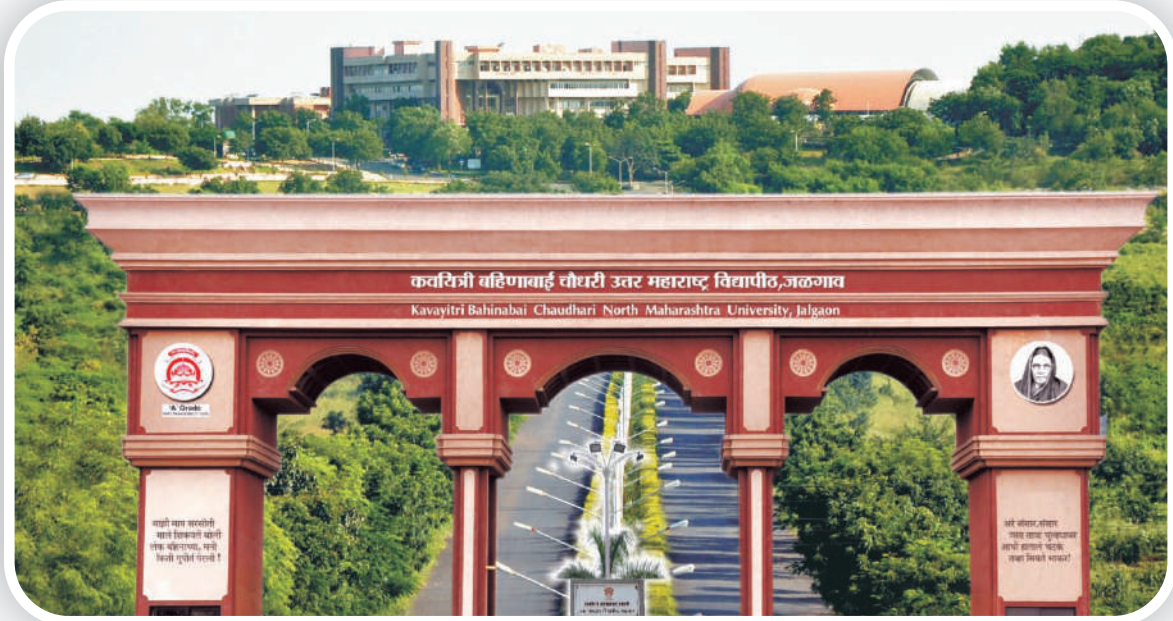


॥ अंतरी पेटवू ज्ञानज्योत ॥



## Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

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**Perspective Plan  
(2019 - 2024)**

## Five Years Perspective Plan (2019-2024)

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॥ अंतरी पेटव् ज्ञानज्योत ॥

# Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

Umavinagar, Jalgaon - 425 001 (Maharashtra) INDIA

(formerly North Maharashtra University, Jalgaon)

**Prof. P. P. Patil**

Ph.D., F.M.A.Sc.

**VICE-CHANCELLOR**

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Definitely the endeavors of Govt. of Maharashtra for the preparation of Perspective Plan of all universities in Maharashtra will be fruitful with concrete outcomes to achieve the expected quality in higher education of Maharashtra at International level.

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## 1. Executive Summary

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, established on 15th August, 1990 and started academic and administrative functioning from the academic year 1991-92. The jurisdiction of the University is extended over three districts Jalgaon, Dhule and Nandurbar, with 16.04%, 34.88% and 73.06% tribal population, respectively in the Khandesh region.

Out of 215 affiliated colleges and institutes, **01** college is recognized as **College of Excellence**, **05** colleges have been identified as **College with Potential for Excellence** and **01** college has been granted autonomous status by the UGC, New Delhi and Government of Maharashtra. On the university campus, **13** Schools and **01** Institute are imparting education programmes. The University has re-accredited by NAAC with 'A' grade in 3<sup>rd</sup> cycle in 2015.

The Perspective Plan of Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon has been developed taking into consideration its geographic location, local resources and needs, and the feedback of the stakeholders. During the period 2019-2024, **74** new colleges will be established, and major attention is given to tribal areas. Also, **04** Night colleges, **05** Women colleges, **32** Skill Development colleges, **08** Social work colleges, **08** Arts & Fine Arts colleges, 02 special B.Ed. colleges, **02** B.Sc. (Fashion Designing) colleges, **02** B.Sc. (Hotel/Hospitality Management) colleges, and **01** Law college are proposed in next five years.

University has planned to establish **01** conducted college at Molagi (Nandurbar). Furthermore, establishment of **01** Model college at Tokartalao (Nandurbar) under RUSA, Government of Maharashtra, is envisioned.

With these initiatives, the university envisages increase in overall GER from **20.86** to **25.67** by 2024. Total 32 new colleges for skill development courses will be introduced with the total number of 35 skill courses in the university. It is also envisaged that, by 2024 every UG, PG program will have at least 01 skill-based component to be introduced through CBCS mechanism. The university will establish tribal research centres, entrepreneurship and incubation centre, and at least 10 incubate will run start-ups by 2024. Furthermore, the university will establish two special centres, namely, Bahinabai Study & Research Centre and Tribal Museum & Research Centre.

The university will enhance its research activities by increasing its publications, citations, Ph.D.s, and in this process the university hopes to be in 50-100 band of NIRF ranking by 2024. The university will generate revenue from analytical services, consultancy and industrial collaborations to the tune of Rs. 25 Lakhs by 2024.

Students welfare activities will be enhanced by increasing Counselling Cells, Training and Placement Cells, Earn and learn Schemes, Competitive Examination Centres etc. University propose to increase courses for mandatory internships/in-plant trainings, for fetching more placements opportunities to students. The university is proposing to increase courses for liberal, fine and performing arts, tourism and hospitality also to broaden the opportunities for rural and tribal students.



## 2. Objectives

### 2.1 Improvement in GER in a given region

| Name of district | Current GER in district | Increment targeted by 2024 |
|------------------|-------------------------|----------------------------|
| Jalgaon          | 24.72                   | +05                        |
| Dhule            | 19.68                   | +05                        |
| Nandurbar        | 10.80                   | +05                        |

### 2.2 Improvement in inclusivity and equity

#### GER (General)

| Name of most backward area | Current GER in area | Increment targeted by 2024 |
|----------------------------|---------------------|----------------------------|
| Akrani                     | 05                  | +05                        |
| Dharangaon                 | 08                  | +05                        |

#### GER (Females)

| Name of most backward area | Current GER (females) | Increment targeted by 2024 |
|----------------------------|-----------------------|----------------------------|
| Akrani                     | 05                    | +05                        |
| Akkalkuwa                  | 05                    | +05                        |

#### GER (SC)

| Name of most backward area | Current GER of SC | Increment targeted by 2024 |
|----------------------------|-------------------|----------------------------|
| Raver                      | 08                | +05                        |
| Bhadgaon                   | 09                | +05                        |

#### GER (ST)

| Name of most backward area | Current GER of ST | Increment targeted by 2024 |
|----------------------------|-------------------|----------------------------|
| Akrani                     | 05                | +05                        |
| Shindkheda                 | 06                | +05                        |

#### GER (NT)

| Name of most backward area | Current GER of NT | Increment targeted by 2024 |
|----------------------------|-------------------|----------------------------|
| Sakri                      | 02                | +04                        |
| Jamner                     | 03                | +04                        |

#### Equity

| Initiatives  | Current Status      | Envisaged by 2024 |
|--|---------------------|-------------------|
| Number of Equal opportunity cells  | 54                  | 126               |
| How many departments and colleges have facilities for physically challenged students                       | 180<br>(only ramps) | 215               |
| Number of schemes for special needs of tribal and disadvantaged groups                                     | 17                  | 20                |
| Number of students benefitting from scholarships/schemes for economically and socially challenged students | 5000                | 15000             |
| Schemes for special needs of transgender   | 0                   | 03                |

## 2.3 Improving quality and delivery of education

### Number of colleges with NAAC accreditation

| Number of affiliated colleges | Currently NAAC accredited | NAAC accredited colleges proposed by 2024 |
|-------------------------------|---------------------------|---|
| 215                           | 92                        | 120                                       |

### Number of colleges accredited with NAAC 'A' grade

| Number of affiliated colleges | Colleges with A grade currently | Proposed by 2024 |
|-------------------------------|---------------------------------|------------------|
| 215                           | 16                              | 40               |

### Number of technical programmes with NBA accreditation

| Number of technical programmes across all affiliated colleges | Current Status | Envisaged by 2024 |
|---|----------------|-------------------|
| 119   | 01             | 10                |

### Number of technical programmes accredited with Tier I (WA) under NBA

| Number of technical programmes across all affiliated colleges | Current Status | Envisaged by 2024 |
|---|----------------|-------------------|
| 119   | 00             | 04                |

### Academic audit

|                                | Current Status | Envisaged by 2024 |
|--------------------------------|----------------|-------------------|
| University departments/ School | 00             | 13                |
| Affiliated colleges            | 215            | 215 +             |

### Decentralization of university administration

|                        | Current Status | Envisaged by 2024 |
|------------------------|----------------|-------------------|
| Satellite Centres      | 00             | 03                |
| Sub-campuses           | 01             | 04                |
| Autonomous Departments | 09             | 13                |
| Autonomous Colleges    | 01             | 03                |

### Timely declaration of results

|                          | 2015    | 2016    | 2017    | 2018    | Target for 2024 |
|--------------------------|---------|---------|---------|---------|-----------------|
| Non-professional courses | 32 days | 30 days | 30 days | 30 days | 25 days         |
| Professional courses     | 30 days | 30 days | 30 days | 27days  | 25 days         |

## 2.4 Developing R&D partnership with industry

### Number and type of industries engaged with

| Type of Industry | Current Status | Envisaged by 2024 |
|------------------|----------------|-------------------|
| Manufacturing    | 10             | 45                |
| Services         | 01             | 08                |
| Agro based       | 06             | 12                |
| Other            | 00             | 07                |
| <b>Total</b>     | <b>17</b>      | <b>72</b>         |

### Details of engagement with industry

| Type of engagement                                | Current Status | Envisaged by 2024 |
|---|----------------|-------------------|
| Industrial Consultancy                            | 9              | 34                |
| Technology Transfer                               | 6              | 8                 |
| MoUs/Collaborations                               | 10             | 22                |
| Number of faculty working on industrial projects  | 17             | 24                |
| Number of students working on industrial projects | 12             | 50                |

### Number of patents/IPRs

| IPR              | Current Status | Envisaged by 2024 |
|------------------|----------------|-------------------|
| Patents granted  | 14             | 10                |
| Patent published | 41             | 21                |
| Copy right       | 00             | 05                |
| <b>Total</b>     | <b>55</b>      | <b>36</b>         |

## 2.5 Engagement with regional economic development and aspirations

Details of engagement of university with local bodies (Zilla Parishads, Gram Panchayats, etc.) and social programmes in the form of consultancy, third party assessments/M&E of Jalyukt Shivar works, RWS schemes, Unnat Bharat Abhiyan, Unnat Maharashtra Abhiyan, Swachh Bharat, other government schemes, GPDP preparation.

| Details                        | Current Status | Envisaged by 2024 |
|--------------------------------|----------------|-------------------|
| Number of engagements          | 06             | 38                |
| Number of faculty involved in  | 10             | 112               |
| Number of students involved in | 110            | 7665              |

