech. (EE) students from Bihar was 8.1, from Delhi 8.0, from Uttar Pradesh 7.6, from Uttarakhand and Rajasthan 7.5, from Maharashtra 7.4, from Madhya Pradesh 7.1, from Haryana 6.7, from Punjab 6.5, from Chandigarh 6.2 and from Andhra Pradesh it was 6.1. Figure 15: Gender-wise distribution of B. Tech. (EE) students at IIT Mandi

Figure 15: Gender wise distribution of B. Tech. (EE) students at IIT Mandi

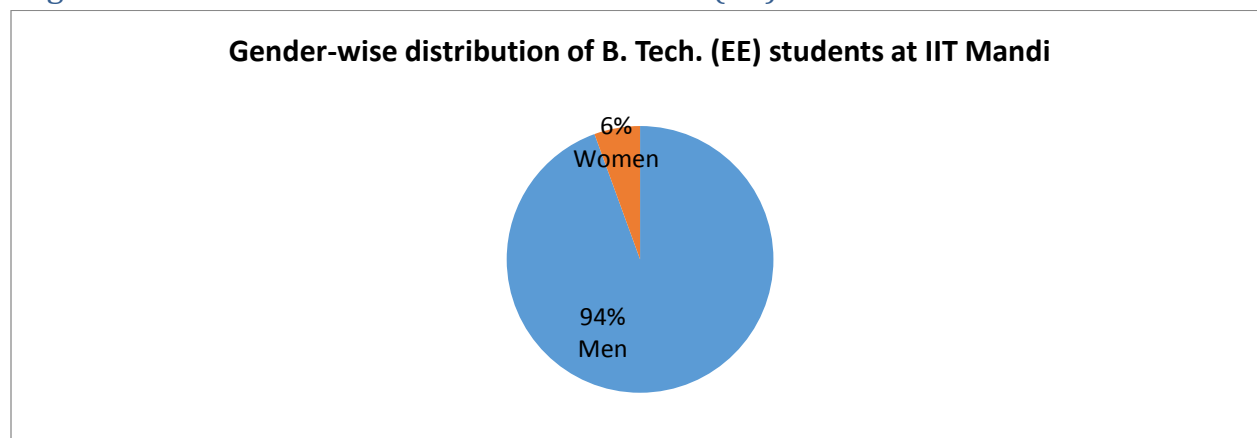


Figure 16: State-wise distribution of B. Tech. (EE) students at IIT Mandi

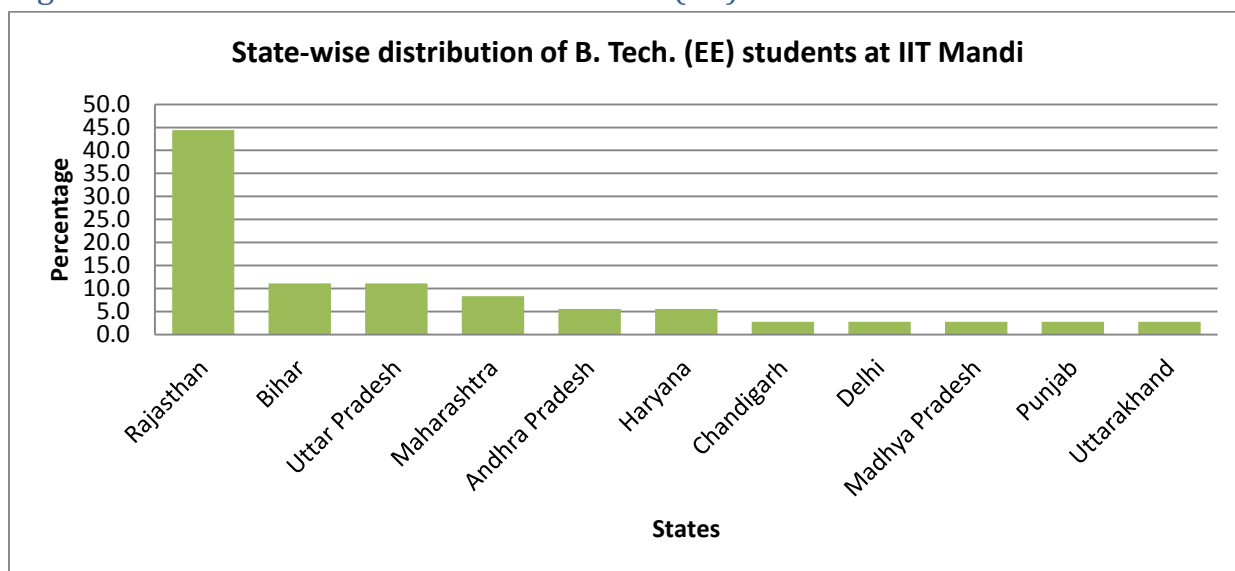
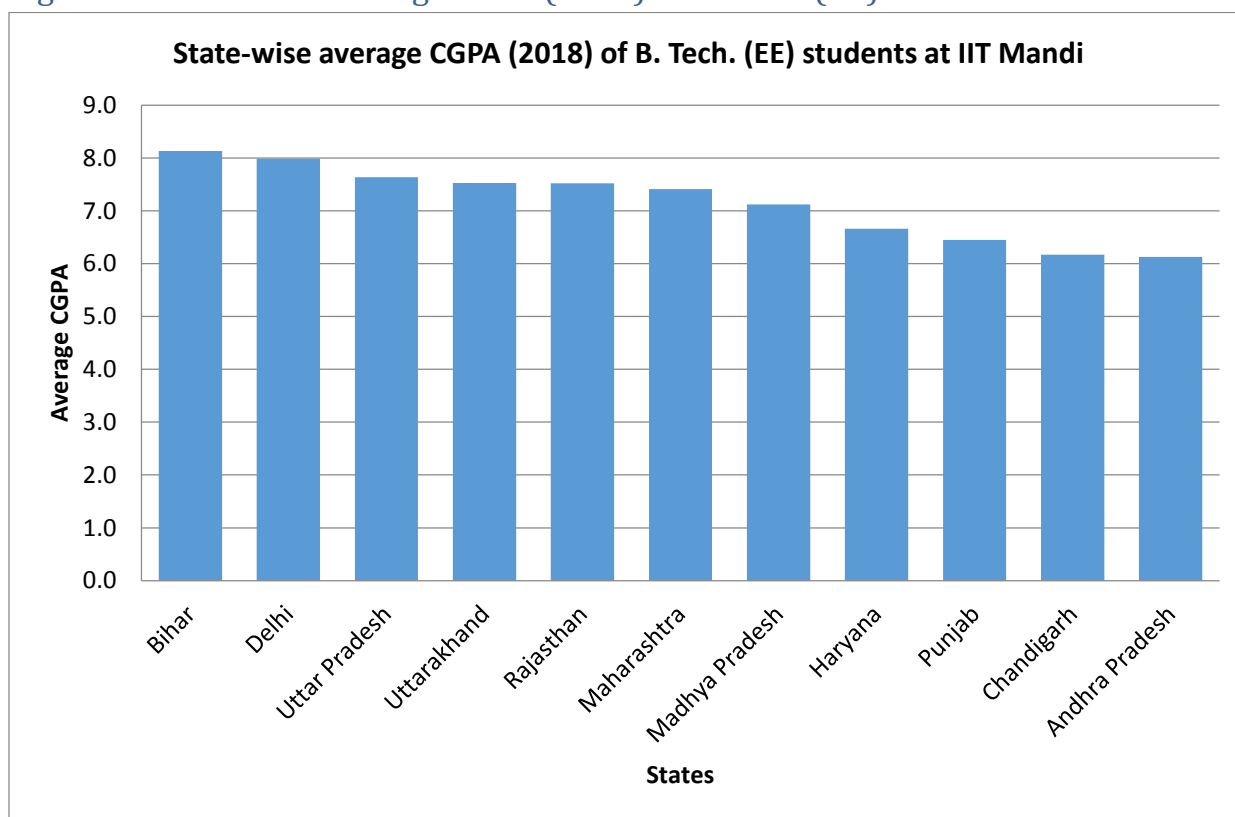


Figure 17: State-wise average CGPA (2018) of B. Tech. (EE) students at IIT Mandi.



Demographic profile: B. Tech. (ME) at IIT Mandi (2018)

Mechanical engineering is still a men dominating field as IIT Mandi was having only men in this branch in 2018 pass out batch. In B. Tech. (ME) there were total 28 students from 11 different states, out of which 6 were from Rajasthan, 4 from each Bihar, Haryana and Uttar Pradesh, 2 from each Andhra Pradesh, Gujarat and Madhya Pradesh and 1 from each Chhattisgarh, Delhi (UT), Himachal Pradesh and Uttarakhand. The average CGPA of students from Madhya Pradesh was 8.2, from Uttarakhand 8.0, from Uttar Pradesh 7.7, from Haryana 7.6, from Himachal Pradesh 7.3, from Bihar 7.2, from Delhi (UT) 7.2, from Rajasthan 7.1, from Chhattisgarh 6.9, from Andhra Pradesh 6.7 and from Gujarat it was 5.8.

