

## CHAPTER-IV

# STATUS OF MEDICAL COLLEGE LIBRARIES IN MAHARASHTRA

### 4.1 Introduction:

Maharashtra state is in the western region of India. It is the second most populated after Uttar Pradesh and third largest state by area in India. Maharashtra is one of the wealthy states in India, It is also at the fore front in health care development in the country, better than other states .So many medical colleges are functioning in good condition in major cities of Maharashtra like Pune, Mumbai and Nagpur. Pune University at Pune is called 'Oxford the of East'. The Southwest districts of Maharashtra like Pune, Ahamadnagar, Kolhapur, Sangli, Solapur and Satara are well developed in education . These all District are well developed in education.

All types of education are available here such as engineering , Medical, arthitecture, Dental etc run under under state government , central government and private sectors.

### 4.2 Status of Medical College Libraries in Maharashtra:

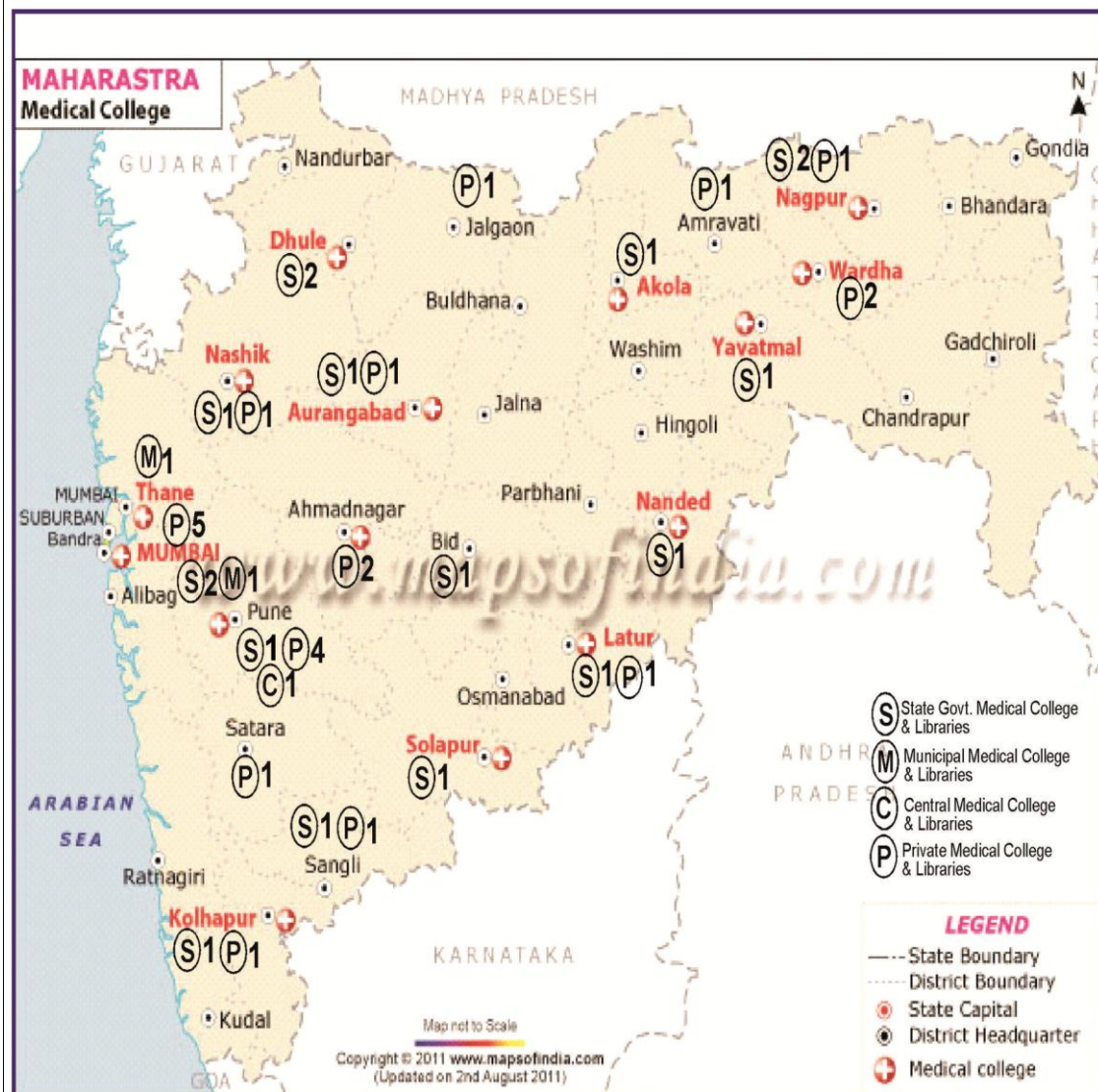
The medical colleges are developed under medical council of India, Delhi. The Medical Council of India upgrades and evalutes all the colleges and gives as to sugestion how to improvement teaching staff ,varies infrastucture , facilites and so on. There are six division in Maharashtra such as Amravati, Aurangabad, Konkan, Nagpur , Nashik and Pune.

The **42** medical colleges and libraries are situated in this region. Larger no of medical colleges libraries are in Pune, Mumbai and Nagpur . **17** medical college are under the state Government, **2** medical colleges and libraries are under the Municipal Corporation and only **01** medical college is under the central Government. While rest of them about **22** medical college are under private institutes. Larger no of medical colleges libraries are in Pune, Mumbai and Nasik division. Every year **4910** students are admitted in the first year batch of Allopathic Medical College in Maharashtra. Total number of undergraduate students are **14730**, postgraduates are **3775**, research student **679** and over all Maharashtra total medical library user are **19184** students. All the medical colleges are affiliated to respective local universities

and Health University at Nasik. Every year Medical Council of India (M.C.I) observe upgrading and improvement of all facilities, availability of qualified staff and students services. Library is main soul of medical college. so medical library must be upgrade for student satisfaction.