Engagement of the university (through R&D investment, support in terms of technical/knowledge/ business solutions) with local community, MSMEs, Self-help-groups, tourism and hospitality and to enhance utilization of local resources (natural/cultural/human)

| Details                        | Current Status | Envisaged by 2024 |
|--------------------------------|----------------|-------------------|
| Number of engagements          | 00             | 15                |
| Number of faculty involved in  | 00             | 75                |
| Number of students involved in | 00             | 1600              |

## 2.6 Development of skills and entrepreneurship

### Number of courses offered in skill development and entrepreneurship

| Details                  | Current Status |                | Envisaged by 2024 |                |
|--------------------------|----------------|----------------|-------------------|----------------|
|                          | No. of Units   | No. of Courses | No. of Units      | No. of Courses |
| Number of skill courses  |                |                |                   |                |
| University Departments   | 01             | 02             | 07                | 20             |
| Affiliated Colleges      | 09             | 29             | 16                | 44             |
| Entrepreneurship courses |                |                |                   |                |
| University Departments   | 00             | 00             | 01                | 01             |
| Affiliated Colleges      | 00             | 00             | 01                | 01             |
| <b>Total</b>             | <b>10</b>      | <b>31</b>      | <b>25</b>         | <b>66</b>      |

### Details of mandatory internships/in-plant trainings

| Programs         |    | Number of programmes with Mandatory Internship |            |           |                   |            |           |
|------------------|----|--|------------|-----------|-------------------|------------|-----------|
|                  |    | Current Status                                 |            |           | Envisaged by 2024 |            |           |
|                  |    | < 30 days                                      | 30-60 days | > 61 days | < 30 days         | 30-60 days | > 61 days |
| Professional     | UG | 00   | 01         | 05        | 00                | 05         | 50        |
|                  | PG | 00   | 07         | 11        | 00                | 02         | 20        |
| Non-Professional | UG | 00   | 00         | 00        | 00                | 03         | 00        |
|                  | PG | 00   | 00         | 07        | 00                | 55         | 00        |

### Details of centres for technology dissemination and incubation/innovation centres

|                            | Current Status | Envisaged by 2024 |
|----------------------------|----------------|-------------------|
| All University Departments | 00             | 02                |
| All Affiliated Colleges    | 00             | 05                |
| Total                      | 00             | 07                |

### Placement Cells

|  | Current Status | Envisaged by 2024 |
|--|----------------|-------------------|
| Number of placement cells in the university (includes affiliated colleges) | 31             | 90                |
| Number of students covered by the placement cells                          | 2500           | 100000            |
| Number of students actually placed   | 510            | 20000             |

## 2.7 Making the university a cultural powerhouse in a region

### Details of courses offered in liberal, fine and performing arts, tourism and hospitality

| Details                 | Current Status | Envisaged by 2024 |
|-------------------------|----------------|-------------------|
| Fine Art                | 02             | 03                |
| Performing Art          | 06             | 05                |
| Liberal Art             | 00             | 01                |
| Folk Art                | 00             | 01                |
| Tourism and Hospitality | 00             | 05                |
| Any other art forms     | 00             | 03                |
| <b>Total</b>            | <b>08</b>      | <b>18</b>         |

### Details of centres set up for preservation/study/appreciation of local culture/history/art forms

| Name of university department/College  | Current Status | Envisaged by 2024 |
|--|----------------|-------------------|
| Knowledge Resource Centre, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon | 01             | 05                |
| Pratap Philosophy Centre, Amalner Sub-Campus of the university                                 | 01             | 01                |
| <b>Total</b>   | <b>02</b>      | <b>06</b>         |

### Details of student clubs/groups set up for practice/promotion of local, liberal, fine and performing arts

| Name of university department / college                             | Current Status | Envisaged by 2024 |
|---|----------------|-------------------|
| Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon | 00             | 05                |
| Affiliated Colleges   | 00             | 30                |
| <b>Total</b>  | <b>00</b>      | <b>35</b>         |



## 2.8 Focus on students' welfare

| Details   | Current Status | Envisaged by 2024 |
|---|----------------|-------------------|
| Number of career counselling and guidance centres in the university                         | 31             | 55                |
| Number of students counselled and guided per year   | 7000           | 15000             |
| Number of courses conducted per year on life skills and value education                     | 104            | 425               |
| Number of students covered per year by the courses on life skills and value education       | 5990           | 14000             |
| Number of centres for training in competitive examinations                                  | 28             | 107               |
| Number of students covered per year by the centres for training in competitive examinations | 4269           | 10000             |
| Number of 'Learn and Earn' schemes for students   | 02             | 05                |
| Number of students benefitting from 'Learn and Earn' schemes                                | 1479           | 2500              |

## 2.9 Achieving excellence in sports

| Details   | 2015 | 2016 | 2017 | 2018 | Target for 2024 |
|---|------|------|------|------|-----------------|
| Health, fitness and sports facilities (% satisfaction level)                    | 25   | 30   | 35   | 40   | 70              |
| No. of students participating at State level competitions (Inter University)    | 120  | 120  | 120  | 120  | 250             |
| No. of students participating at National level competitions (Intra University) | 452  | 448  | 517  | 525  | 700             |
| No. of students participating at Asian level competitions                       | --   | --   | --   | --   | 05              |
| No. of students participating at Olympic/International level competitions       | --   | --   | --   | --   | 02              |

## 2.10 Academic leadership in national and global contexts

### University ranking

| Ranking and agencies     | 2015 | 2016 | 2017    | 2018    | Target for 2024                  |
|--------------------------|------|------|---------|---------|----------------------------------|
| NIRF                     | --   | 59   | 100-150 | 150-200 | 50-100                           |
| Asia University Ranking  | --   | --   | --      | --      | To be prepared for participation |
| QS BRICS Ranking         | --   | --   | --      | --      |                                  |
| QS Ranking (World)       | --   | --   | --      | --      |                                  |
| World University Ranking | --   | --   | --      | --      |                                  |

### Number of PhDs per year

| Faculty                   | 2015 | 2016 | 2017 | 2018 | Target for 2024 |
|---------------------------|------|------|------|------|-----------------|
| Science & Technology      | 59   | 119  | 50   | 119  | 60              |
| Commerce & Management     | 6    | 16   | 19   | 26   | 12              |
| Humanities and Arts       | 28   | 52   | 38   | 67   | 30              |
| Interdisciplinary Studies | 6    | 28   | 11   | 24   | 10              |

## **Key research areas for next five years (2019-24)**

### **Faculty- Science & Technology**

#### **• Water and Environment**

1. Environmental monitoring and impact assessment for Khandesh region.
2. Prediction of local, atmospheric and metrological conditions for Khandesh region.
3. Spatial distribution of Nitrate, Fluoride and Uranium levels in groundwater and water bodies: A case study of Khandesh region

#### **• Sustainable Agriculture**

4. Plant tissue culture (PTC) for local plants of the region
5. Automation in crop disease identification for local farmers
6. Development of Food Products from Banana Tree and Waste.
7. Promotion to cultivate Natural/Local varieties of grains and pulses
8. Scientific storage and preservation of Agricultural Produce

#### **• Innovative Technology**

9. Bio-based Polymers: Self-healing and anti-corrosive coatings
10. Biometabolites
11. Fabrication of Solar Cell Efficiency
12. Green Chemistry

### **Faculty- Commerce & Management**

#### **• Management and Marketing for Khandesh Region**

1. Agro Product Marketing and Management
2. Logistics, Supply Chain Management and E-Commerce
3. Financial Management
4. Investment Management
5. Co-operative Banking
6. NGO Management
7. MSME entrepreneurship

### **Faculty- Humanities**

#### **• Studies in Culture, History and Economics of North Maharashtra**

1. Natural language processing for local languages of North Maharashtra Region
2. Study of scripts, preservation of local dialects and expressive measures for its recognition.
3. Study of literature available in local dialects like Ahirani, Tribal languages and Leva boli
4. Media and its socio-cultural-political effect in North Maharashtra region
5. Analytical study of economical imbalance amongst Urban, Rural and Tribal areas of Jalgaon, Dhule and Nandurbar
6. Study of health and hygiene of tribal adolescent girls and implementation of measures to exterminate the fallacies

### **Faculty- Interdisciplinary Studies**

#### **• Education and Development of Tribal**

1. Preservation of tribal resources and their utilization in education.
2. Development of emotional intelligence for stress free life of tribal students.
3. Sustainable development to empower tribal/rural region of Khandesh

### 3. Rationale and background data

- Satisfaction level for available seats in the faculty of Science & Technology is considerably low in Jalgaon and Dhule districts, while the intake available in Nandurbar district for the faculty of Arts & Humanities and Science & Technology is not adequate. Considering these facts, more courses in Arts & Humanities and Science & Technology faculties are required in the jurisdiction of the university. *(See Annexure I)*
- Average as well as female GER in the Khandesh region is less than the state average. Specifically, in Nandurbar region GER is significantly low. There is substantial need for new colleges in tribal and rural regions. *(See Annexure II)*
- About 45% colleges are NAAC accredited and majority of them are aided colleges. *(See Annexure III)*
- Nandurbar district is having major population under below poverty level, hence large number of people are working in unorganised sectors, and also per capita income is less compared to other districts in the jurisdiction of university. *(See Annexure IV)*
- In major industries, the region has moderate skill in chemical processing, food processing and oil & fat extraction industries. The major skills required are machine operators, textile workers, metal artefacts and products, mouldings, tool making, spare assembling, rewinding and maintenance of machineries. *(see Annexure V)*
- In Micro Small Medium Enterprises (MSME), the region has good skill in chemical processing, food processing, electronics fabrication & soldering and supply chain management. The required skills include carpentry, small machine operations, mill operations, plastic mouldings, etc. *(see Annexure VI)*
- Major agriculture productions are banana, cotton and pulses, but no significant industries are available in the region. *(see Annexure VII)*
- No industry in the field of craft, local products are available, and the closure of handloom units is the fact. *(see Annexure VIII)*
- Major agriculture products are banana, cotton and pulses. Also, there are ample tourist spots available, there are no significant minerals except sand and low lime soil. Hence there is scope for banana and cotton products, their waste for meaningful utilisation to develop useful local products and also scope for Tourism & Hospitality industry development in the region. *(see Annexure IX)*
- Lack of Art related industries, so not much scope for Art related courses in Khandesh. *(See Annexure X)*
- Feedback of 10 stakeholders has been taken into account while preparing the Perspective Plan. The students feedback emphasises on more requirement of skill-based courses, need of hostels and competitive examination guidance. The teachers feedback stresses on new colleges and technical courses in the rural and tribal areas, women's colleges, R & D facilities, etc. Parents request is to start more technical and job-oriented courses and inclusion of ethics & values in curriculum. The expectation of non-teaching staff is training, industrial visits and workshops for students. The feedback from other stakeholders like Senate Members, Vice-Chancellors, Pro Vice-Chancellors, Registrars, Industrialists etc. is also well-thought-out. *(See Annexure XI)*

## 4. Proposed action plan

### Year 1

New 15 Arts, Commerce, Science & Management colleges, 01 Women's college, 01 Night college, 03 Social Work colleges, 03 Arts and Fine Art colleges, 07 Skill Development colleges, 01 Law College, 01 Nursing college and 40 additional divisions. University has planned to establish 01 conducted college at Molagi (Nandurbar). Furthermore, the establishment of 01 Model college at Tokartalao (Nandurbar) under RUSA, Government of Maharashtra, is envisioned.