Figure 18: State-wise distribution of B. Tech. (ME) students at IIT Mandi

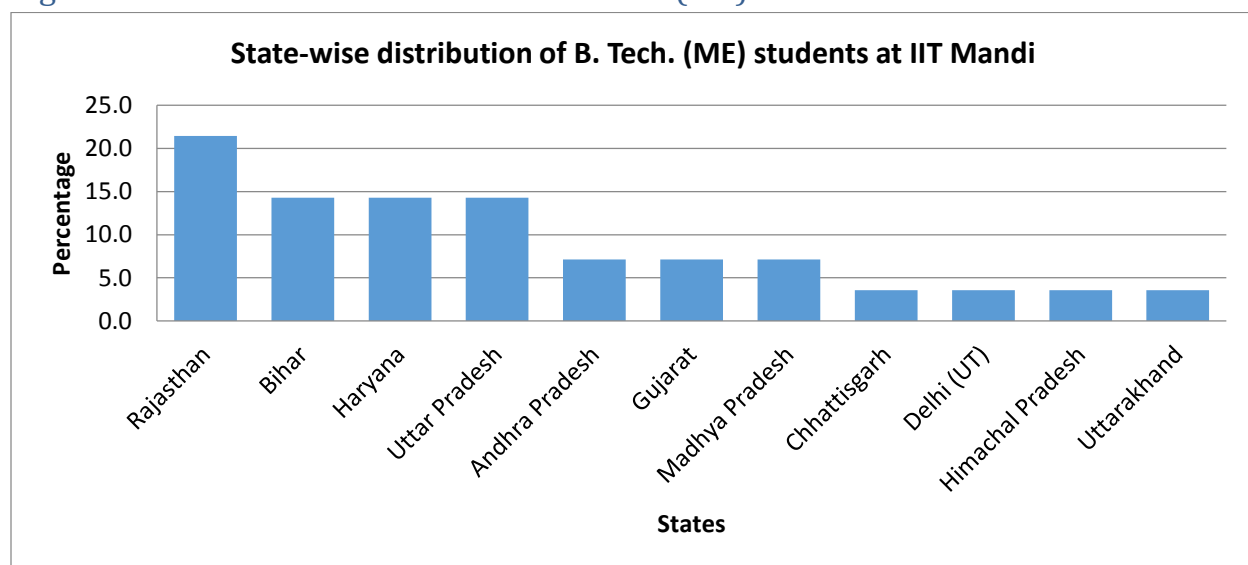
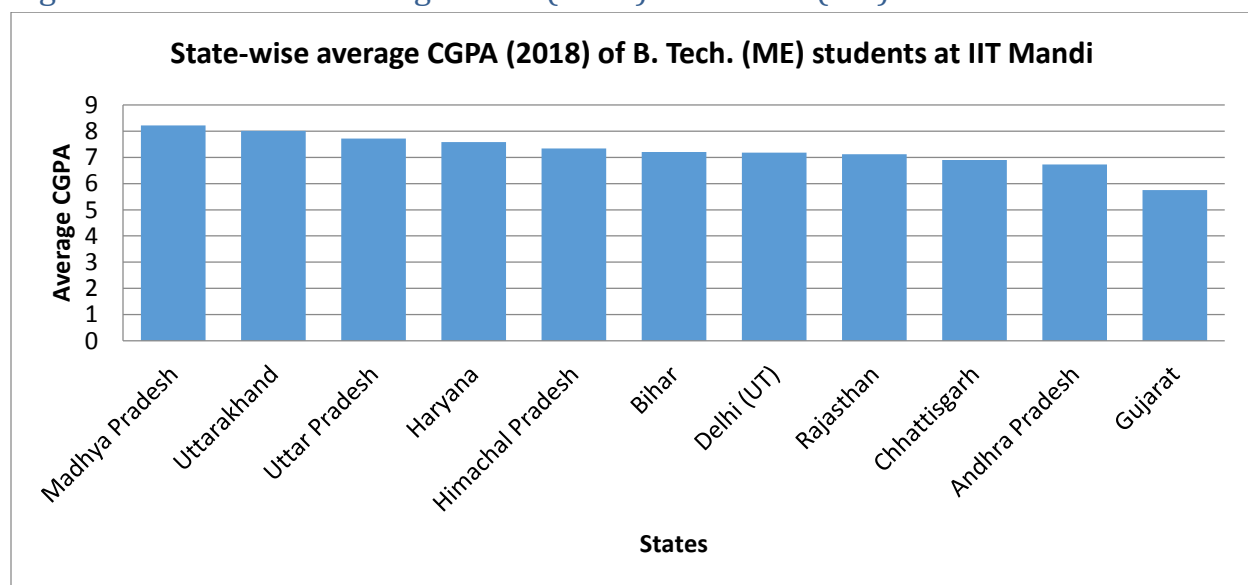