**Current status of medical college libraries in Maharashtra by**

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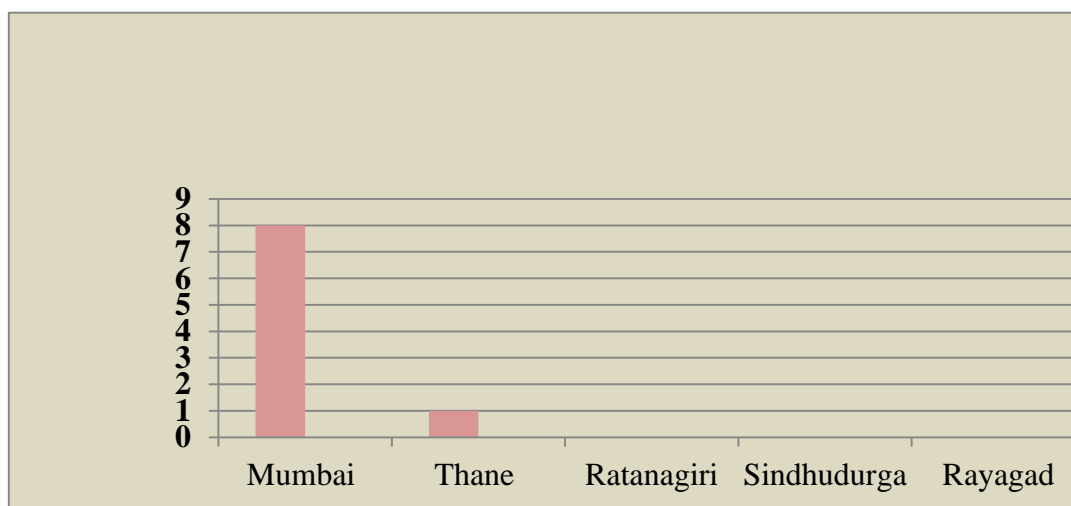


**4.3 Status of Medical College and Libraries in Maharashtra:  
Division & District wise:**

**4.3.1 Konkan division:**

**Table No. 4.1 : Konkan Division**

Sr. No	District	No.of medical college libraries	Percentage
1.	Mumbai	8	19.04
2.	Thane	1	2.38
3.	Ratanagiri	0	0
4.	Sindhudurga	0	0
5.	Rayagad	0	0
	<b>Total</b>	<b>9</b>	<b>21.42</b>



**Fig. No. 4.1 : No. of Medical Colleges in Konkan Division**

**Observation:**

The Konkan division comprises 5 districts where in 8 medical college and libraries are only in Mumbai and its suburbs while only one medical library is found develop in Thane district. On the other hand in three districts like Ratanagiri, Sindudurga and Rayagad, not any none of the of medical colleges and their librararies are available. In this division the total 09 (21.42%) medical college and libraries are established.

4.3.2 Pune division:

Table No. 4.2 : Pune Division

Sr. No.	District	No.of medical college and libraries	Percentage
1.	Sagali	2	4.76
2.	Kholapur	2	4.76
3.	Solapur	1	2.38
4.	Satara	1	2.38
5.	Pune	6	14.29
	<b>Total</b>	<b>12</b>	<b>28.57</b>

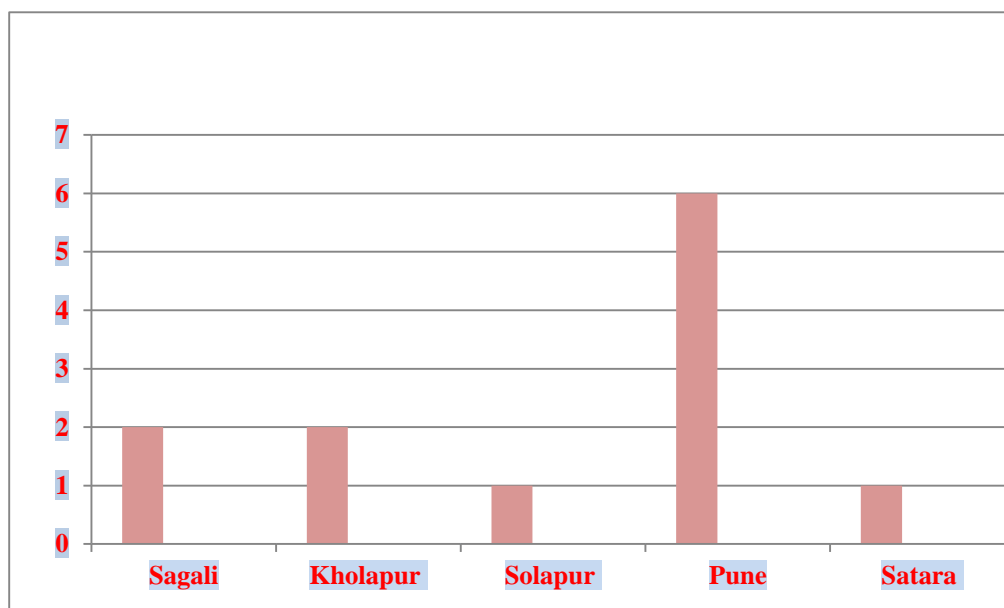


Fig. No. 4.2 : No. of Medical Colleges in Pune Division

**Observation:**

In Pune division comprises 5 districts. Almost 50 % of medical college libraries are found in Pune city and Pune district. Pune division consists of Sangli, Satara, Kolhpur, Solapur and Pune districts. This division is also called western Maharashtra. In this division total 12 no .of medical colleges and libraries are set up.

4.3.3 Total number of Medical College Libraries in Amravati division

Table No. 4.3 : Amravati Division

Sr.No .	District	No of Medical College libraries inAmravati division	Percentage
1.	Amravati	1	2.38
2.	Yawatmal	1	2.38
3.	Akola	1	2.38
4.	Buldhana	0	0
5.	Washim	0	0
	<b>Total</b>	<b>3</b>	<b>7.14</b>

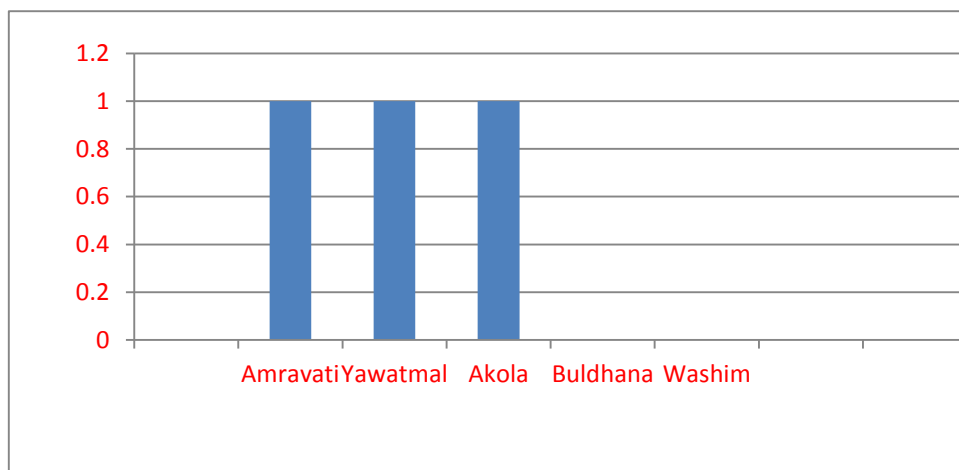


Fig. No. 4.3 : Number of Medical Colleges in Amravati Division

**Observation:**

Amravati division consists of districts – Amravati, Yevatmal, Akola ,Buldhana and Washim. In this division only 3 medical college and libraries are established.