### Year 2

New 14 Arts, Commerce, Science & Management colleges, 01 Women's colleges, 01 Night college, 01 Social Work colleges, 02 Arts and Fine Art colleges, 07 Skill Development colleges and 40 additional divisions.

### Year 3

New 15 Arts, Commerce, Science & Management colleges, 01 Women's colleges, 01 Night college, 02 Social Work colleges, 01 Arts and Fine Art colleges, 06 Skill Development colleges and 41 additional divisions.

### Year 4

New 15 Arts, Commerce, Science & Management colleges, 01 Women's colleges, 01 Night college, 01 Social Work college, 01 Arts and Fine Art colleges, 06 Skill Development colleges and 41 additional divisions.

### Year 5

New 15 Arts, Commerce, Science & Management colleges, 01 Women's colleges, 01 Social Work college, 01 Arts and Fine Art colleges, 06 Skill Development colleges, 01 Nursing college, 01 Law college and 41 additional divisions.

- ❖ Every year 03 new conventional courses will be started in the faculties of Science & Technology, Commerce & Management, Humanities and Interdisciplinary Studies.
- ❖ Every year 05 new skill-based B.Voc. Courses and 02 new Certificate Courses will be started at different affiliated colleges.
- ❖ Each UG and PG courses will have at least 10 % skill components in their curriculum.
- ❖ Every year 25 colleges would be NAAC accredited and attempts will be made to achieve 'A' grade for minimum 5 colleges.
- ❖ The university teachers are oriented to increase quality research papers by publishing minimum 10 % more papers each year.
- ❖ Every year university would file at least 2 patents.
- ❖ University buildings will be furnished with water harvesting to recharge the ground water in its sump well, bore well and wells to have self-sufficiency in water requirement by 2020.
- ❖ The university will have its Incubation Centre by 2019-20 and Science Park would be established by 2024.
- ❖ Construction of hostels under Dr. Punjabrao Deshmukh Hostels Scheme for Economically backward students.
  - a. The hostels of 150 each for boys and girls will be constructed at university campus to meet the accommodation need of economically backward students.
  - b. Similarly, hostels of 150 each for boys and girls will be constructed at tribal academy centre of university located at Nandurbar, which will help to cater the needs of tribal and economically backward students from Nandurbar and Dhule districts.



## 5. Strategies and modes of implementation

### 5.1 New locations

District wise new colleges and additional divisions are shown in *Annexure 12*. This includes 73 Arts, Commerce, Science & Management colleges, 05 Women's colleges, 04 Night colleges, 03 Social Work colleges, 08 Arts and Fine Art colleges, 32 Skill Development colleges, 01 Nursing College and 01 Law College.

### 5.2 Equity

**Equal Opportunity Cells:** Currently, **01** university department and **53** colleges have equal opportunity cells. It is proposed to add **02** equal opportunity cells in university departments and **124** in affiliated colleges.

**Facilities for physically challenged students:** Currently **00** departments and **00** colleges have full facilities. **21** departments and **159** colleges have partial facilities such as ramps, lift etc. By 2024, it is proposed to consolidate the facilities in these departments/colleges, and have additional **21** departments and **215** colleges equipped with relevant facilities.

**Schemes for special needs of tribal and disadvantaged groups:** Currently the schemes are, (1) Admission on zero fee basis (Nil balance), (2) Cash Prize, (3) Poor student aid, (4) Earn and Learn scheme, (5) Concessional passes for city bus., (6) Health insurance scheme., (7) Book Bank Scheme., (8) Centre for counselling and mentoring for tribal students (UGC sponsored) , (9) Siddharth and Adivasi Chattra Mandal., (10) Competitive examination and career guidance, (11) Free Books, (12) Free Hostel, (13) Free uniform, (14) Dattak Yojana, (15) Special coaching classes arranged for special tribal and disadvantaged groups., (16) SSSS (Shram Sadhana Scholarship Scheme), (17) Exam Fees from college fund for poor and needy students. By 2024, the university will add the following schemes (1) Mentorship programme to increase employability (2) Concessional Lunch for needy students (3) Home town travelling allowance concession.

**Students benefitting from scholarships/schemes for economically and socially challenged students:** Currently **5,000** students are benefitting from scholarships/schemes for economically and socially challenged students. It is proposed to increase beneficiaries up to **1,50,000** by 2024.

**Schemes for special needs of transgender:** Currently no schemes at present. By 2024, the university will add schemes such as, (1) Free admission (2) Free Books (3) Mentorship programme for integration.

### 5.3 New courses

Total **15** new conventional courses are proposed, along with **25** new skill-based B.Voc. courses, and **10** new skill-based Certificate courses. (*See Annexure 13*)

### 5.4 Modification/revision of the existing courses to make them orient to the objectives

All UG courses will have at least one skill component, which will be incorporated with CBCS by 2024, and all PG courses will have at least one skill component, thus skill-based courses will be aligned to the needs of local region.



Appropriate skills will be introduced through private skill providers. University departments and selected affiliated colleges will get recognition as Vocational Training Institutes (VTI) under Skill Ministry of Government of Maharashtra.

### **5.5 Implementation of Choice Based Credit System (CBCS)**

The CBCS has been successfully implemented for PG courses in the university campus since 2013. Now, CBCS pattern as per UGC norms has been implemented at UG courses (Arts, Commerce and Science) from 2018-19.

The courses under CBCS will be identified as per the local job market needs, and skill requirement as per the natural resources, cultivation, preservation and processing for by-products.

The step by step implementation for UG graduate courses is decided and accordingly the BOS are directed. Also, the remaining UG/PG programs would be having CBCS pattern in next 3 years, when the first batch of UG under CBCS pattern will be passed out.

### **5.6 Train the trainers**

University has signed MoU of Capacity Building Transnational Co-operation Project, Erasmus + CABCIN. The Objective of the programme is “Establishment of Capacity Buildings Centres as a sustainable solution to raise the standards of teaching staff in Indian HEI’s (CABCIN). It includes cooperation between HEIs and increasing internationalization. This Project gives a chance to build strong relations with European program to strengthen the capacity and quality of teaching at partner HEIs in India by the establishment of educational centres.

The foreign universities under this project are Wroclaw University of Science & Technology, Poland; Technical University of Košice, Slovakia; Universidade Nova de Lisboa, Portugal; Gent University, Belgium and Frederick University, Cyprus. And the Indian universities are Parul University, Vadodara; Amity University, Haryana; RK University, Rajkot; SAL Institute of Technology & Engineering Research, Ahmedabad and KBC North Maharashtra University, Jalgaon. (the only State Govt. University Participated for Program).

To date 6 workshops were organised under CABCIN for identified teachers from, university campus as trainers, and two workshops for 30 teachers has been conducted by these trained trainers and the program will be continued now.

In future, this activity will train more teachers from university and affiliated colleges and hence definitely it will achieve the objective of being skilled manpower for the region.

The university has a plan to establish Capacity Building Centre for teachers’ training and the process had been initiated.

### **5.7 Developing appropriate R&D culture**

R&D areas identified for the period 2019-2024 are Agro-based Technologies, Industry based custom problem solving, Sustainable Energy related research, Environmental Impact assessment, Polymer Research, and Study and preservation of local and tribal dialects.

University wants to focus on use and applications of the locally available resource in the Khandesh region. Khandesh is known to produce almost 25 % of the banana of India and has much of the banana waste is available for disposal. Hence, banana agro-waste can be used for value addition in appropriate ways, which has potential to generate meaningful products and resources, and to generate employments as well. Environmental impact assessment has become the need of the time and has been the essential part of the companies to run and hence, is a

good area of research and even to fetch revenue for the university. The identified research areas are based on the requirements of the local industry and also on utilization local resources.

University has already initiated dialogue with a group of industrialists and held a few meetings with them. Some of the problems from industries have already been put forth to the university and solution would be carved out for it. The university has already established University Entrepreneurship Cell for effective research and meaningful outcome. The actions will be carried for developing appropriate R&D culture through incentivising faculty, profile sharing sensitisation, students' motivation/interest and small fellowships for students as incentive.

## 5.8 Strengthening linkages with industries

**Current linkages with university are as follows:**

**School of Life Sciences:** Currently engaged with the industries namely Prathishta Bio-tech, Hyderabad; Papein Purification, United Starch & Allied Ltd., Dondaicha; Microdextrin Production, Prathishta Biotech, Hyderabad; Biofertilizer for local farmers, Sandoz Ltd., Mahad, New Mumbai; Biotransformation of anti-biotics; Biopesticide processing & formulation for product/technology development/transfer; Jain Irrigations Systems Ltd. UPL Ltd., Gareware Polyesters Ltd. for consultancy. Number of faculty and students engaged in industrial research are 04 and 03 respectively. By 2024, the Department will develop partnership with industries pertaining to Bio-pesticides; Bio-Fertilizers, Pro-Biotic, Bio-degradable polymer, Milk products, etc. (for product/technology development/transfer) and Meat products, Micro-nutrients, Microbial analysis, Pharma industries etc. for consultancy.

**School of Chemical Sciences:** Currently engaged with Power Additives Pvt. Ltd., Stabplast Chemo, Maldip Catalyst Pvt. Ltd., Npack PVC Systems, Success Solutions for consultancy. Number of faculty and students engaged in industrial research are 03 and 04 respectively. By 2024, the Department will develop partnership with industries of Polymer Stabilizers, Polyurethane products, Pesticides, etc. (for product/technology development/transfer) and PVC additives, Coatings, Control release formulations etc. for consultancy.

**Institute of Chemical Technology:** Currently engaged with Godraj Industries Ltd. for consultancy. Number of faculty and students engaged in industrial research are 03 and 02 respectively. By 2024, the Department will develop partnership with industries Chemical engineering, Vegetable Oil, Paints, Plastics, etc. for product/technology development/transfer and Plastic analysis, Surface Morphological analysis, Pharmaceuticals, etc. for consultancy.

**School of Physical Sciences:** Currently the number of faculty and students engaged in industrial research are 02 each. By 2024, the Department will develop partnership with industries Solar energy harvesting, LED industries, Sensors, etc. for product/technology development/transfer and Analysis of Nano particles. Digital Electronics, etc. for consultancy.

**School of Environmental Sciences:** Currently engaged with M/s Datta Agro for consultancy with involvement of faculty (03) and students (02). By 2024, the Department will develop partnership with industries of Waste Management technology for product/technology development/transfer and Environmental Impact assessment, Noise Analysis, Analysis of water, etc. for consultancy.

**Affiliated Colleges:** Currently the affiliated colleges have no industry connect. The university will motivate and support the professional, science and commerce colleges to establish collaborations with industries, so that by 2024, at least 05 colleges will have linkages with industries for consultancy and services.

## Details of the Patents/IPRs

**School of Life Sciences:** The school is having currently 07 patents granted, and 14 patents are published. By 2024, it is envisaged that, 04 patents will be granted from 06 published patents.

**School of Chemical Sciences:** The School of Chemical Sciences is having currently 01 granted patent, and 05 are published. By 2024, it is envisaged that, 02 patents will be granted out of 03 published patents.

**Institute of Chemical Technology:** The UICT, has currently 05 granted patents, and 17 patents are published. By 2024, it is envisaged that, 02 patents will be granted from published 05 patents.