Figure 19: State-wise average CGPA (2018) of B. Tech. (ME) students at IIT Mandi



Demographic profile: B. Tech. (CSE) at IIT Mandi (2018)

In 2018 B. Tech. CSE pass out batch, there were total 50 students out of which 47 were men and 3 were women i.e. 94% men and 6% women. In this batch there were students from 14 different states. Out of 50 students 8 were from Uttar Pradesh, 7 from Haryana, 6 from each Madhya Pradesh and Rajasthan, 4 from each Bihar, Delhi (UT) and Telangana, 3 from Punjab, 2 from each Tamil Nadu and Uttarakhand and 1 from each Andhra Pradesh, Chhattisgarh, Gujarat and Maharashtra. In this batch the average CGPA of students from Gujarat was the highest and from Andhra Pradesh was the lowest. The average CGPA of students from Gujarat was 9.2, from Maharashtra 9.0, from Uttarakhand 8.7, from Punjab 8.2, from Uttar Pradesh 8.2, from Delhi (UT) 8.1, from Madhya Pradesh 8.0, from Haryana 7.8, from Tamil Nadu 7.7, from Chhattisgarh 7.6, from Rajasthan 7.5, from Bihar 7.3, from Telangana 7.3 and from Andhra Pradesh it was 5.7.