4.3. 4 Total Number of Medical College Libraries in Nashik division

Table No. 4.4 : Nashik Division

Sr. No.	District	No. of medical college Libraries in nashik division	Percentage
1.	Dhule	2	4.76
2.	Nashik	2	4.76
3.	Ahmadnagar	2	4.76
4.	Jalgaon	1	2.38
5.	Nadurbar	0	0
	<b>Total</b>	<b>7</b>	<b>16.66</b>

Nashik division consists of 5 districts Dhule , Nadurbar, Ahmadnagar ,Jalgon and Nashik. In this division, total 7 medical colleges and medical libraries are set up.

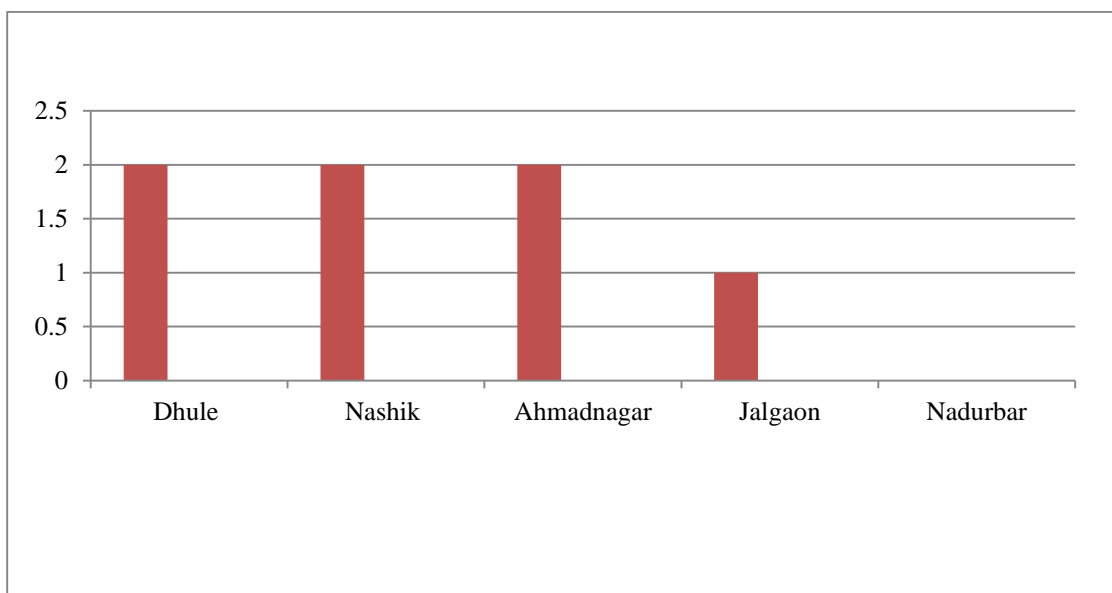


Fig. No. 4.4 : No. of Medical College in Nashik Division

**Observation:**

The Nashik division comprises five districts such as Dhule, Nadurbar, Ahmadnagar, Jalgon and Nashik. District Nandurbar does not have any medical college libraries, neither government nor private .

4.3.5 Total Number of Medical College Libraries in Aurangabad division

Table No. 4.5 : Aurangabad Division

Sr.No.	District	Medical college Libraries	Percentage
1.	Nanded	1	2.38
2.	Aurangabad	2	4.76
3.	Latur	2	4.76
4.	Beed	1	2.38
5.	Hingoli	0	0
6.	Jalana	0	0
7.	Osamanabad	0	0
8.	Parabhani	0	
	<b>Total</b>	<b>6</b>	<b>14.28</b>

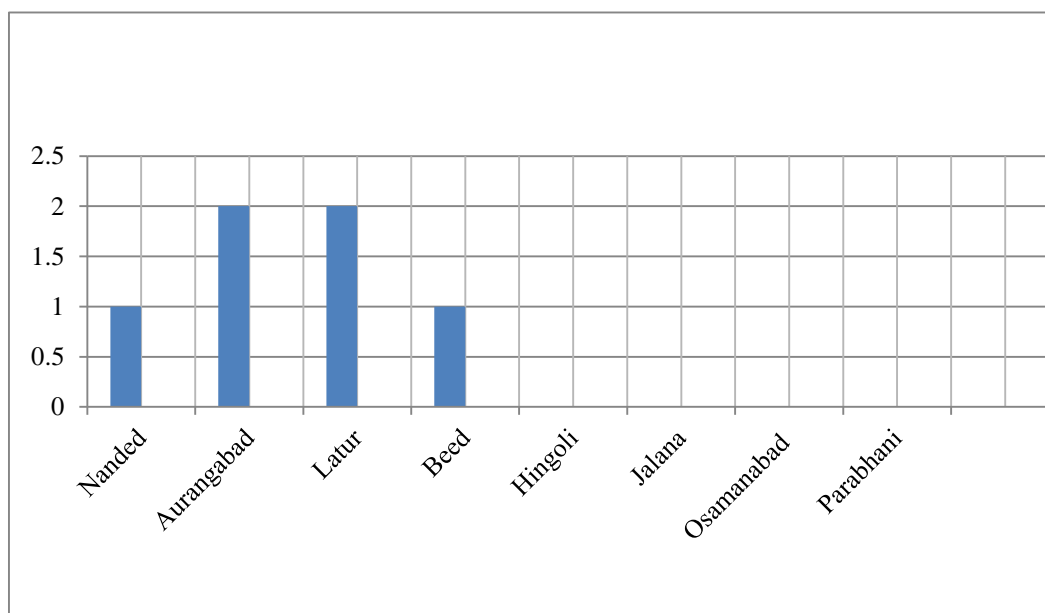


Fig. No. 4.5: No. of Medical Colleges in Aurangabad Division

Aurangabad division comprises 8 districts like Nanded , Aurangabad , Latur, Beed, Hingoli, Parabhani ,Osamanabad and Jalna. Of these 8 districts only 4 districts Beed , Aurangabad , Latur , Nanded have medical colleges and libraries

Parbhani , OSmanabadJalna and Hingoli don't have any medical college and libraries.