**School of Physical Sciences:** The School of Physical Sciences has 03 published patents. By 2024, it is envisaged that, 01 patents will be granted from published 03 patents.

**School of Environmental Sciences:** There is no patent so far. By 2024, it is envisaged that 01 patent will be granted, and 02 patents will be published.

## 5.9 Engagement with regional economic development and aspirations

### 5.9.1 Engagement with local bodies and governmental schemes

**School of Environmental Sciences:** Currently engaged with (1) Total Sanitary Campaign: Evaluation of villages from Jalgaon, Dhule, Nandurbar and Nashik for 'Nirmal Gram Puraskar, (2) Rajiv Gandhi Drinking Water Mission: Training to Officials, Anganwadi Sevika, and Primary Teachers from Village Panchayats, (3) Social Impact Assessment of Lower Tapi Dam, Padalsare, Amalner, (4) Social Impact Assessment of Akkalpada Dam, Dhule, (5) Social Impact Assessment of Mangarul Dam with 05 faculty and 35 students working on these schemes. During 2019-2024, the department will add the following schemes, (1) Environmental assessment (2) Green solutions, (3) Green Audit etc. with enhanced participation of faculty 07 and students 90.

**School of Chemical Sciences:** Currently engaged with Krishi Vidnyan Yatra at tribal areas with 05 faculty and 75 students working on these schemes. During 2019-2024, the department will add the following schemes, (1) Environmental assessment (2) Green solutions (3) Safer pesticides and applications, etc. with enhanced participation of faculty 05 and students 75.

**Affiliated colleges:** Currently there are no engagements with Local Bodies, Government Schemes etc. During 2019-2024, the affiliated colleges will be sensitized and motivated to participate in the following schemes, (1) Jalyukt Shivar works, (2) RWS schemes, (3) Unnat Bharat Abhiyan, (4) Unnat Maharashtra Abhiyan, (5) Swatch Bharat, (6) GPDP preparation etc. with enhanced participation of 100 faculty and 7,500 students.

### 5.9.2 Engagement through R&D investment, MSMEs, SHGs etc.

**University Departments:** Currently there are no engagements through R&D investments, support in terms of technical/knowledge/business solutions with local community, MSMEs, SHGs etc. The engagements envisaged during 2019-2024 will be Skill based courses B.Voc. with engagement of (1) MSMEs, (2) Tourism and Hospitality, (3) Natural Medicinal Resources Cultivation & Preservation and (4) Motivation for Start-ups in Incubation centre with participation of 25 faculty and 100 students.

**Affiliated colleges:** Currently there are no engagements through R&D investments etc. The engagements during 2019-2024 will be Skill based courses B.Voc. with engagement of (1)



MSMEs, (2) Tourism and Hospitality, (3) Natural Medicinal Resources Cultivation & Preservation (4) Knowledge input to Self-Help Groups (5) Techniques and Management of solid waste in the city/village, (6) enhancing tourism etc. with participation of 50 faculty and 1500 students.

### **5.10 Development of skills and entrepreneurship**

**Skill/Entrepreneurship courses:** University will add 35 new skill/entrepreneurship courses (see Annexure 13). Currently offered courses numbering 31 in skill/entrepreneurship are given in Annexure 14. Thus, the university will have total of 66 skill/entrepreneurship courses by 2024. The newly proposed skill courses are expected to cater to the local needs of the region.

**Details of mandatory internships/in-plant trainings:** Currently all professional UG/PG courses have mandatory internships. It is proposed to include mandatory internship of 1 month in all 55 PG Courses (Humanities/Science/Interdisciplinary) in the University departments and affiliated colleges. It is also proposed to include mandatory internship/field work (2-4 weeks) in B.A./B.Com./B.Sc. courses in the affiliated colleges.

**Details of Centres for Technology Dissemination and Incubation/Innovation Centres:** Currently no such centres exist in the university and affiliated colleges. University has started incubation centre informally on the campus. A proposal for formalization of this centre is submitted to Government of Maharashtra. In order, to promote tribal products, an incubation centre is proposed at the Tribal Academy, Nandurbar (Sub-Centre of University). University will encourage, and support 05 NAAC accredited 'A+' grade colleges to establish Incubation/Innovation Centres.

**Placement Cells:** There are 31 active Placement Cells, out of which 01 is Central Training & Placement Cell (CTPC) of the university and 30 from affiliated colleges. There are 2500 student beneficiaries of placement cell in coordination with CTPC and 510 are actually placed. By 2024, 90 Placement cells will be active with the efforts of CTPC of the university, which will result in increase of student beneficiaries up to 1,00,000 and expected actual placements are 20,000.

### **5.11 Making the university a cultural power house in the region**

The University has been striving to be a cultural centre in Khandesh region. In the area of fine/performing art, the university conducts 8 courses of which 4 courses each are on the campus and affiliated colleges (see Annexure 15A). For the period 2019-2024, the university has proposed 08 colleges of fine arts.

Currently the university has 02 cultural centres, Knowledge Resource Centre for digitization of old manuscripts on the campus and Pratap Philosophy Centre at Amalner. It is proposed to establish 04 new centres, namely, (1) Bhaskaracharya Ganit Nagari, Patanadevi, Chalisgaon (2) Tribal Museum and Research Centre, Tribal Academy, Nandurbar (3) Bahinabai study and Research Centre, University Campus (4) Diagnostic Natural Medicines Centre by tribal, Nandurbar. The details are given in Annexure 15B.

The university plans to establish a Kala Academy to promote the cultural, liberal, fine and performing art activities. The university will have MoU with Rajwade Foundation, Dhule; Kalamaharshi Keki Moos Art Gallery, Chalisgaon for establishment of 'Kala Dalan'. Arts Circles will be established for appreciation and study of culture, history and art forms. A Literary Forum of University is proposed for interaction of eminent local persons in the field of literature and art.

## 5.12 Focus on student welfare

The university and affiliated colleges have total 31 Career Counselling and Guidance Cells. By 2024, it envisaged that 55 NAAC A & B grade colleges would be encouraged for establishment of active Career Counselling and Guidance Cells. Hence, there will be enhancement in number of student beneficiaries from 7,000 to 15,000.

Total 104 colleges have courses on Life Skills and Value Education like Non-violence, Effective Communication, Interview Techniques, GST, Awareness of Moral and Ethical Values, Yoga & Meditation, Health & Hygiene, Human Rights Education etc. and 5990 students are benefitted. By 2024, it is envisaged that, 425 such Life Skills and Value Education courses will be designed and sensitised among colleges to promote these courses for overall development of 14,000 students.

There are 28 Centres for training in Competitive Examination including 01 at the University, total student beneficiaries are 4,269. By 2024, it has been envisaged that, 107 such centres would be established at all the NAAC accredited and Professional Colleges to increase student beneficiaries to 10,385.

University is having Quick Heal Foundation's 'Earn & Learn Scheme' and an affiliated college is with their own such scheme, hence 02 schemes are present currently from which total 1,479 students are benefitted. By 2024, it is envisaged to frame 05 new conceptual Earn & Learn Schemes with financial support under CSR of the companies and 2,500 beneficiaries.

## 5.13 Achieving excellence in sports

The students of the university and affiliated colleges have excelled in games/sports such as Chess, Malkhamb, Taeakwondo, Weight Lifting and Floorball in inter-university games at state and national levels. Specific achievements include **Gold Medals** in Malkhamb (Men) Team event (2016) and Weight Lifting (M) (2018), **Silver medal** in Weight Lifting (M) (2017) and **Bronze medals** in Chess (Men) Team Event (2015), Malkhamb (Men) Team event (2015 & 2018), Taeakwondo (M) (2016), Weight Lifting (M) (2016 & 2017), Malkhamb (Men) Team event and Floorball (Men) Team event (2018).

The university is in process of MoU with Elite Universal Sports Alliance India Private Limited (EUSAI), Pune.

## 5.14 Development of key research areas which bring national/international visibility

Key research areas have been identified based on the needs to the region under the jurisdiction of the university and taking into account the growth potential of the areas in the next five years. The areas identified are Water and Environment, Sustainable Agriculture, Innovative Technology, Management and Marketing for Khandesh region, Studies in Culture, History and Economics of North Maharashtra, and Education and Development of Tribal. These areas will be developed with integrated R&D across all departments of the university. It is also proposed to involve faculty members of the affiliated colleges in research, centred around these areas.



## **5.15 Strengthening linkages with international/national/state level institutes/agencies**

### **5.15.1: International Universities/Institutes University**

The University has active Linkages with the followings pertains to teaching, research and faculty & students exchange.

- Thibault of University of California, Santa Barbara, USA
- Bio Informatics Centre, Institute of Chemical Research, Kyoto University, Uji Campus, Kyoto, Japan
- Engineering & Physical Sciences Research Council, St. Andrews, Ireland.
- Wroclaw University of Technology, Wroclaw, Poland
- Bourns College of Engineering, University of California
- Centro de Ensenada Technical Superior (CETYS University)

### **5.15.2: National Universities/Institutes**

The University has active National Linkages with the followings institutes.

- CSIR-National Environmental Engineering Research Institute, Nagpur
- Jain Irrigation System Ltd., Jalgaon
- Institute of Chemical Technology (ICT), Mumbai
- Rajiv Gandhi Science & Technology Commission (RGSTC), Mumbai
- Visvesvaraya National Institute of Technology, (VNIT), Nagpur
- Heubach Color Pvt. Ltd., Mumbai
- Nirmal Seeds Pvt. Ltd., Pachora
- Elite Football League India Pvt. Ltd., Pune

### **5.15.3 RUSA**

The University has received grants Rs. 15 crores for infrastructural development like construction of hostels, toilet blocks, ICT and Wi-Fi infrastructure, renovation of laboratories, sports infrastructure and one innovative research projects. The university has submitted the IDP proposal to RUSA, Mumbai for future overall development.

### **5.15.4 TEQIP**

The University Institute of Chemical Technology has received Rs. 17 crores in two phases for Research and Development, Faculty development, Infrastructure, ICT resources, Books and Journals and Fellowships etc. The TEQIP will be continued further to strengthen the basic research facilities at the university.

### **5.15.5 RGSTC**

Establishment of CILLAGE program of RGSTC, Mumbai is initiated to uplift the tribal people, which will help to improve GER in Nandurbar region.

### **5.15.6 UGC/AICTE**

Major and minor research projects by individual faculty and collaborative projects with National universities/institutes and R & D centres.

### **5.15.7 DST/DBT/.....**

Major and minor research projects by individual faculty and collaborative projects with National universities/institutes and R & D centres.

## **5.16 Reforms in academic administration**

### **5.16.1 e-governance**

Most of the administrative procedures are computerised and executed in online manner, university is under development of implementation of 100% e-governance in administration.

### **5.16.2 Linkages of various departments. BOS, Academic Council and Affiliated colleges**

The university is having linkages with various academic authorities as well as sections of the university as per MU Act 1994, and in process of reformation in linkages as per Maharashtra Public Universities Act 2016.

### **5.16.3 Digital Initiatives: Use of Swayam, NDL etc**

The SWAYAM coordinators at college level are nominated, and the process of registration in NDL is initiated. Other digital initiatives will be implemented as per the plan decided at university.

### **5.16.4 Uploading awards in NAD, CDSL, NSDL**

To date 3,07,357 Degree Certificates from 1994 are uploaded. The schedule for NAD registrations of students is prepared and will be executed in the month of September 2018.

