

## THE IMPACT OF PANDEMIC ON UNDERGRADUATE AND POSTGRADUATE DEGREE COURSES

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### ABSTRACT

In this paper discussed about that impact of pandemic on undergraduate and postgraduate courses, the name of courses is B.Tech (Bachelor of Technology), BBA (Bachelor of business administration), BCA (Bachelor of computer applications), MBA (Master of business administration), MCA (Master of computer applications). These all courses are very important for every student and all courses have very high cost in the institutions. In this paper discussed about only one college, the name of institute is future group of institution in Bareilly. In this paper discussed about every courses one by one.

**Keywords:** B.Tech, BBA, BCA, MBA, MCA.

### I. INTRODUCTION

The education have very important role in every human, because a good identity make by the education. So every person tries to educate but due to some reason many person not achieved this goal. In this paper used every courses have a higher cost and a higher knowledge, every person wants to achieve this courses but due to some reason they did not achieve the course. Finance is the biggest reason for these are courses, and second reason is time duration and third reason is language problems. Now discussed about the courses and branches, first is B.Tech the full form is bachelor of technology. In this course have some branches, mechanical engineering (ME), and Electrical engineering (EE), Civil engineering (CE), Computer science engineering (CSE), and information technology (IT). Now discussed about the MBA courses, the full form is master of business administration; the branch is marketing management (MM), financial management (FM), Human resources (HR), international business (IB). In this pandemic time these all course are going to decreasing order. In this pandemic the economy has become very poor and the fear of pandemic is every person. So new student not enrolled in these types of courses, if any condition the students complete the courses then he faced the job problems.

### II. METHODOLOGY

In this paper, the institution name is future group of institutions Bareilly. In this section discussed about every courses one by one.

**B.Tech (Bachelor of technology)** - B.Tech is a undergraduate degree course, the time duration of this course is 4 years. It is a technical degree course, after complete the B.Tech course meet a good job in the industry (government or semi government / private). This course also called the engineering course. This course performed in the university/ institution. This course has some branches

- Mechanical engineering
- Civil engineering
- Electrical engineering
- Computer science engineering
- Information technology

**Table 1:-** The seats availability in Bachelor of Technology

Branch's Name	Seats
Mechanical engineering (ME)	120
Civil engineering (CE)	60
Electrical engineering (EE)	90
Computer science engineering (CSE)	120
Information technology (IT)	60

**Table 2:-** The availability of students in Bachelor of technology (2016-2017)

Branch's Name	Availability of students
Mechanical engineering (ME)	100
Civil engineering (CE)	48
Electrical engineering (EE)	80
Computer science engineering (CSE)	90
Information technology (IT)	48

**Table 3:-** The availability of students in Bachelor of technology (2017-2018)

Branch's Name	Availability of students
Mechanical engineering (ME)	110
Civil engineering (CE)	54
Electrical engineering (EE)	88
Computer science engineering (CSE)	110
Information technology (IT)	50

**Table 4:-** The availability of students in Bachelor of technology (2018-19)

Branch's Name	Availability of students
Mechanical engineering (ME)	115
Civil engineering (CE)	56
Electrical engineering (EE)	90
Computer science engineering (CSE)	117
Information technology (IT)	54

**Table 5:-** The availability of students in Bachelor of technology (2019-2020)

Branch's Name	Availability of students
Mechanical engineering (ME)	85
Civil engineering (CE)	44
Electrical engineering (EE)	78
Computer science engineering (CSE)	100
Information technology (IT)	45

**BBA (Bachelor of business administration)** - BBA is a management course, the time duration of this course is 3 years. The students learned about the business in this course and how to make entrepreneur and how to make industry etc.

**Table 6:-** The seat availability in Bachelor of business administration

Course's Name	Seats
Bachelor of business administration	60

**Table 7:-**The availability of students in Bachelor of business administration (2016-2017)

Course's Name	Availability of students
Bachelor of business administration	50

**Table 8:-**The availability of students in Bachelor of business administration (2017-2018)

Course's Name	Availability of students
Bachelor of business administration	53

**Table 9:-**The availability of students in Bachelor of business administration (2018-2019)

Course's Name	Availability of students
Bachelor of business administration	56

**Table 10:-**The availability of students in Bachelor of business administration (2019-2020)

Course's Name	Availability of students
Bachelor of business administration	45

**BCA (Bachelor of computer applications)** – BCA is undergraduate degree course; the time duration of this course is 3 years. The student learned about the computer application in this course. This course is a technical course in this course also learned about that how to make the program and website portal etc.