The Aurangabad division comprises 8 districts of which Parbhani ,OsmanabadJalna and Hingoli, there is not any medical college and libraries established.

#### 4. 3.6 Total Number of Medical College Libraries in Nagpur division

Table No. 4.6 : Nagpur Division

Sr.No	District	No .of Medical college Libraries	Percentage
1.	Nagpur	3	7.14
2.	Waradha	2	4.76
3.	Bhandara	0	0
4.	Gondhia	0	0
5.	Gadchiroli	0	0
6.	Chandrapur	0	0
	<b>Total</b>	<b>5</b>	<b>11.90</b>

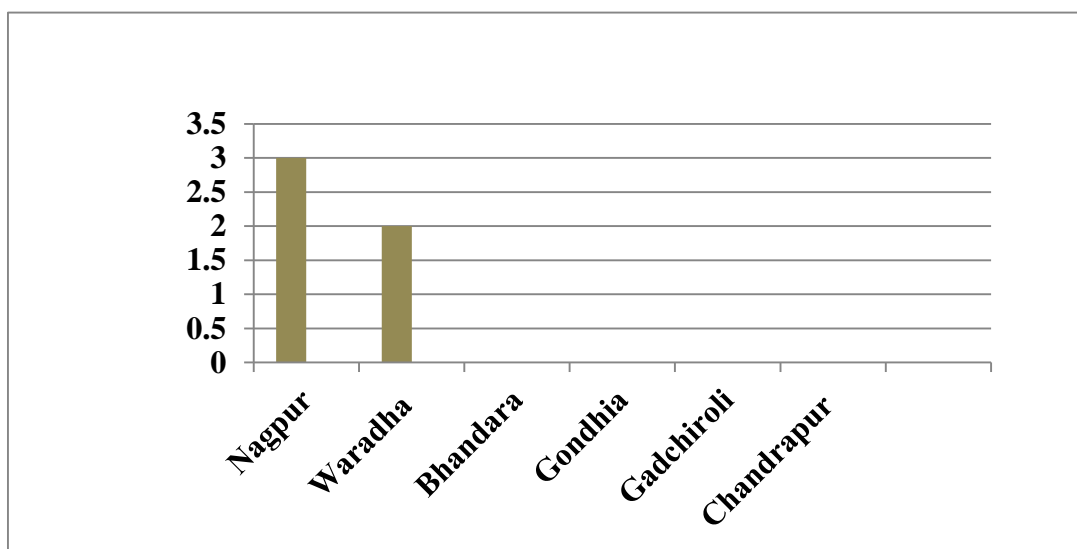


Fig. No. 4.6 : No. of Medical Colleges in Nagpur Division

Nagpur division consists of 6 districts –Nagpur, Bhandara , Wardha, Gondia Gadchiroli and Chandrapur. Out of these six districts only two districts Nagpur and wardha have medical colleges and libraries.



#### 4.4 Ranking of Medical College by Percentagewise in Maharashtra:

Table No. 4.7 : Ranking of Medical College

Sr. No	Division	No of libraries	Percentage
1.	Amravati	3	7.14
2.	Nagpur	5	11.90
3.	Aurangabad	6	14.28
4.	Nashik	7	16.67
5.	Konkan	9	21.43
6.	Pune	12	28.58
	<b>Total</b>	<b>42</b>	<b>100</b>

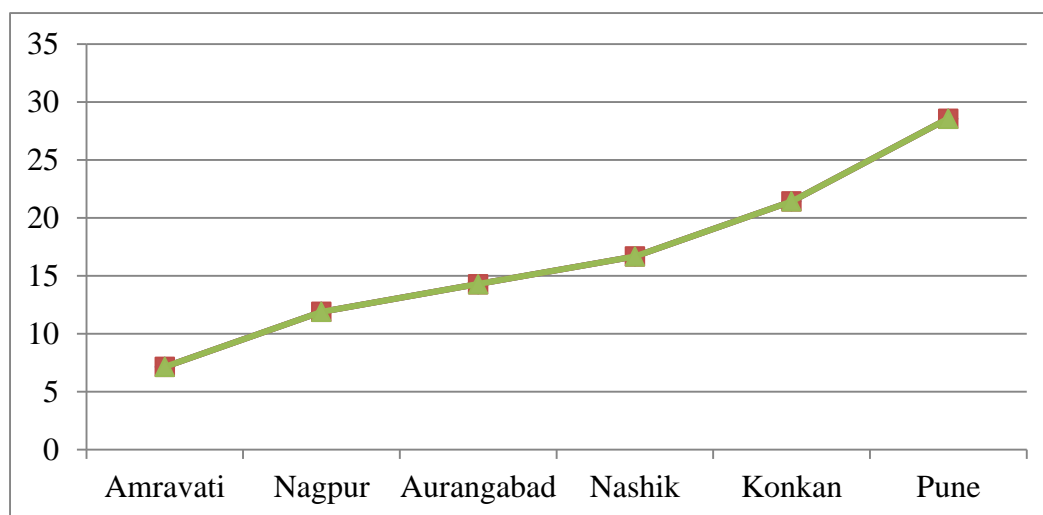


Fig. No. 4.7 : Division wise Percentage of Medical College in Maharashtra

According to the research survey, it is found that Amaravati division (7.14%) , Nagpur (11.90%) Aurangabad division (14.28%), Nasik division (16.67%) Konkan division (21.43%) and Pune division (28.58%) of medical colleges are established.