### **5.16.5 Academic audit**

The second cycle of Academic Audit is scheduled this year for the affiliated colleges. Also, University Schools will be audited this year as per the schedule (Committees are already constituted for this purpose).

### **5.16.6 Sub-Centres and Autonomy to departments and colleges**

University has three sub-centres; Ekalavya Training Centre at Nandurbar, Gandhi Philosophy Centre at Dhule and Pratap Philosophy Centre at Amalner. These sub-centres are proposed to be developed as full-fledged sub-centres by establishing vocational courses.

University PG departments and UICT have been given academic flexibility. It is proposed to grant autonomy to all NAAC A grade colleges by 2024. Also, the NAAC A+ grade colleges will be encouraged to establish satellite centres as per the need analysis.

### **5.16.7 Keeping track of students going for higher studies**

University will keep track of online portal for students going for higher studies.

### **5.16.8 Keeping track of Alumni and strengthening Alumni Association**

The university portal will have sub portal for Central Alumni Association of the university.

### **5.16.9 Exam Reforms**

- 95% Recommendations of Rajesh Agrawal Committee are implemented.
- Onscreen evaluation of more than 5 Lakh answer book.

### **5.16.10 Smart Campus: Saving water/energy, generating energy, managing waste**

University is having internet facility, solar panels and LED lamps for hostels, departments and in campus. RO clean water plant is installed at Campus. The roof top solar power system will be established at all school's step by step in the university campus, with the support of M/s Jain Irrigations Systems Ltd., Jalgaon on BOT basis. In this scheme, after establishment of such unit at schools one by one, the concessional electrical bill be paid to the collaborating industry for 5 years and then system will be handed over to university.

### **5.16.11 Reforms in financial management**

The 100% payments would be made through online payment gateway, and a strategy will be developed for 100% receipts through online mode.

## 6. Deliverables

### Deliverables based on objectives from section 2

#### 2.1 Improvement in GER in a given region

- ✓ Every year, about 15 new colleges will be started and averagely 40 additional divisions will be recommended.
- ✓ Overall GER is predicted to be increased from 18.40 to 23.00.
- ✓ Specifically, the GER of tribal women is also predicted to be increased by 5 points.

#### 2.2 Improvement in inclusivity and equity

- ✓ Facilities for physically challenged students in all affiliated colleges will be increased.
- ✓ Total 20 schemes for special needs of tribal and disadvantage group will be initiated.
- ✓ There will be increase number of student beneficiaries upto 15,000 by introducing new schemes.
- ✓ 05 New Colleges for Women will be started.
- ✓ 126 Equal opportunity cells in the jurisdiction will be established.

#### 2.3 Improving quality and delivery of education

- ✓ 100% NAAC accreditation of all eligible colleges will be attempted.
- ✓ 50 Colleges with 'A' grade by 2024 is the goal of university.
- ✓ Completion of second cycle of academic audit of 215+ affiliated colleges is also another goal of university.
- ✓ 03 Sub-campus will be established.
- ✓ Autonomy will be granted to 05 colleges and remaining university departments.
- ✓ 03 Satellite centres of affiliated colleges will be started.

#### 2.4 Developing R&D partnership with industry

- ✓ Partnership of University and Colleges with 72 industries will be attempted, which results in the engagement of 24 faculty members and 50 students.
- ✓ Revenue generation Rs. 25 lakhs through analytical services, consultancy and industrial collaborations will be envisaged.
- ✓ 20% Increase in job opportunities for students is the objective of the university.
- ✓ 10 Graduated incubate will be granted.
- ✓ 36 Patents/copyrights will be filed.

#### 2.5 Engagement with regional economic development and aspirations

- ✓ Participation of 100 % UG and PG student through compulsory internships/field work in regional economic development will be goal of the university.
- ✓ 100 Teachers from Colleges with various Government Social Programs will be engaged.
- ✓ 1,600 Students participation with 75 faculty members in terms of technical/knowledge/services to local communities/MSMEs/SHGs.

#### 2.6 Development of skills and entrepreneurship

- ✓ 25 Skill based B.Voc. courses including entrepreneurship courses and 10 skill certificate courses will be added.
- ✓ At least one skill component for UG and PG programs under CBCS will be made compulsory.
- ✓ Development of Start-up culture and 10 entrepreneurs will be achieved.
- ✓ 1,00,000 student beneficiaries of Central Training Placement Cell in association with College Placement cells is the goal.
- ✓ 100 % mandatory internship program for UG and PG students.

## **2.7 Making the university a cultural powerhouse in a region**

- ✓ Bahinabai study and Research Centre will be established.
- ✓ Tribal Museum and Research Centre will be established.
- ✓ Bhaskaracharya Ganit Nagari will be established.
- ✓ Diagnostic Natural Medicines Centre by tribal will be established.
- ✓ MoUs with Kalamaharshi Keki Moos Art Gallery, Rajwade Foundation will be signed for preservation, appreciation of documents.

## **2.8 Focus on student welfare**

- ✓ 50 Career counselling and guiding centres will be added.
- ✓ 100 Competitive Examination Centres will be added.
- ✓ Increment in life skills and value education courses to 425.
- ✓ New 05 schemes under 'Earn and Learn' will be initiated.

## **2.9 Achieving excellence in sports**

- ✓ Student's participation in Sports at National/International events will be increased.

## **2.10 Academic leadership in national and global contexts**

- ✓ NIRF ranking in the band of 50-100 will be achieved.
- ✓ Preparation for ranking at Asia and World level, the university will be prepared for participation.



## 7. Suggestions to help implement the plan

| Issues/Problems  | Suggestions  |
|--|--|
| Low GER ratio in backward hilly areas. Lack of technical and professional colleges at Nandurbar districts. | The State Government shall start granted professional and technical colleges in such regions. Because in this region, most of families are under Below Poverty Line.   |
| NAAC & NBA accreditation colleges have low numbers.  | The State Government shall made special efforts for filling-up of vacant and adequate new teaching posts to improve student-teacher ratio. Government shall make compulsion to all colleges for accreditation process. |
| Low numbers of placement cell  | Course wise ONLINE Employability skill test should be conducted by MHRD, to aware the students about skills and employment.  |
| Low number of liberal, fine and performing arts, courses.  | New proposal covers the courses to be started at various locations in the jurisdiction.  |
| Low Achieving Excellence in sports at National and International level                                     | The State Government shall give special financial support and facilities for colleges in rural and tribal areas and sports facilities.   |
| Low number of patents /IPRs  | The State Government and university shall give financial assistance to faculties for research patent filling and fellowships for research students.  |
| Low number of Academic Leadership in national and global ranking.  | The State Government and university shall facilitate for getting higher ranking and provide international linkages for enhancing corporate culture in higher education.  |
| Low number of research labs and incubation centres at college level.                                       | The State Government shall give special assistance for research laboratories and incubation centres at colleges.   |

## 8. Approvals

The perspective plan of five years of Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon has been prepared by the Board of Deans and the Committee constituted by Hon'ble Vice-Chancellor, and is approved by Hon'ble Vice-Chancellor on behalf of Board of Deans, Academic Council, Senate and Management Council of the University, to submit it to the Director, Higher Education and Government of Maharashtra.

Date: 05/09/2018

(Prof. P. P. Mahulikar)  
Pro-Vice Chancellor  
Kavayitri Bahinabai Chaudhari  
North Maharashtra University, Jalgaon

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# Annexure 1

## Enrolment of students in university/colleges after passing 12<sup>th</sup> standard (Taluka level statistics)

| JALGAON<br>Taluka     | 12th Pass out Students |             |             |                      |              |             |                     |            |              |                        |             |             | Grand Total<br>(A+B+C+D) |              |             | FY Humanities |              |             |             | FY Com & Mgmt |             |            |              | FY Sci & Tech |   |   |   | FY Interdisciplinary |   | Students not<br>admitted in the<br>University (T1 -<br>T2) |
|-----------------------|------------------------|-------------|-------------|----------------------|--------------|-------------|---------------------|------------|--------------|------------------------|-------------|-------------|--------------------------|--------------|-------------|---------------|--------------|-------------|-------------|---------------|-------------|------------|--------------|---------------|---|---|---|----------------------|---|--|
|                       | 12th Arts (A)          |             |             | 12th Commerce<br>(B) |              |             | 12th Science<br>(C) |            |              | 12th Vocational<br>(D) |             |             | Intake                   | Admitted (E) |             | Intake        | Admitted (F) |             | Intake      | Admitted (G)  |             | Intake     | Admitted (H) |               | Grand total<br>Students<br>Admitted in the<br>(E+F+G+H) |   |   |                      |   |  |
|                       | M                      | F           | M           | F                    | M            | F           | M                   | F          | M            | F                      | M           | F           |                          | M            | F           |               | M            | F           |             | M             | F           |            | M            | F             |   | M | F | M                    | F |  |
|                       |                        |             |             |                      |              |             |                     |            |              |                        |             |             |                          |              |             |               |              |             |             |               |             |            |              |               |   |   |   |                      |   |  |
| Amalner               | 1125                   | 883         | 79          | 158                  | 1061         | 541         | 67                  | 1          | 3915         | 1124                   | 429         | 672         | 429                      | 540          | 161         | 197           | 197          | 504         | 264         | 238           | 100         | 34         | 54           | 2049          | 1866  |   |   |                      |   |  |
| Bhadgaon              | 1029                   | 719         | 0           | 0                    | 541          | 390         | 75                  | 17         | 2771         | 340                    | 127         | 137         | 127                      | 100          | 55          | 19            | 19           | 144         | 57          | 86            | 0           | 0          | 0            | 481           | 2290  |   |   |                      |   |  |
| Bhusawal              | 745                    | 563         | 363         | 475                  | 1211         | 831         | 206                 | 42         | 4436         | 1320                   | 299         | 483         | 299                      | 1308         | 243         | 352           | 352          | 886         | 281         | 370           | 50          | 5          | 45           | 2078          | 2358  |   |   |                      |   |  |
| Bodwad                | 179                    | 213         | 99          | 100                  | 123          | 99          | 0                   | 0          | 813          | 243                    | 131         | 110         | 131                      | 220          | 86          | 76            | 76           | 120         | 51          | 59            | 0           | 0          | 0            | 513           | 300   |   |   |                      |   |  |
| Chalisgaon            | 1464                   | 1000        | 116         | 132                  | 999          | 591         | 101                 | 12         | 4415         | 1161                   | 400         | 592         | 400                      | 440          | 143         | 207           | 207          | 644         | 264         | 330           | 150         | 6          | 11           | 1953          | 2462  |   |   |                      |   |  |
| Chopada               | 974                    | 798         | 185         | 171                  | 933          | 489         | 203                 | 66         | 3819         | 972                    | 292         | 559         | 292                      | 420          | 205         | 146           | 146          | 452         | 226         | 212           | 50          | 19         | 31           | 1690          | 2129  |   |   |                      |   |  |
| Dharangaon            | 589                    | 409         | 57          | 28                   | 471          | 228         | 135                 | 38         | 1955         | 400                    | 179         | 125         | 125                      | 100          | 42          | 47            | 47           | 121         | 33          | 88            | 0           | 0          | 0            | 514           | 1441  |   |   |                      |   |  |
| Erandol               | 327                    | 322         | 80          | 86                   | 391          | 230         | 64                  | 9          | 1509         | 480                    | 219         | 145         | 145                      | 120          | 39          | 64            | 64           | 220         | 72          | 113           | 0           | 0          | 0            | 652           | 857   |   |   |                      |   |  |
| Jalgaon               | 636                    | 458         | 51          | 30                   | 109          | 20          | 76                  | 52         | 1432         | 2556                   | 925         | 1407        | 925                      | 2310         | 1123        | 935           | 935          | 4092        | 1736        | 1096          | 680         | 95         | 0            | 7317          | -5885   |   |   |                      |   |  |
| Jalgaon Corp.<br>Area | 1311                   | 982         | 984         | 864                  | 2133         | 1247        | 192                 | 86         | 7799         | 0                      | 0           | 0           | 0                        | 0            | 0           | 0             | 0            | 0           | 0           | 0             | 0           | 0          | 0            | 0             | 7799  |   |   |                      |   |  |
| Jamner                | 483                    | 604         | 317         | 360                  | 718          | 431         | 111                 | 37         | 3061         | 925                    | 273         | 449         | 273                      | 677          | 264         | 242           | 242          | 352         | 149         | 201           | 50          | 0          | 0            | 1578          | 1483  |   |   |                      |   |  |
| Muktai Nagar          | 502                    | 444         | 121         | 110                  | 258          | 254         | 63                  | 0          | 1752         | 520                    | 188         | 289         | 188                      | 220          | 104         | 85            | 85           | 320         | 133         | 154           | 0           | 0          | 0            | 953           | 799   |   |   |                      |   |  |
| Pachora               | 838                    | 730         | 101         | 81                   | 877          | 475         | 183                 | 13         | 3298         | 520                    | 255         | 259         | 255                      | 162          | 60          | 79            | 79           | 289         | 86          | 139           | 100         | 12         | 18           | 908           | 2390  |   |   |                      |   |  |
| Parola                | 755                    | 450         | 92          | 53                   | 932          | 483         | 188                 | 66         | 3019         | 940                    | 275         | 402         | 275                      | 120          | 52          | 45            | 45           | 288         | 133         | 156           | 125         | 30         | 23           | 1116          | 1903  |   |   |                      |   |  |
| Raver                 | 834                    | 723         | 148         | 107                  | 839          | 573         | 153                 | 61         | 3438         | 540                    | 139         | 273         | 139                      | 100          | 33          | 57            | 57           | 352         | 123         | 127           | 80          | 0          | 0            | 752           | 2686  |   |   |                      |   |  |
| Yawal                 | 1051                   | 662         | 176         | 135                  | 996          | 600         | 174                 | 52         | 3846         | 1160                   | 227         | 532         | 227                      | 580          | 154         | 110           | 110          | 740         | 296         | 404           | 80          | 0          | 16           | 1739          | 2107  |   |   |                      |   |  |
| <b>Total</b>          | <b>12842</b>           | <b>9960</b> | <b>2969</b> | <b>2890</b>          | <b>12592</b> | <b>7482</b> | <b>1991</b>         | <b>552</b> | <b>51278</b> | <b>13201</b>           | <b>4230</b> | <b>6562</b> | <b>4230</b>              | <b>7417</b>  | <b>2764</b> | <b>2661</b>   | <b>2661</b>  | <b>9524</b> | <b>3904</b> | <b>3773</b>   | <b>1465</b> | <b>201</b> | <b>287</b>   | <b>24382</b>  | <b>26896</b>  |   |   |                      |   |  |