**Table 11:-** The seat availability in Bachelor of computer applications

Course's Name	Seats
Bachelor of computer applications	60

**Table 12:-**The availability of students in Bachelor of computer applications (2016-2017)

Course's Name	Availability of students
Bachelor of computer applications	47

**Table 13:-**The availability of students in Bachelor of computer applications (2017-2018)

Course's Name	Availability of students
Bachelor of computer applications	50

**Table 14:-**The availability of students in Bachelor of computer applications (2018-2019)

Course's Name	Availability of students
Bachelor of computer applications	52

**Table 15:-**The availability of students in Bachelor of computer applications (2019-2020)

Course's Name	Availability of students
Bachelor of computer applications	44

**MBA (Master of business administration)** – MBA is postgraduate degree Course; the time duration of this course is 2 years. In this course learned about the entrepreneurship and how to make big business, and also learned about the management of the organization/ industry etc. This course has some branches, the name mention below.

- Marketing management (MM)
- Financial management (FM)
- Human resources (HR)
- International business (IB)

**Table 16:-** The seat availability in Master of business administration

Branch's Name	Seats
Marketing management	60
Financial management	60
Human resources	60

International business	60
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**Table 17:-**The availability of students in Master of business administration (2016-2017)

Branch's Name	Availability of students
Marketing management	52
Financial management	55
Human resources	54
International business	49

**Table 18:-**The availability of students in Master of business administration (2017-2018)

Branch's Name	Availability of students
Marketing management	56
Financial management	56
Human resources	55
International business	50

**Table 19:-**The availability of students in Master of business administration (2018-2019)

Branch's Name	Availability of students
Marketing management	58
Financial management	56
Human resources	55
International business	50

**Table 20:-**The availability of students in Master of business administration (2019-2020)

Branch's Name	Availability of students
Marketing management	48
Financial management	44
Human resources	47
International business	45

**MCA (Master of computer applications)** – MCA is a postgraduate degree course; the time duration of this course is 2 years. This course learned about the computer programming and how to make website portal etc. This course is also a technical course, this course also learned about the java, 'C' language, C++ language etc. this course also make a researcher, in this course students can learn about the basic to high level keys of computer and about software, hardware. This course have very important role to solve the computer problems.

**Table 21:-** The seat availability in Master of computer applications

Course's Name	Seats
Master of computer applications	15

**Table 22:-**The availability of students in Bachelor of computer applications (2016-2017)

Course's Name	Availability of students
Master of computer applications	6

**Table 23:-**The availability of students in Bachelor of computer applications (2017-2018)

Course's Name	Availability of students
Master of computer applications	7

**Table 24:-**The availability of students in Bachelor of computer applications (2018-2019)

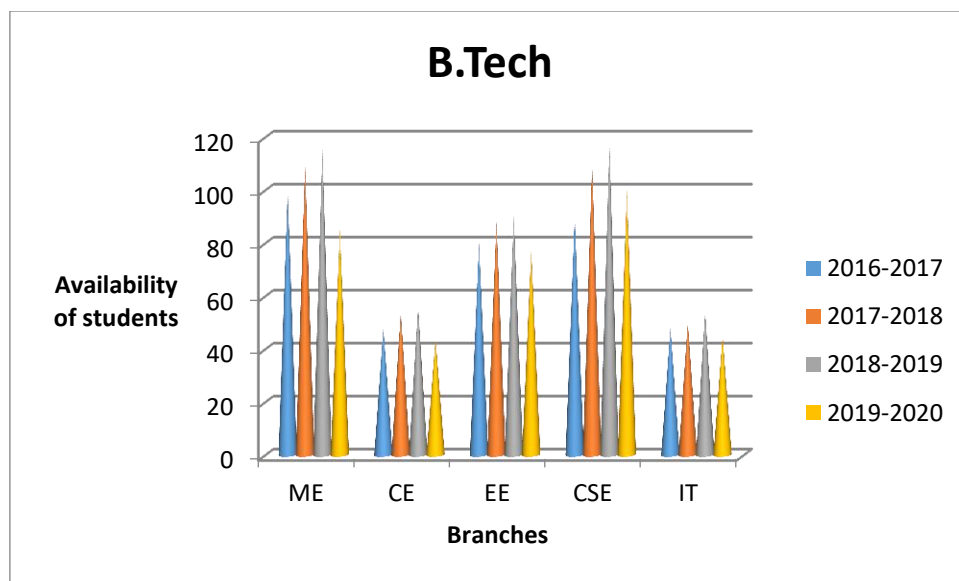
Course's Name	Availability of students
Master of computer applications	8