#### 4.5 Status of Medical Libraries users in Maharashtra: Division & Districts wise:

##### 1) Users in Pune Division:-

Table No. 4.8 : Pune Division

Sr. No.	District	UG	PG	Researcher	Total Library user	Percentage
1.	Sagali	600	100	30	730	12.65
2.	Kholapur	750	100	35	885	15.34
3.	Solapur	300	100	20	420	7.28
4.	Pune	2520	500	100	3120	54.08
5.	Satara	450	150	15	615	10.65
	<b>Total</b>	<b>4620</b>	<b>950</b>	<b>200</b>	<b>5770</b>	<b>100</b>

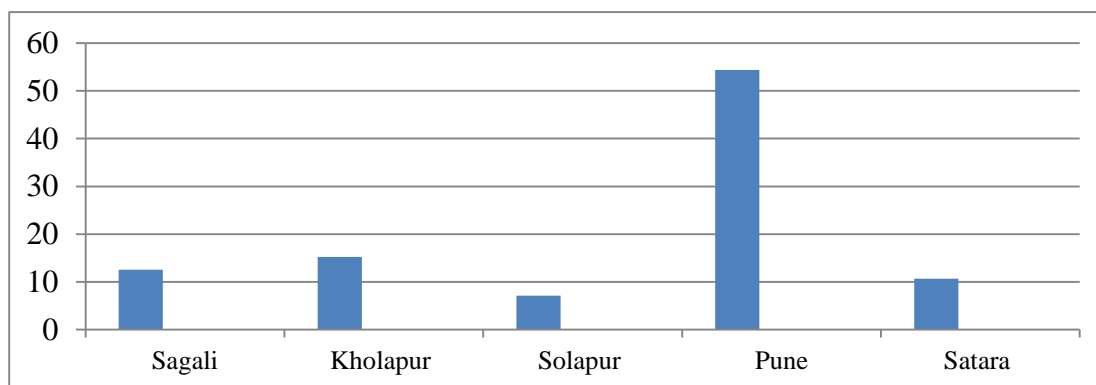


Fig. No. 4.8 : Users in Pune Division

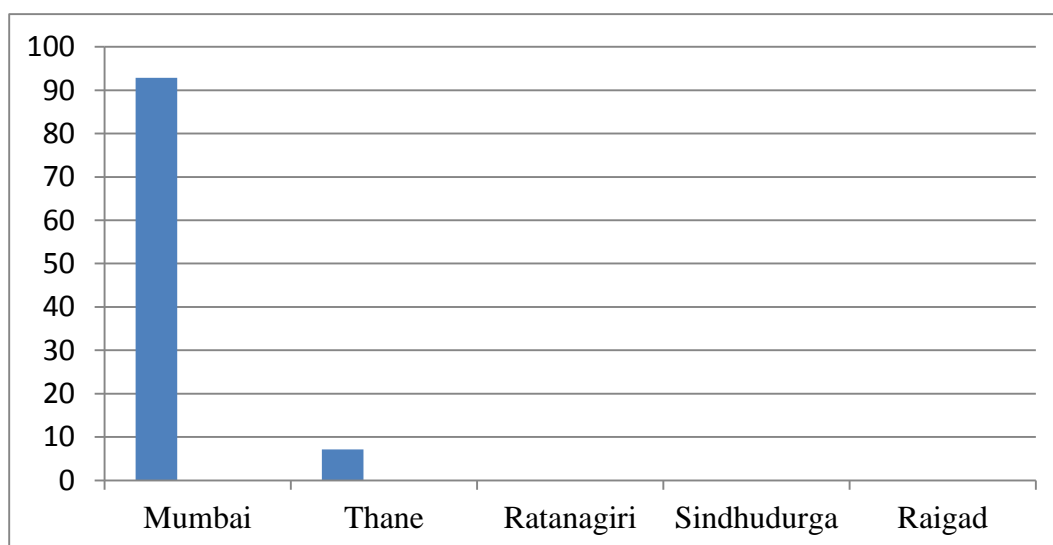
In Pune division library users are undergraduate student 4620, postgraduate student 950, and research student 200 use library.

In Pune division, Sangli district (12.65%), Kolhapur district (15.34%), Solapur (7.28%), Pune(54.08 %) and Satara (10.65%). Such type of library users is in Pune division.

2) **Total Number of Library users in Konkan division:**

**Table No. 4.9 : Total Number of Library Users in Pune Division**

Sr. No	District	U.G.	PG	Research User	Total library user	Percentage
1	Mumbai	3000	790	100	3890	92.84
2	Thane	180	60	60	300	7.16
3	Ratanagiri	00	00	00	00	0
4	Sindhudurga	00	00	00	00	0
5	Raigad		00	00	00	0
	<b>Total</b>	<b>3180</b>	<b>850</b>	<b>160</b>	<b>4190</b>	<b>100</b>



**Fig. No. 4.9 : Konkan Division**

**Observation:**

In Konkan division library users are undergraduate student 3180, postgraduate student 850, and research student 160 use library.

In Mumbai division, Mumbai (92.84%), Thane (7.16%), Ratnagiri (0%), Sindhudurga (0%) and Raigad (0 %). Such type of library users in Konkan division.

3) Total Library Users in Nagpur division

Table No. 4.10 : Nagpur Division

Sr. No.	District	U.G	P G	Researcher	Total library user	Percentage
1	Nagpur	1350	450	100	1900	64.08
2	Waradha	795	200	70	1065	35.92
3	Bhandara	0	0	0	0	0
4	Gondhia	0	0	0	0	0
5	Gadchiroli	0	0	0	0	0
6	Chandrapur	0	0	0	0	0
	<b>Total</b>	<b>2145</b>	<b>650</b>	<b>170</b>	<b>2965</b>	<b>100</b>



Fig. No. 4.10 : Nagpur Division

In Nagpur division library users are undergraduate student 2145, postgraduate student 650, and research student 170 use libraries.

In Nagpur division, Nagpur district (64.08%), Waradha (35.92%), Bhandhara (0%), Gondjiya (0%), Gadchiroli (0%), and Chandrapur (0%), Such type of library users in Aurangabad division.

4) Total library users in Nasik division

Table No. 4.11 : Nasik Division

Sr. No.	District	Total	PG	Researcher	Total library user	Percentage
1.	Dhule	450	100	10	560	20.11
2.	Nashik	660	220	10	890	31.96
3.	Ahmadnagar	675	225	25	925	33.21
4.	Jalgaon	300	100	10	410	14.72
5.	Nadurbar	0	0	0	0	0
	<b>Total</b>	<b>2085</b>	<b>645</b>	<b>55</b>	<b>2785</b>	<b>100</b>