Figure 20: Gender-wise distribution of B. Tech. (CSE) students at IIT Mandi

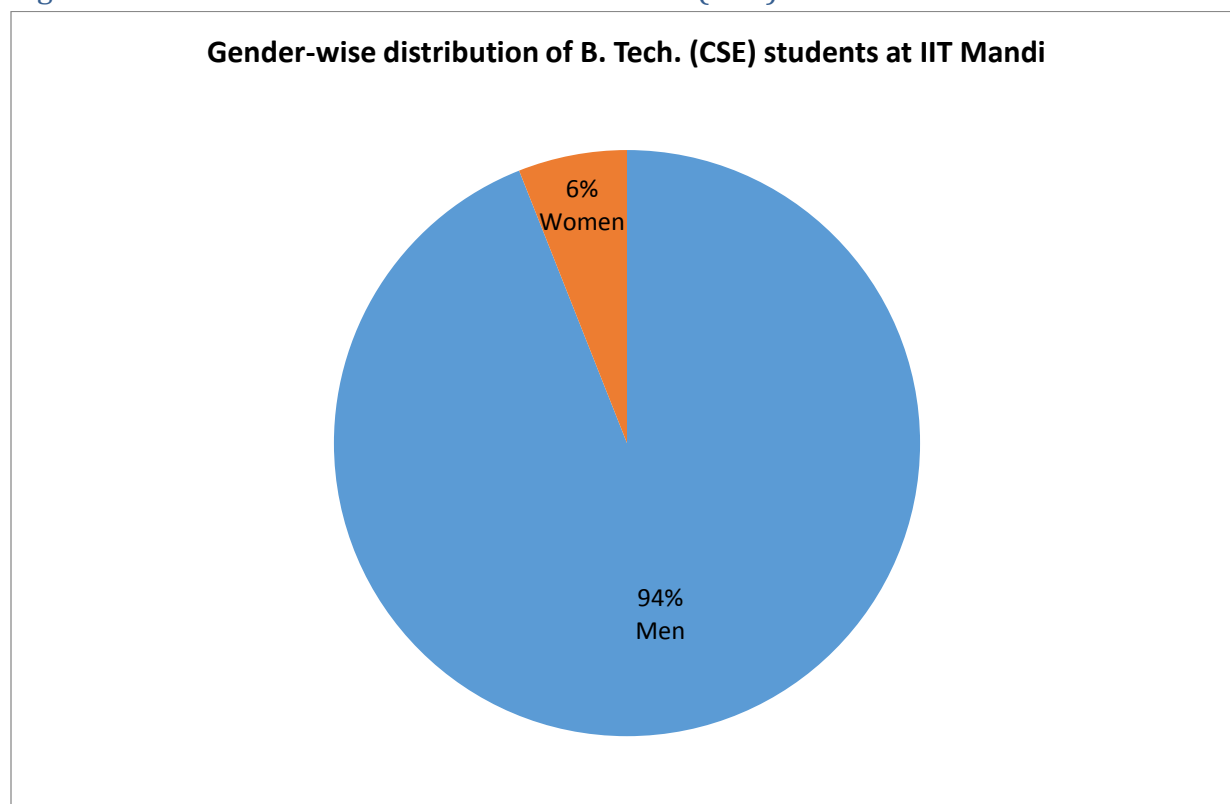


Figure 21: State-wise distribution of