**Table 25:-**The availability of students in Bachelor of computer applications (2019-2020)

Course's Name	Availability of students
Master of computer applications	2

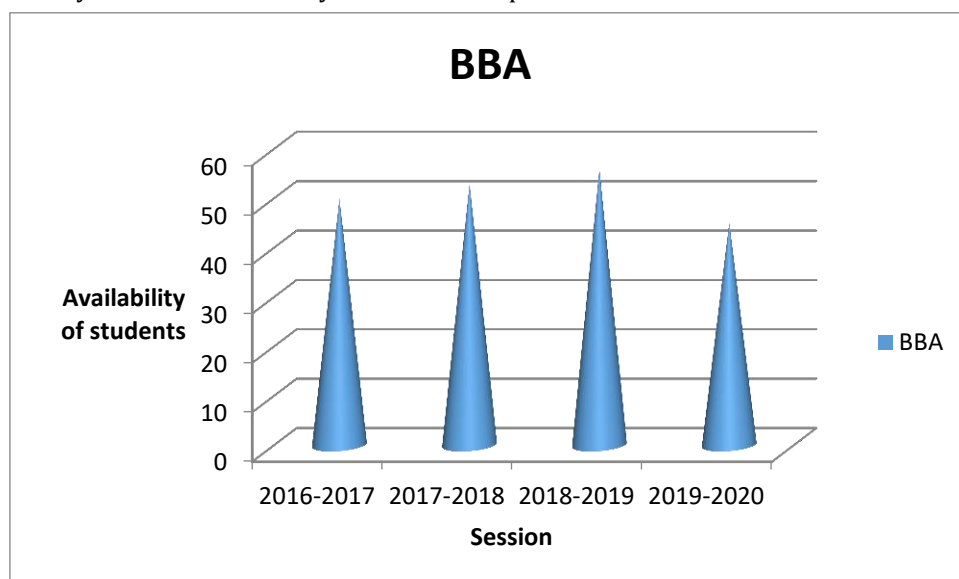
### III. RESULTS AND DISCUSSION

In this section discussed about the result of every courses in years one by one, this section shows the impact of pandemic on UG and PG courses.



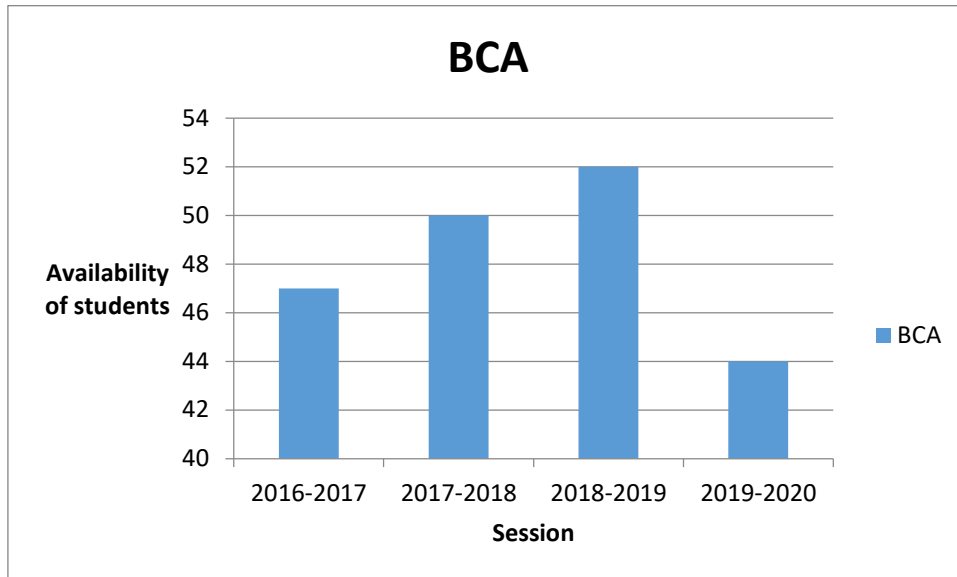
**Figure 1:** The availability of students in the B.Tech course.

In this figure shows the pandemic impact on B.Tech course yearly with branch wise, this also shows that the session of 2016-2017 to 2018-2019 the availability of students was increasing order. But in the session 2019-2020 the availability of students suddenly decreased due pandemic situation.