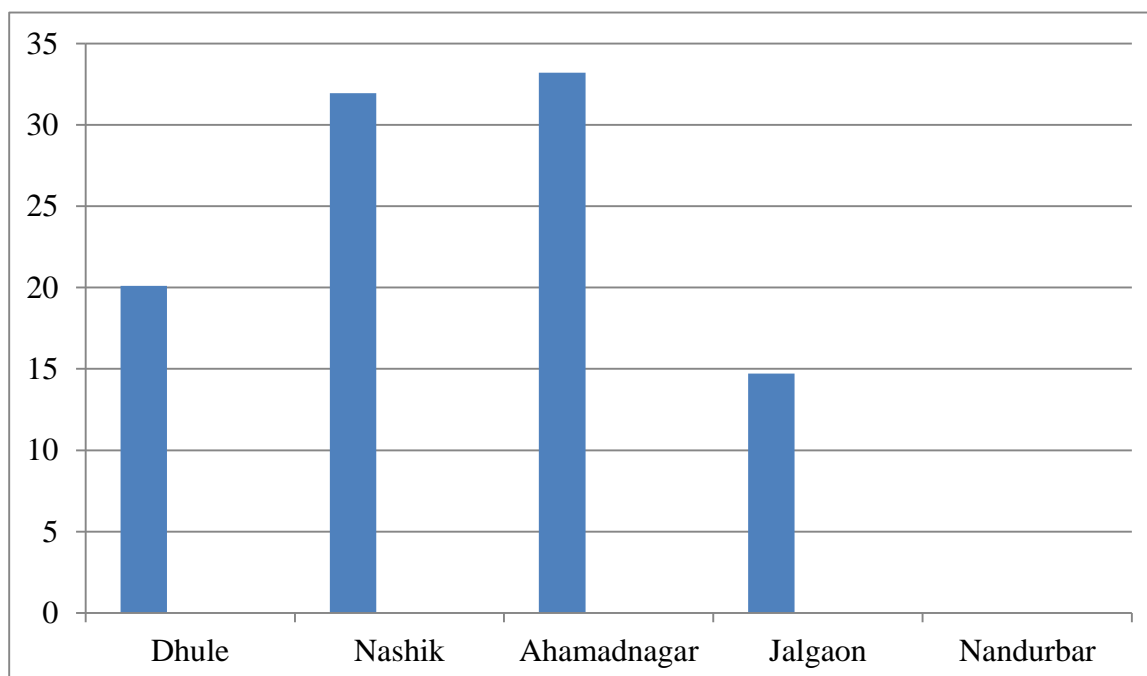


Fig. No. 4.11 : Nasik Division

In Nasik division library users are undergraduate student 2085, postgraduate student 645, and research student 170 use library.

In Nashik division, Dhule (20.11%), Nashik(31.96%), Ahmadnagar (33.21%), Jalgaon(14.72%) and Nandurbar (0 %). Such type of library users in Nashik division.

5) Total library users in Aurangabad division

Table No. 4.12 : Aurangabad Division

Sr. No.	District	U.G	P G	Researcher	Total library user	Percentage
1	Nanded	150	50	15	215	9.07
2	Aurangabad	900	300	25	1225	51.65
3	Latur	600	100	17	717	30.22
4	Beed	150	50	15	215	9.06
5	Hingoli	0	0	0	0	0
6	Jalana	0	0	0	0	0
7	Osamanabad	0	0	0	0	0
9	Parabhani	0	0	0	0	0
	<b>Total</b>	<b>1800</b>	<b>500</b>	<b>72</b>	<b>2372</b>	<b>100</b>

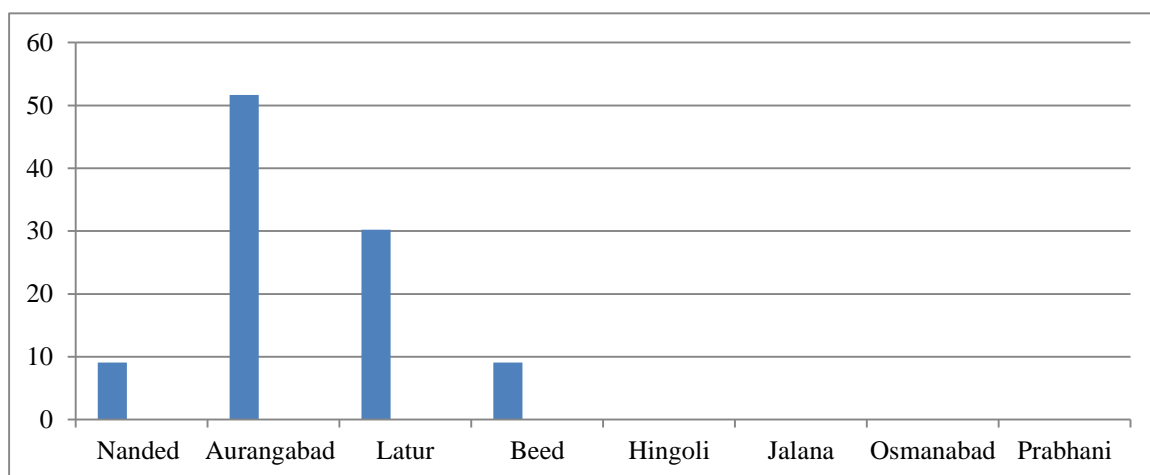


Fig. No. 4.12 : Districtwise Library Users in Aurangabad Division

In Aurangabad division library users are undergraduate student 1800, postgraduate student 500, and research student 72 use library.

In Aurangabad division, Nanded (9.07%), Aurangabad (51.65%), Latur (30.22%), Beed (9.06%) Hingoli (0%), Jalana (0%) Osmanabad (0%) and Prabhani (0%) Such type of library users in Aurangabad division.

6) Total library users in Amravati division

Table No. 4.13 : Amravati Division

Sr. No	District	Total	PG	Researcher	Total library user	Percentage
1.	Amravati	300	100	7	407	36.93
2.	Yawatmal	300	80	5	385	34.94
3.	Akola	300	0	10	310	28.13
4.	Buldhana	0	0	0	0	0
5.	Washim	0	0	0	0	0
	<b>Total</b>	<b>900</b>	<b>180</b>	<b>22</b>	<b>1102</b>	<b>100</b>