| DHULE               | 12th Pass out Students |             |                         |            |                     |             |                           |            |              |                 | Grand Total<br>(12 pass out)<br>(A+B+C+D) | FY Humanities |                 |             |            | FY Com & Mgmt   |             |             |                 | FY Sci & Tech |  |              |             | FY Interdisciplinary |  |  |  | Grand total<br>Students<br>Admitted in the<br>University (E+F+G+H) | Students not<br>admitted in the<br>University (T1 -<br>T2) |
|---------------------|------------------------|-------------|-------------------------|------------|---------------------|-------------|---------------------------|------------|--------------|-----------------|---|---------------|-----------------|-------------|------------|-----------------|-------------|-------------|-----------------|---------------|--|--------------|-------------|----------------------|--|--|--|--|--|
|                     | 12th Arts (A)          |             | 12th<br>Commerce<br>(B) |            | 12th Science<br>(C) |             | 12th<br>Vocational<br>(D) |            | Intake       | Admitted<br>(E) |   | Intake        | Admitted<br>(F) |             | Intake     | Admitted<br>(G) |             | Intake      | Admitted<br>(H) |               | Grand total<br>Students<br>Admitted in the<br>University (E+F+G+H) |              |             |                      |  |  |  |  |  |
|                     | M                      | F           | M                       | F          | M                   | F           | M                         | F          |              | M               |   |               | F               | M           |            | F               | M           |             | F               | M             |  | F            | M           | F                    |  |  |  |  |  |
| Taluka              | 1186                   | 1029        | 30                      | 10         | 1771                | 1051        | 68                        | 14         | 5159         | 3426            | 1574                                      | 883           | 1558            | 503         | 454        | 2642            | 1497        | 1039        | 680             | 110           | 136  | 1977         | 3182        |                      |  |  |  |  |  |
| Dhule Corp.<br>Area | 449                    | 620         | 333                     | 326        | 2017                | 1247        | 236                       | 131        | 5359         | 0               | 0   | 0             | 0               | 0           | 0          | 0               | 0           | 0           | 0               | 0             | 0  | 4219         | 1140        |                      |  |  |  |  |  |
| Sakri               | 966                    | 800         | 148                     | 167        | 1267                | 1003        | 125                       | 17         | 4493         | 1520            | 604                                       | 286           | 744             | 84          | 89         | 1428            | 408         | 318         | 200             | 0             | 0  | 1789         | 2704        |                      |  |  |  |  |  |
| Shindkheda          | 526                    | 590         | 106                     | 90         | 1176                | 757         | 100                       | 38         | 3383         | 2140            | 499                                       | 392           | 300             | 139         | 92         | 844             | 268         | 229         | 0               | 0             | 0  | 1619         | 1764        |                      |  |  |  |  |  |
| Shirpur             | 770                    | 699         | 113                     | 49         | 1328                | 953         | 0                         | 0          | 3912         | 1240            | 560                                       | 392           | 340             | 298         | 194        | 756             | 715         | 591         | 100             | 42            | 48   | 2840         | 1072        |                      |  |  |  |  |  |
| <b>Total</b>        | <b>3897</b>            | <b>3738</b> | <b>730</b>              | <b>642</b> | <b>7559</b>         | <b>5011</b> | <b>529</b>                | <b>200</b> | <b>22306</b> | <b>8326</b>     | <b>3237</b>                               | <b>1953</b>   | <b>2942</b>     | <b>1024</b> | <b>829</b> | <b>5670</b>     | <b>2888</b> | <b>2177</b> | <b>980</b>      | <b>152</b>    | <b>184</b>   | <b>12444</b> | <b>9862</b> |                      |  |  |  |  |  |

| NANDURBAR    | 12th Pass out Students |             |                         |            |                     |             |                           |           |              |                 | Grand Total<br>(12 pass out)<br>(A+B+C+D) | FY Humanities |                 |            |            | FY Com & Mgmt   |             |            |                 | FY Sci & Tech |   |             |             | FY Interdisciplinary |  |  |  | Grand total<br>Students<br>Admitted in the<br>University<br>(E+F+G+H) | Students not<br>admitted in<br>the University<br>(T1 -T2) |
|--------------|------------------------|-------------|-------------------------|------------|---------------------|-------------|---------------------------|-----------|--------------|-----------------|---|---------------|-----------------|------------|------------|-----------------|-------------|------------|-----------------|---------------|---|-------------|-------------|----------------------|--|--|--|---|---|
|              | 12th Arts (A)          |             | 12th<br>Commerce<br>(B) |            | 12th Science<br>(C) |             | 12th<br>Vocational<br>(D) |           | Intake       | Admitted<br>(E) |   | Intake        | Admitted<br>(F) |            | Intake     | Admitted<br>(G) |             | Intake     | Admitted<br>(H) |               | Grand total<br>Students<br>Admitted in the<br>University<br>(E+F+G+H) |             |             |                      |  |  |  |   |   |
|              | M                      | F           | M                       | F          | M                   | F           | M                         | F         |              | M               |   |               | F               | M          |            | F               | M           |            | F               | M             |   | F           | M           | F                    |  |  |  |   |   |
| Taluka       | 400                    | 363         | 20                      | 8          | 405                 | 294         | 0                         | 0         | 1490         | 1720            | 288                                       | 132           | 120             | 46         | 13         | 679             | 140         | 33         | 325             | 35            | 15  | 702         | 788         |                      |  |  |  |   |   |
| Akkalkuwa    | 146                    | 160         | 23                      | 22         | 163                 | 143         | 0                         | 0         | 657          | 467             | 117                                       | 101           | 710             | 17         | 7          | 426             | 74          | 39         | 100             | 0             | 0   | 355         | 302         |                      |  |  |  |   |   |
| Dhadgaon     | 828                    | 856         | 229                     | 165        | 1255                | 860         | 81                        | 25        | 4299         | 360             | 925                                       | 606           | 120             | 256        | 153        | 120             | 387         | 306        | 0               | 20            | 29  | 2682        | 1617        |                      |  |  |  |   |   |
| Nandurbar    | 440                    | 306         | 78                      | 59         | 742                 | 830         | 0                         | 0         | 2455         | 640             | 290                                       | 138           | 120             | 45         | 24         | 144             | 75          | 69         | 200             | 59            | 24  | 724         | 1731        |                      |  |  |  |   |   |
| Navapur      | 476                    | 554         | 63                      | 39         | 1520                | 1016        | 83                        | 0         | 3751         | 1360            | 583                                       | 285           | 183             | 111        | 48         | 956             | 486         | 451        | 100             | 32            | 18  | 2014        | 1737        |                      |  |  |  |   |   |
| Shahada      | 304                    | 221         | 31                      | 18         | 377                 | 295         | 0                         | 0         | 1246         | 396             | 221                                       | 172           | 120             | 36         | 23         | 220             | 108         | 95         | 0               | 0             | 0   | 655         | 591         |                      |  |  |  |   |   |
| Taloda       | 2594                   | 2460        | 444                     | 311        | 4462                | 3438        | 164                       | 25        | 13898        | 4943            | 2424                                      | 1434          | 1373            | 511        | 268        | 2545            | 1270        | 993        | 725             | 146           | 86  | 7132        | 6766        |                      |  |  |  |   |   |
| <b>Total</b> | <b>2594</b>            | <b>2460</b> | <b>444</b>              | <b>311</b> | <b>4462</b>         | <b>3438</b> | <b>164</b>                | <b>25</b> | <b>13898</b> | <b>4943</b>     | <b>2424</b>                               | <b>1434</b>   | <b>1373</b>     | <b>511</b> | <b>268</b> | <b>2545</b>     | <b>1270</b> | <b>993</b> | <b>725</b>      | <b>146</b>    | <b>86</b>   | <b>7132</b> | <b>6766</b> |                      |  |  |  |   |   |