B. Tech. (CSE) students at IIT Mandi

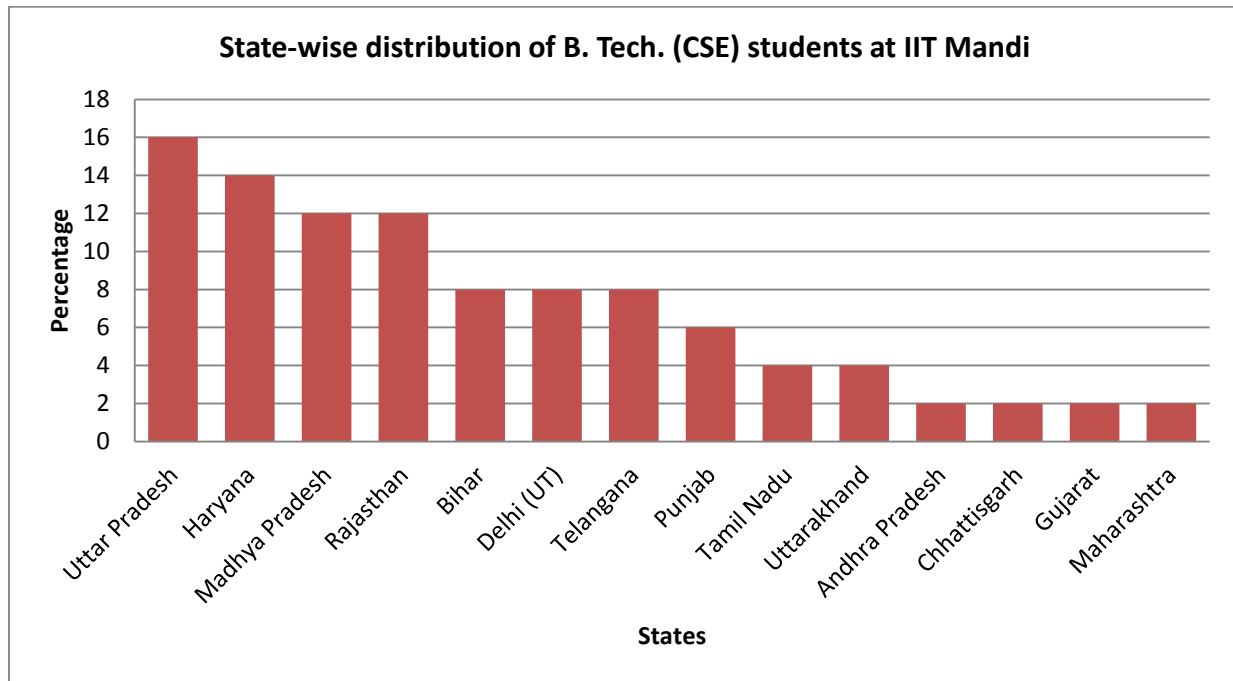
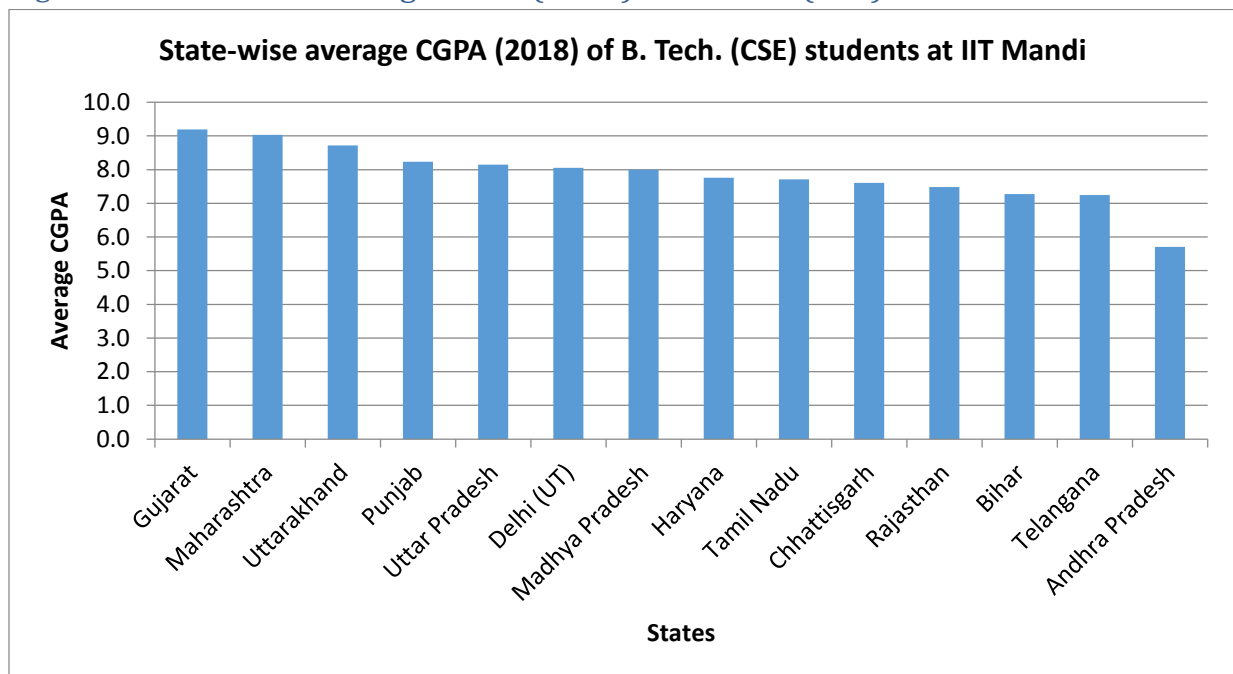
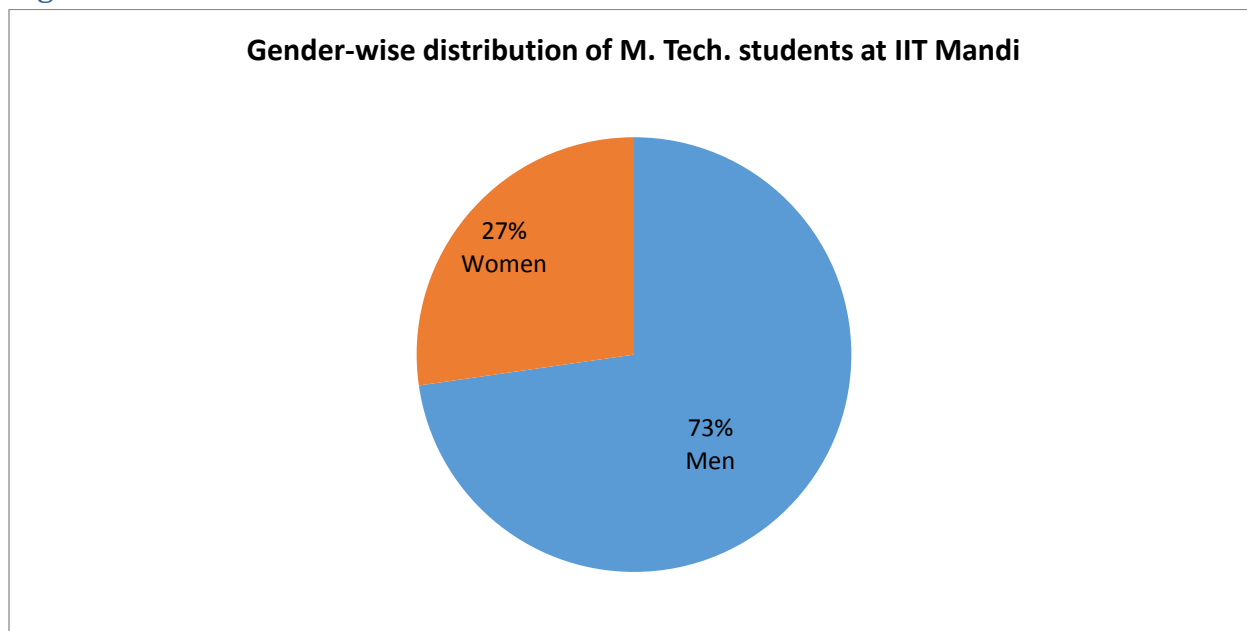