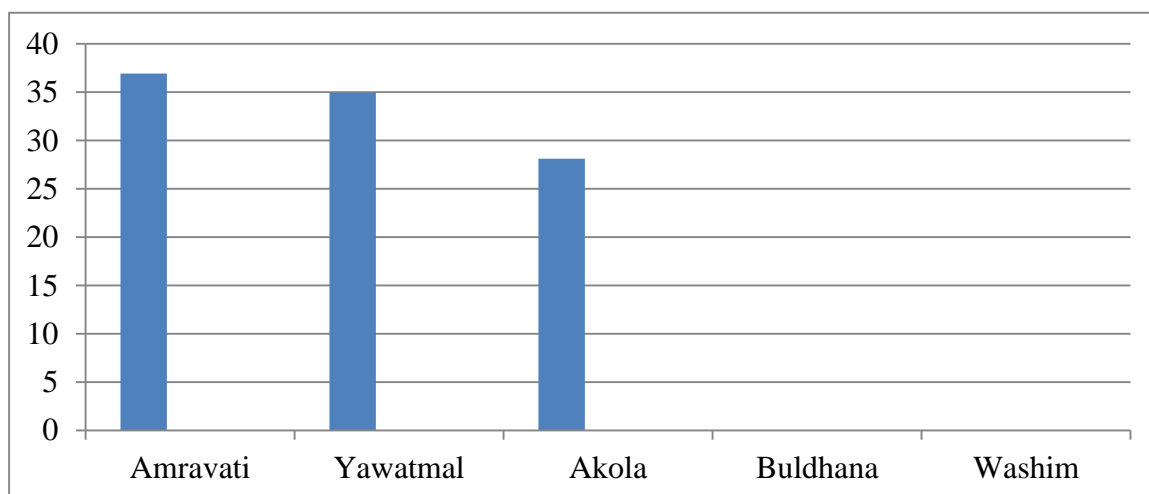


Fig. No. 4.13 : Amravati Division

In Amravati division library users are undergraduate student 900, postgraduate student, 180 and research student 22 use libraries.

In Amravati division, Amravati district (36.93%), Yawatmal (34.94%) and Akola (28.13%), Such type of library users in Amravati division.

Ranking of medical library users in Maharashtra: Division wise

Table No. 4.14 : Ranking of Library User

Sr. No.	Division	U.G	P G	Researcher	Total library user	Percentage
1	Amravati	900	180	22	1102	5.75
2	Aurangabad	1800	500	72	2372	12.37
3	Nashik	2085	645	55	2785	14.51
4	Nagpur	2145	650	170	2965	15.45
5	Konkan	3180	850	160	4190	21.85
6	Pune	4620	950	200	5770	30.07
	<b>Total</b>	<b>14730</b>	<b>3775</b>	<b>679</b>	<b>19184</b>	<b>100</b>

Total Library User in Maharashtra

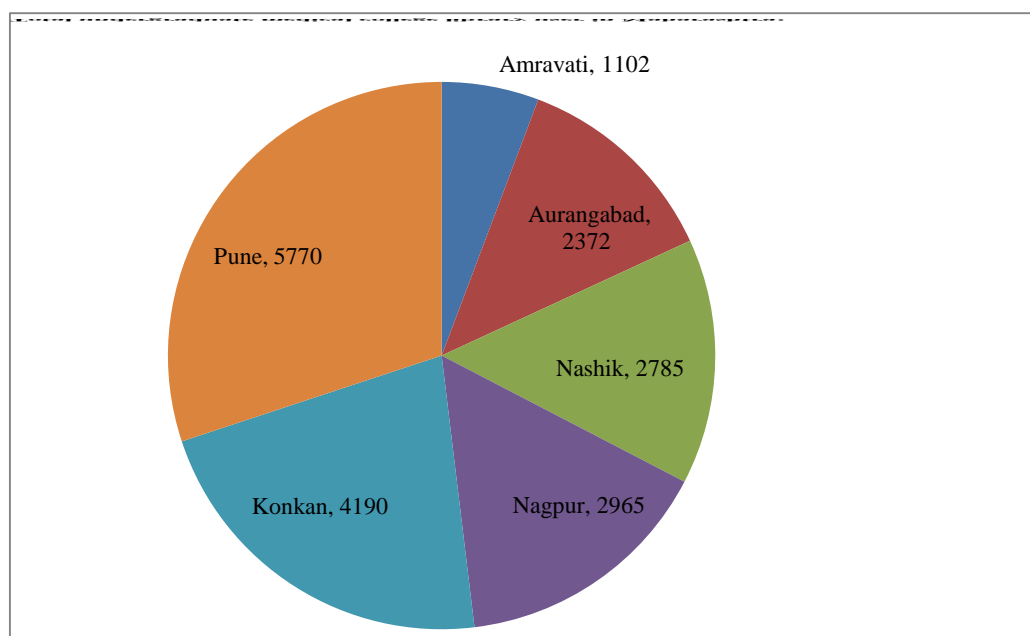
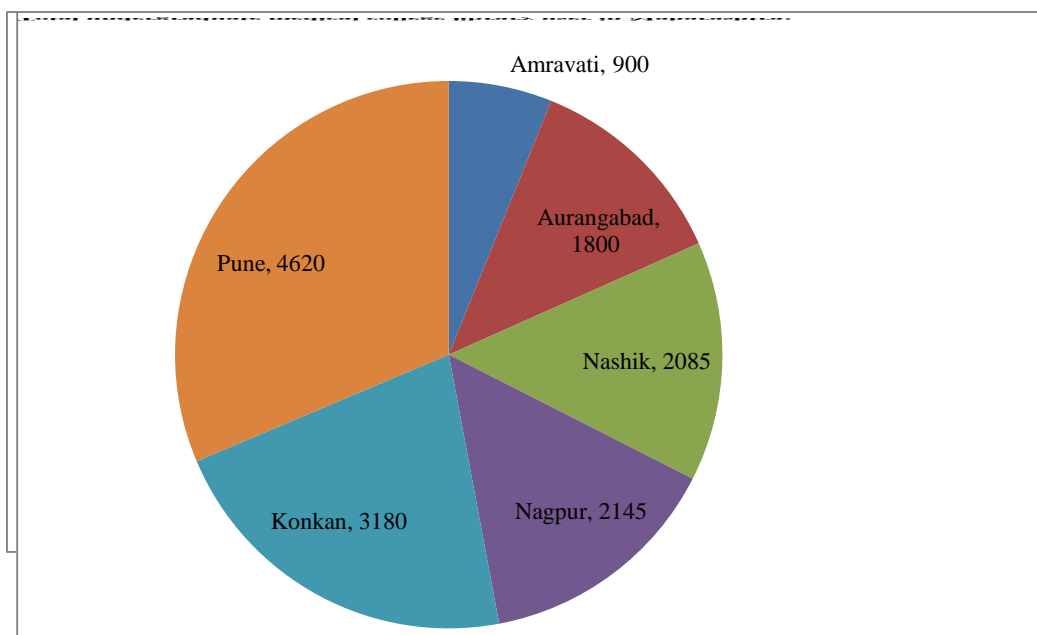


Fig. No. 4.14 : Total Library User

According research survey total library user in Amravati division 1102, Aurangabad division 2372, Nasik division 2785, Nagpur division 2965, Konkan division 4190 and Pune division division 5770