## Regional imbalance (Rural-Urban divide in accessibility of education)

| Taluka Wise        | RURAL        | TRIBAL       | URBAN        | Grand Total   |
|--------------------|--------------|--------------|--------------|---------------|
| Amalner            |              |              | 5639         | 5639          |
| Bhadgaon           | 972          |              |              | 972           |
| Bhusawal           |              |              | 6494         | 6494          |
| Bodwad             | 1226         |              |              | 1226          |
| Chalisgaon         |              |              | 4546         | 4546          |
| Chopda             |              | 4082         |              | 4082          |
| Dharangaon         | 876          |              |              | 876           |
| Erandol            | 1400         |              |              | 1400          |
| Jalgaon            |              |              | 30171        | 30171         |
| Jamner             | 4200         |              |              | 4200          |
| Muktainagar        | 2496         |              |              | 2496          |
| Pachora            | 2048         |              |              | 2048          |
| Parola             | 2291         |              |              | 2291          |
| Raver              |              | 1553         |              | 1553          |
| Yawal              |              | 4953         |              | 4953          |
| Dhule              |              |              | 19027        | 19027         |
| Sakri              |              | 3902         |              | 3902          |
| Shindkheda         | 3699         |              |              | 3699          |
| Shirpur            |              | 10121        |              | 10121         |
| Akkalkuwa          |              | 2022         |              | 2022          |
| Dhadgaon           |              | 696          |              | 696           |
| Nandurbar          |              |              | 6913         | 6913          |
| Navapur            |              | 1782         |              | 1782          |
| Shahada            |              |              | 5828         | 5828          |
| Taloda             |              | 1673         |              | 1673          |
| <b>Grand Total</b> | <b>19208</b> | <b>30784</b> | <b>78618</b> | <b>128610</b> |

## Annexure 3

### Statistics on NAAC accreditation

| No of Colleges affiliated to the University | No of colleges that have acquired NAAC accreditation in the last 3 cycles | Number of colleges that have not undergone NAAC accreditation any time |
|---|---|--|
| 215   | 98  | 117  |

## Annexure 4

### Economic survey of the local regions (Urban-Rural divide in Social and Economic Development)

| Name of Taluka   | Per capita income | % of population below poverty line | Employment in Organized Sector | Employment in Unorganized Sector | Female labour participation rate % | Literacy rate | Female literacy rate | % of house with improved source of drinking water | % of house holds with electricity | Number of PHC |
|------------------|-------------------|------------------------------------|--------------------------------|----------------------------------|------------------------------------|---------------|----------------------|---|-----------------------------------|---------------|
| <b>Dhule</b>     |                   | 35%                                |                                | 15400                            |                                    | 80.63         | 74.77                | 100.0%  | 100.0%                            | 11            |
| Sakri            | 83706             | 48%                                | 57915                          | 0                                | 6705                               | 63.67         | 55.79                | 100.0%  | 100.0%                            | 14            |
| shindkheda       |                   | 49%                                |                                | 1471                             |                                    | 75.41         | 65.88                | 100.0%  | 100.0%                            | 8             |
| Shirpur          |                   | 39%                                |                                | 3229                             |                                    | 64.95         | 57.56                | 100.0%  | 100.0%                            | 8             |
| Amalner          |                   | 35%                                |                                | 2597                             |                                    | 78.52         | 70.87                | 100.0%  | 100.0%                            | 5             |
| Bhadgaon         |                   | 18%                                |                                | 272                              |                                    | 76.13         | 67.41                | 99.9%   | 100.0%                            | 4             |
| Bhusawal         |                   | 24%                                |                                | 7650                             |                                    | 86.27         | 81.67                | 100.0%  | 100.0%                            | 4             |
| Bodwad           |                   | 42%                                |                                | NA                               |                                    | 79.32         | 70.95                | 100.0%  | 100.0%                            | 2             |
| Chalisgaon       |                   | 48%                                |                                | 5611                             |                                    | 75.59         | 66.84                | 99.6%   | 99.6%                             | 10            |
| Chopda           |                   | 37%                                |                                | 1818                             |                                    | 72.48         | 64.34                | 100.0%  | 100.0%                            | 7             |
| Dharangaon       |                   | 38%                                |                                | 241                              |                                    | 77.03         | 68.7                 | 99.9%   | 100.0%                            | 4             |
| Erandol          |                   | 29%                                |                                | 106                              |                                    | 74.11         | 65.06                | 99.9%   | 100.0%                            | 3             |
| <b>Jalgaon</b>   | 77751             | 24%                                | 177617                         | 40588                            | 9862                               | 84.35         | 78.96                | 99.9%   | 100.0%                            | 5             |
| Jamner           |                   | 43%                                |                                | NA                               |                                    | 74.86         | 65.16                | 99.9%   | 100.0%                            | 7             |
| Muktainagar      |                   | 35%                                |                                | NA                               |                                    | 75.06         | 66.39                | 100.0%  | 100.0%                            | 4             |
| Pachora          |                   | 24%                                |                                | 2434                             |                                    | 75.54         | 66.39                | 100.0%  | 100.0%                            | 5             |
| Parola           |                   | 34%                                |                                | 1469                             |                                    | 75.16         | 66.18                | 100.0%  | 100.0%                            | 4             |
| Raver            |                   | 31%                                |                                | 1354                             |                                    | 77.38         | 70.02                | 100.0%  | 100.0%                            | 7             |
| Yawal            |                   | 29%                                |                                | 724                              |                                    | 78.33         | 70.91                | 100.0%  | 100.0%                            | 6             |
| Akkalkuwa        |                   | 67%                                |                                | 74084                            |                                    | 62.8          | 54.6                 | 100.0%  | 100.0%                            | 13            |
| Akrani           |                   | 64%                                |                                | 51264                            |                                    | 53.3          | 46.6                 | 100.0%  | 100.0%                            | 13            |
| <b>Nandurbar</b> | 56531             | 55%                                | 45887                          | 139198                           | 7103                               | 71.4          | 63.4                 | 100.0%  | 100.0%                            | 7             |
| Navapur          |                   | 52%                                |                                | 90993                            |                                    | 60.5          | 52.9                 | 100.0%  | 100.0%                            | 9             |
| Shahada          |                   | 54%                                |                                | 167677                           |                                    | 66.1          | 57.6                 | 100.0%  | 100.0%                            | 12            |
| Taloda           |                   | 66%                                |                                | 65764                            |                                    | 65.5          | 57.7                 | 100.0%  | 100.0%                            | 4             |



## Annexure 5

### Major industries in the region

| Name of university department | Industry / Service type  | Number of Employees in each industry / service sector | Number of employees in each industry/ service sector envisaged by 2024 | Skills required for employment in each industry /service sector  | R&D opportunities in each industry / service sector | New industries expected by 2024 |  |
|-------------------------------|--|---|--|--|---|---------------------------------|--|
| <b>jalgaon</b>                | Automobile   | 1738  | 1800   | Spares, Assembling and Maintenance   |   | 2                               |  |
|                               | Heavy machinery  | 114   | 150  | Assembling and Maintenance   |   | 1                               |  |
|                               | Textile  | 1224  | 1500   | Operation of Weaving Machines/Repairs of Textile machinery Technological intervention in pre loom, on loom and quality control process |   | 05                              |  |
|                               | Beverages  | 206   | 500  | Synthesis, formulations, Processing  | Yes   | 5                               |  |
|                               | Electric Motors, Batteries, Wires, Generators, Transformers, Electric products                                   | 825   | 1000   | Assembling, windings, rewinding, maintenance   |   | 50                              |  |
|                               | Medicine, Drug, Chemical, Pesticides, Plant Growth Regulator, Liquid Fertilizers, Medical Products, Bio-products | 1582  | 1700   | Synthesis, preparation, Formulation, Processing, Safer applications  | Yes   | 10                              |  |
|                               | Gold Art, Metal Artisan, Metal Products, Iron & Steel products   | 2230  | 2500   | Goldsmith, Quality checking of Gold, Inspection and testing, Welding, Molding, Processing etc  |   | 5                               |  |
|                               |  |   |  |  |   |                                 |  |
|                               |  |   |  |  |   |                                 |  |
|                               |  |   |  |  |   |                                 |  |

|                  | Textile  | 3278 | 3500 | Operation of Weaving Machines/Repairs of Textile machinery Technological intervention in pre loom, on loom and quality control process |     | 05 |
|------------------|--|------|------|--|-----|----|
| <b>Dhule</b>     | Beverages  | 57   | 100  | Synthesis, formulations, Processing  | Yes | 2  |
|                  | Electric Motors, Batteries, Wires, Generators, Transformers, Electric products                                   | 7    | 25   | Assembling, windings, rewinding, maintenance   |     | 5  |
|                  | Medicine, Drug, Chemical, Pesticides, Plant Growth Regulator, Liquid Fertilizers, Medical Products, Bio-products | 1255 | 1500 | Synthesis, preparation, Formulation, Processing, Safer applications  | Yes | 5  |
|                  | Metal Artisan, Metal Products, Iron & Steel products   | 763  | 850  | Inspection and testing, Welding, Molding, Processing etc   |     | 2  |
|                  | Beverages  | 99   | 150  | Synthesis, formulations, Processing  | Yes | 3  |
| <b>Nandurbar</b> | Chemical, Pesticides   | 4    | 25   | Synthesis, preparation, Formulation, Processing, Safer applications  | Yes | 2  |
|                  | Metal Products, Iron & Steel products  | 18   | 25   | Inspection and testing, Welding, Molding, Processing etc   |     | 3  |

## Industry in the region (Micro Small Medium Enterprises)

| Name of university department | Industry/Service type                          | Number of Employees in each industry / service sector | Number of employees in each industry/service sector envisaged by 2024 | Skills required for employment in each industry /service sector   | R&D opportunities in each industry/ service sector | New industries expected by 2024 |
|-------------------------------|--|---|---|---|--|---------------------------------|
| Jalgaon                       | Wood Mills & Storage wood Products (Furniture) | 557   | 600   | Wood cutting Carpenter  |  | 05                              |
|                               | Paper Industries, Paper Products               | 1564  | 2000  | Machine operation   |  | 10                              |
|                               | Plastic Products                               | 6614  | 6700  | Machine operation   |  | 2                               |
|                               | Grinding Milling                               | 2721  | 3000  | Mill operation  |  | 15                              |
|                               | Glass Products                                 | 12  | 20  | Chemical Mixing, molding  | Yes  | 15                              |
|                               | Warehouses, Cold Storage                       | 21  | 30  | Ware house Management, Supply Chain Management, Machine Operation | Yes  | 40                              |
|                               | Food Product Industries                        | 2130  | 2500  | Processing knowledge  | Yes  | 20                              |
|                               | Rubber Products                                | 97  | 100   | Chemical mixing, Machine operation                                | Yes  | 1                               |
|                               | Printing, Binding & Office Stationery          | 412   | 500   | Assembling  |  | 20                              |
|                               | Electronic Industry                            | 22  | 65550   | Fabrication, Assembling, soldering                                | Yes  | 40                              |
|                               | Wood Mills & Storage wood Products (Furniture) | 204   | 300   | Wood cutting Carpenter  |  | 2                               |
|                               | Paper Industries, Paper Products               | 58  | 150   | Machine operation   |  | 5                               |
|                               | Plastic Products                               | 342   | 500   | Machine operation   |  | 2                               |
|                               | Dhule  |   |   |   |  |                                 |

|                  |  |     |     |   |     |    |
|------------------|--|-----|-----|---|-----|----|
| <b>Nandurbar</b> | Grinding Milling                               | 731 | 850 | Mill operation  |     | 5  |
|                  | Animal Skin processing                         | 612 | 800 | Chemical Processing   |     | 5  |
|                  | Warehouses, Cold Storage                       | 9   | 100 | Ware house Management, Supply Chain Management, Machine Operation |     | 10 |
|                  | Animal Feed Industries                         | 181 | 300 | Processing knowledge  | Yes | 3  |
|                  | Rubber Products                                | 48  | 70  | Chemical mixing, Machine operation                                | Yes | 2  |
|                  | Printing, Binding & Office Stationery          | 16  | 50  | Assembling  |     | 5  |
|                  | Wood Mills & Storage wood Products (Furniture) | 125 | 200 | Wood cutting Carpenter  |     | 05 |
|                  | Paper Industries, Paper Products               | 20  | 50  | Machine operation   |     | 1  |
|                  | Grinding Milling                               | 92  | 200 | Mill operation  |     | 2  |
|                  | Warehouses, Cold Storage                       | 32  | 50  | Ware house Management, Supply Chain Management, Machine Operation | Yes | 2  |
|                  | Animal Feed Industries                         | 21  | 50  | Processing knowledge  | Yes | 2  |
|                  | Rubber Products                                | 7   | 20  | Chemical mixing, Machine operation                                | Yes | 2  |
|                  | Coal Industries                                | 7   | 20  | Mixing, Processing  |     | 1  |