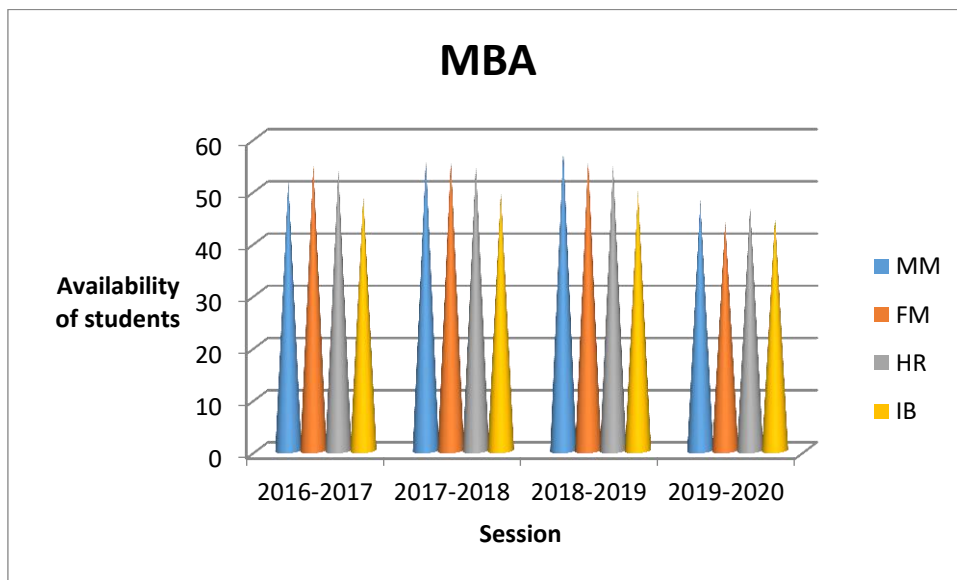
**Figure 2:** The availability of students in the BBA course

In this figure shows the pandemic impact on BBA course yearly, this also shows that the session of 2016-2017 to 2018-2019 the availability of students was increasing order. But in the session 2019-2020 the availability of students suddenly decreased due pandemic situation.



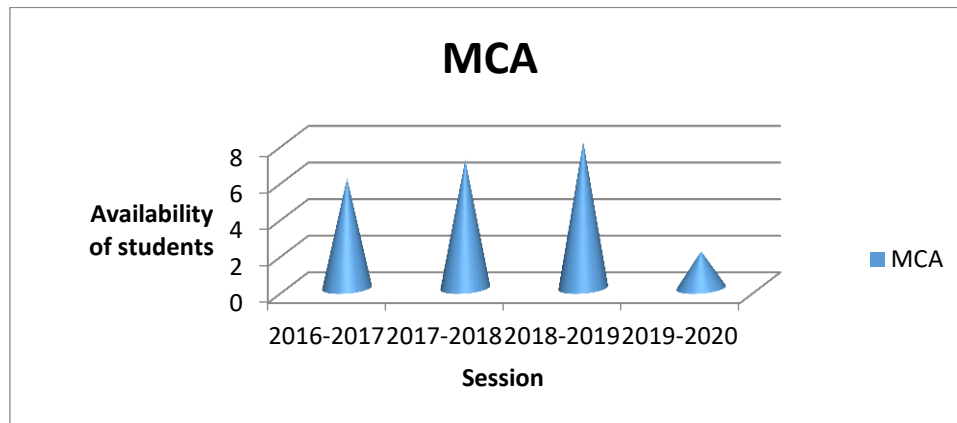
**Figure 3:** The availability of students in the BCA course

In this figure shows the pandemic impact on BCA course yearly, this also shows that the session of 2016-2017 to 2018-2019 the availability of students was increasing order. But in the session 2019-2020 the availability of students suddenly decreased due pandemic situation.



**Figure 4:** The availability of students in the MBA course

In this figure shows the pandemic impact on MBA course yearly with branch wise, this also shows that the session of 2016-2017 to 2018-2019 the availability of students was increasing order. But in the session 2019-2020 the availability of students suddenly decreased due pandemic situation.



**Figure 4:** The availability of students in the MBA course

In this figure shows the pandemic impact on MCA course yearly, this also shows that the session of 2016-2017 to 2018-2019 the availability of students was increasing order. But in the session 2019-2020 the availability of students suddenly decreased due pandemic situation.

#### IV. CONCLUSION

In this section discussed about the conclusion of all courses of UG and PG course, the impact of pandemic on the availability of students.

- In the B.Tech course, in the mechanical engineering and computer science engineering branch the quantity of students approximately good but other branches have very poor performance in pandemic time. In the session 2016-2017 to 2018-2019 the availability of students increased but session 2019-2020 the availability of students suddenly decreased.
- In the course of BBA, the quantity of students increased yearly in the session of 2016-2017 to 2018-2019 but in the session of 2019-2020 the availability of students decreased.
- In the course of BCA, the quantity of students increased yearly in the session of 2016-2017 to 2018-2019 but in the session of 2019-2020 the availability of students decreased.
- In the MBA course, in the marketing management and financial management the quantity of students approximately good but other branches have very poor performance in pandemic time. In the session 2016-2017 to 2018-2019 the availability of students increased but session 2019-2020 the availability of students suddenly decreased.
- In the course of MCA, the quantity of students increased yearly in the session of 2016-2017 to 2018-2019 but in the session of 2019-2020 the availability of students decreased.

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