Figure 22: State-wise average CGPA (2018) of B. Tech. (CSE) students at IIT Mandi



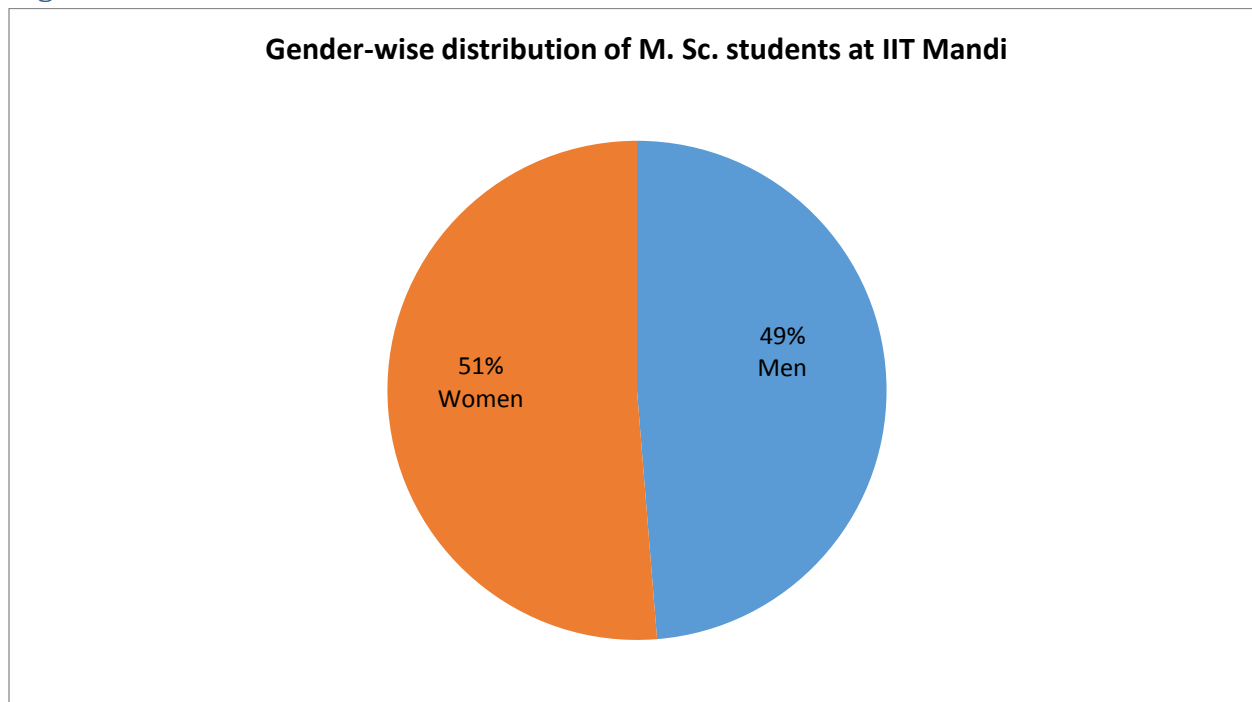
Demographic profile: M. Tech. at IIT Mandi (2018)

Figure 23: Gender-wise distribution of M. Tech. students at IIT Mandi



Demographic profile: M. Sc. at IIT Mandi (2018)

Figure 24: Gender-wise distribution of M. Sc. students at IIT Mandi



Demographic profile: PhD at IIT Mandi (2018)