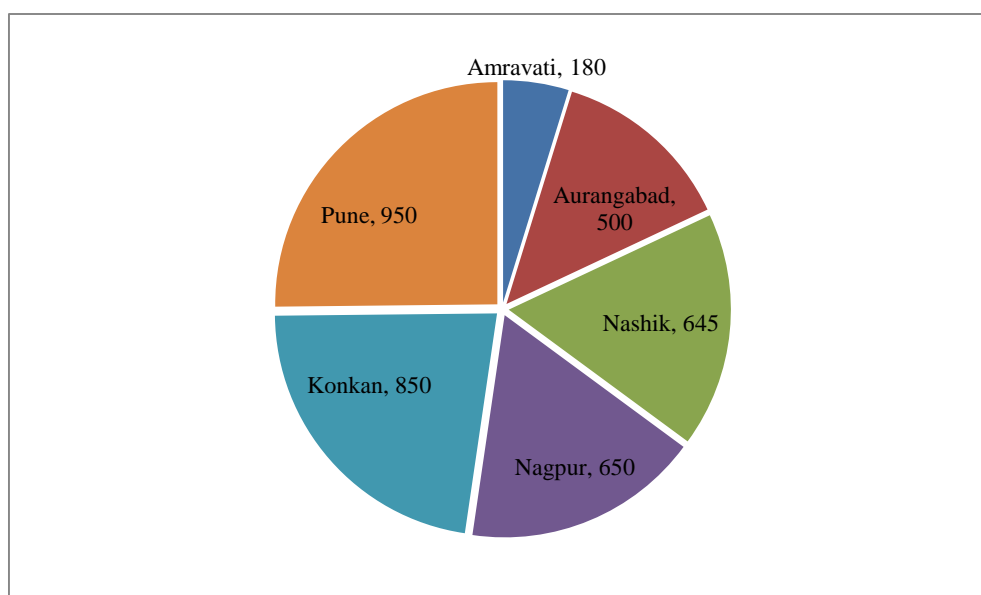
**Total Undergraduate Medical College Library User In Maharashtra**



**Fig. No. 4.15:**

According to research survey, the total undergraduate library users in Amravati division are 900, Aurangabad division 1800, Nashik division 2085, Nagpur division 2145, Konkan division 3180 and Pune division 4620.

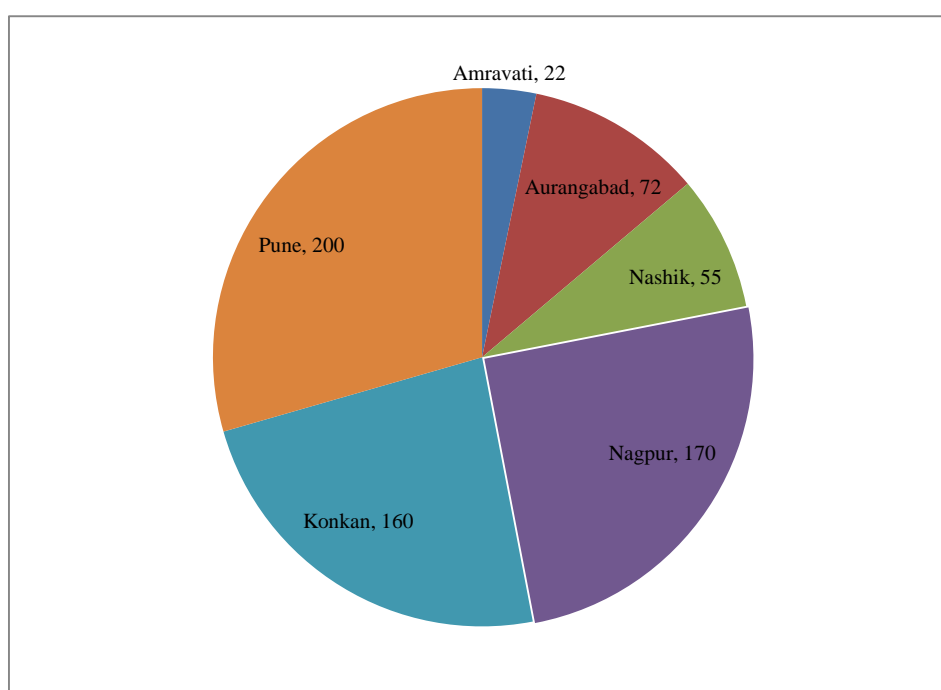
**Total Post-graduate Medical College Library User in Maharashtra**



**Fig. No. 4.16:**

According research survey total postgraduate library user in Amravati division 180, Aurangabad division 500, Nasik division 645, Nagpur division 650, Konkan 850 and pune division 950

**Total Research Library User in Maharashtra**



**Fig. No. 4.17**

According research survey total research library user in Amravati division 22, Aurangabad division 72, Nasik division 55, Nagpur division 170, Konkan 160 and Pune division 200.

**Top most ranking of medical college in Maharashtra 2013 -2014:**

In Maharashtra total 42 medical colleges are well working condition In which following top most medical college are available.

<b>Sr. No.</b>	<b>Name of college</b>	<b>Place</b>
1.	Armed Force Medical College	Pune
2.	Grant medical college	Mumbai
3.	Seth Govardhan medical college	Mumbai
4.	Topiwala national medical college	Mumbai
5.	Government medical college Nagpur	Nagpur
6.	Maharashtra institute of medical education and research	Talegaon, Pune.
7.	Bharativedyapeeth medical college	Pune
8.	B. J. medical college pune	Pune
9.	Government medical college Nagpur	Nagpur
10.	K.J. Somaiya medical college Sion	Mumbai

### **Summary:**

There are six division in Maharashtra such as Amravati, Aurangabad, Konkan, Nagpur, Nashik and Pune. The 42 medical colleges and libraries are situated in this region. Larger number of medical colleges libraries are in Pune division and smaller number of medical college in Amravati division. **17** medical college are under the state Government, **2** medical colleges and libraries are under the Municipal Corporation and only **01** medical college is under the central Government. While rest of them about **22** medical college are under private institutes. Every year **4910** students are admitted in the first year batch of Allopathic Medical College in Maharashtra. Total number of undergraduate students are **14730**, postgraduates are **3775**, research student **679** and over all Maharashtra total medical library user are **19184** students. All the medical colleges are affiliated to respective local universities and Health University at Nasik. Every year Medical Council of India (M.C.I) observe upgrading and improvement of all facilities, availability of qualified staff and students services. Library is main soul of medical college. So medical library must be upgrade for student satisfaction.

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