Figure 25: Gender-wise distribution of PhD students at IIT Mandi

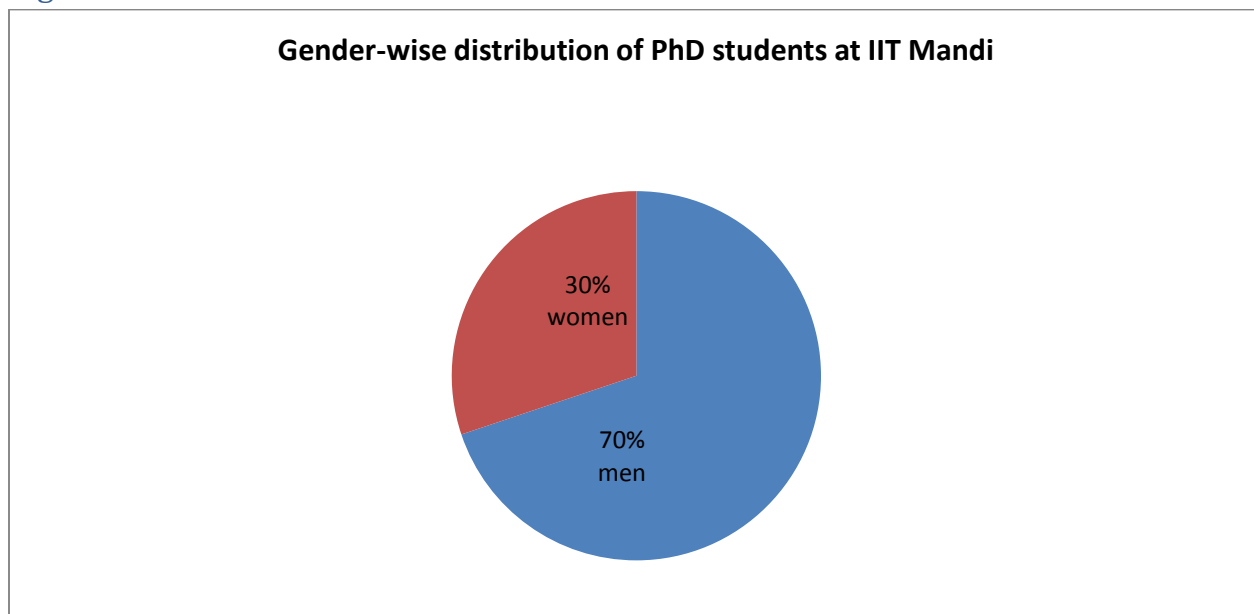
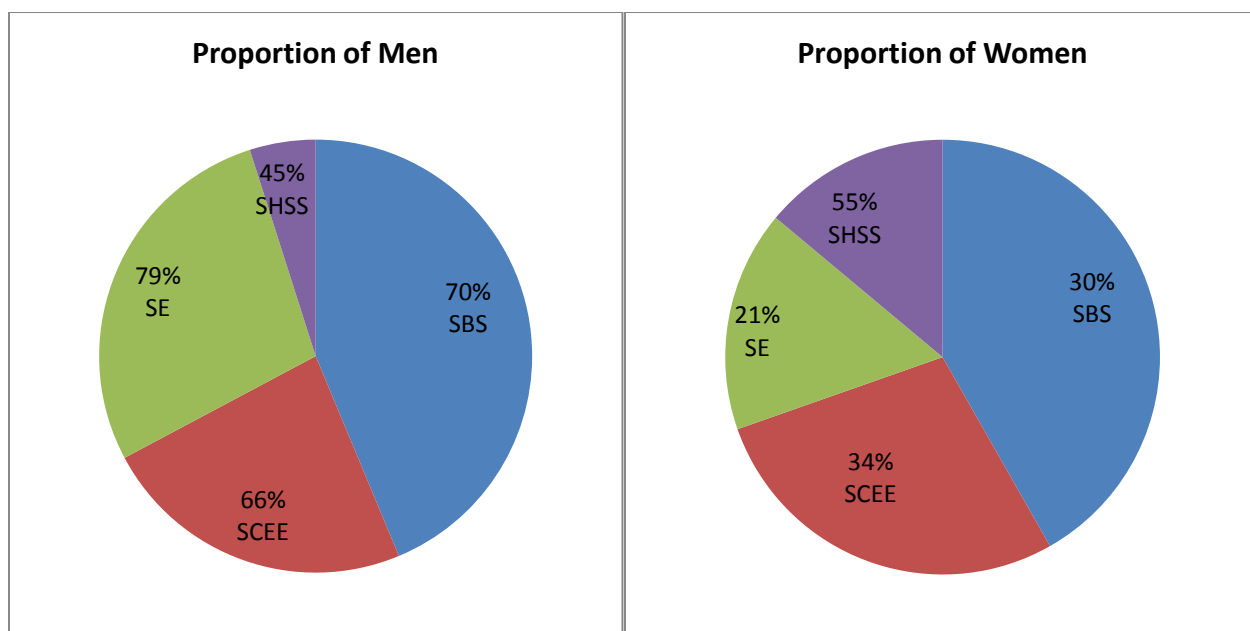


Figure 26: Proportion of men and women PhD students across different schools at IIT Mandi.



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