## Annexure 7

### Industry in the region (Agro based)

| Name of university department | Industry/Service type                         | Number of Employees in each industry / service sector | Number of employees in each industry/service sector envisaged by 2024 | Skills required for employment in each industry /service sector | R&D opportunities in each industry/ service sector | New industries expected by 2024 |
|-------------------------------|---|---|---|---|--|---------------------------------|
| Jalgaon                       | Agriculture                                   | 4928  | 5200  | Farming skill   | Yes  | 10                              |
|                               | Fruits / Vegetable storage                    | 223   | 250   | Preservation technique  | Yes  | 05                              |
|                               | Animal Feeds                                  | 41  | 50  | Processing of feed  | Yes  | 5                               |
|                               | Milk Product                                  | 692   | 700   | Manufacturing Process   | Yes  | 3                               |
|                               | Tobacco Products                              | 845   | 900   | Management Skill  | Yes  | 5                               |
|                               | Oil and Fat Extraction from Animal and Fruits | 1032  | 1100  | Manufacturing Process   | Yes  | 5                               |
| Dhule                         | Agriculture                                   | 383   | 500   | Farming skill   | Yes  | 10                              |
|                               | Fruits / Vegetable storage                    | 62  | 100   | Preservation technique  | Yes  | 4                               |
|                               | Animal Feeds                                  | 181   | 200   | Processing of feed  | Yes  | 1                               |
|                               | Milk Product                                  | 203   | 300   | Manufacturing Process   | Yes  | 5                               |
|                               | Oil and Fat Extraction from Animal and Fruits | 1285  | 1500  | Manufacturing Process   | Yes  | 10                              |
|                               | Agriculture                                   | 1236  | 1500  | Farming skill   | Yes  | 5                               |
| Nandurbar                     | Fruits / Vegetable storage                    | 42  | 50  | Preservation technique  | Yes  | 1                               |
|                               | Animal Feeds                                  | 21  | 30  | Processing of feed  | Yes  | 1                               |
|                               | Oil and Fat Extraction from Animal and Fruits | 131   | 200   | Manufacturing Process   | Yes  | 5                               |

## Annexure 8

### Industry in the region (Craft, Handloom, Local products)

| Name of university department                                      | Industry/Service type           | Number of Employees in each industry / service sector | Number of employees in each industry/service sector envisaged by 2024 | Skills required for employment in each industry /service sector | R&D opportunities in each industry/service sector | New industries expected by 2024 |
|--|---------------------------------|---|---|---|---|---------------------------------|
| Kavayitri Bahinabai Chaudhari North Maharashtra University Jalgaon | Craft, Handloom, Local products | 00  | 20  | Chemical colour Processing technique                            | --  | 5                               |

## Local resources (Agri produce, Minerals, Tourist spots etc.)

| Name of university department | Industry/Service type | Number of Employees in each industry / service sector | Number of employees in each industry/service sector envisaged by 2024 | Skills required for employment in each industry /service sector | R&D opportunities in each industry/service sector | New industries expected by 2024 |
|-------------------------------|-----------------------|---|---|---|---|---------------------------------|
| Jalgaon                       | Agri Product          | 7003  | 10000   | Processing technique  | Yes   | 50                              |
|                               | Minerals              | 0   | 0   | Searching, processing Testing                                   | Yes   | NA                              |
|                               | Tourist Spots (03)    | 0   | 100   | Hospitality   | Yes   | 5                               |
| Dhule                         | Agri Product          | 2533  | 3500  | Processing technique  | Yes   | 15                              |
|                               | Minerals              | 1225  | 1500  | Searching, processing Testing                                   | Yes   | 2                               |
|                               | Tourist Spots (01)    | 0   | 25  | Hospitality   | Yes   | 2                               |
| Nandurbar                     | Agri Product          | 1325  | 1500  | Processing technique  | Yes   | 5                               |
|                               | Minerals              | 0   | 0   | Searching, processing Testing                                   | Yes   | NA                              |
|                               | Tourist Spots (06)    | 0   | 500   | Hospitality   | Yes   | 12                              |

### Opportunities in Fine arts, Performing arts, Photography, Animation, Local arts

| Name of university department                                      | Name of Course       | Current enrolment rates in courses offered in liberal, fine and performing arts, animation, photography, etc. | Placement details of graduates from these courses        |
|--|----------------------|---|--|
| Kavayitri Bahinabai Chaudhari North Maharashtra University Jalgaon | Applied Arts         | 55  | Placement for graduates is not available in this region. |
|  | Drawing & Painting   | 8   |  |
|  | Painting             | 24  |  |
|  | Print Making         | 4   |  |
|  | Printing             | 9   |  |
|  | Sculpture            | 7   |  |
|  | Visual Communication | 4   |  |



## Survey and feedback of stakeholders

| Sr.No. | Stakeholders   | Target | Actual | Feed back   |
|--------|--|--------|--------|---|
| 1.     | Students   | 5000   | 5088   | <ul style="list-style-type: none"> <li>• More emphasis on quality education.</li> <li>• Revision of curriculum including skill components.</li> <li>• Need of new colleges and hostels.</li> <li>• Centers for Competitive examinations guidance.</li> </ul>  |
| 2.     | Teachers   | 2000   | 2212   | <ul style="list-style-type: none"> <li>• Need of new colleges &amp; new courses.</li> <li>• Technical Courses for rural &amp; Tribal areas.</li> <li>• Need of Women 's colleges.</li> <li>• Problems of faculty of unaided colleges.</li> <li>• Effective Implementation of research schemes.</li> </ul>                                   |
| 3.     | Principals<br>(Junior & Senior<br>Colleges )               | 200    | 309    | <ul style="list-style-type: none"> <li>• Excellent coordination between University and affiliated colleges.</li> <li>• More budget &amp; support for research.</li> <li>• Active participation of colleges in university decisions &amp; policy.</li> </ul>   |
| 4.     | Chairman of<br>Colleges /Institute<br>(Jr. & Sr. Colleges) | 200    | 261    | <ul style="list-style-type: none"> <li>• Guidance for NAAC/NBA accreditation.</li> <li>• New colleges according GER.</li> <li>• New Colleges in rural areas.</li> <li>• Guidance for SWOT analysis.</li> </ul>  |
| 5.     | Non-Teaching Staff<br>(Campus &<br>affiliated colleges)    | 700    | 919    | <ul style="list-style-type: none"> <li>• Training for official work according to development in technology.</li> <li>• Industrial visits for survey of administration.</li> <li>• Organization of training &amp; workshops.</li> </ul>  |
| 6.     | Senate Members   | 40     | 40     | <ul style="list-style-type: none"> <li>• Change according to world scenario in higher education.</li> <li>• Training/courses for teaching &amp; non-teaching staff of affiliated colleges.</li> <li>• MoUs with national &amp; international organizations.</li> <li>• Training courses towards leadership &amp; administration.</li> </ul> |
| 7.     | Parents  | 1600   | 1714   | <ul style="list-style-type: none"> <li>• Sound technical courses.</li> <li>• Job placement &amp; recruitment</li> <li>• Need and skill based education.</li> <li>• Inclusion of ethics &amp; values in the curriculum.</li> <li>• Need of certificate courses.</li> </ul>   |

| Sr.No.       | Stakeholders        | Target        | Actual        | Feed back  |
|--------------|---------------------|---------------|---------------|--|
| 8.           | Social Workers      | 40            | 40            | <ul style="list-style-type: none"> <li>• Mechanism to convey the research and innovation of university to society.</li> <li>• Quality education in university.</li> </ul>  |
| 9.           | Industrialists      | 200           | 226           | <ul style="list-style-type: none"> <li>• Skill based courses to meet the needs of local industries.</li> <li>• Training for women workers.</li> <li>• New colleges as per the population.</li> <li>• Job opportunity to skilled students.</li> </ul>   |
| 10.          | VC, PVC, Registrars | 20            | 20            | <ul style="list-style-type: none"> <li>• Adequate faculty &amp; non-teaching staff.</li> <li>• Revision of curriculum as per the need of region &amp; available resources.</li> <li>• Financial support for research &amp; fellowships.</li> <li>• Introspective &amp; sophisticated facility for research.</li> </ul> |
| <b>TOTAL</b> |                     | <b>10,000</b> | <b>10,829</b> |  |

### Proposed New Colleges, Additional Divisions

#### 5.1.1 District wise New Colleges:

##### Arts, Commerce, Science & Management colleges

| Districts    | 2019-20   | 2020-21   | 2021-22   | 2022-23   | 2023-24   | Total     |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Jalgaon      | 06        | 10        | 09        | 10        | 10        | 45        |
| Dhule        | 05        | 02        | 02        | 03        | 02        | 14        |
| Nandurbar    | 04        | 02        | 03        | 03        | 03        | 15        |
| <b>Total</b> | <b>15</b> | <b>14</b> | <b>15</b> | <b>15</b> | <b>15</b> | <b>74</b> |

#### Location wise New Colleges:

| Sr. No. | Taluka            | Proposed Location for New College/Institution | Proposed Colleges with Faculties Arts (A)/ Commerce (C) / Science (S)/ Management Sciences(M) |   |   |   |   |
|---------|-------------------|---|---|---|---|---|---|
|         |                   |   | Total Colleges/ Institutions  | A | C | S | M |
| 1       | 2                 | 3   | 4   | 5 | 6 | 7 | 8 |
| 1.      | <b>Jalgaon</b>    | Shirsoli/Kusumba                              | 02  | ✓ | ✓ | ✓ | ✓ |
|         |                   | Nashirabad                                    | 01  | ✓ | ✓ | ✓ |   |
|         |                   | Bhokar  | 01  | ✓ | ✓ | ✓ |   |
|         |                   | Mhasawad                                      | 01  | ✓ | ✓ |   |   |
| 2.      | <b>Amalner</b>    | Amalner                                       | 02  | ✓ | ✓ | ✓ | ✓ |
|         |                   | Janave  | 01  | ✓ | ✓ | ✓ |   |
|         |                   | Patonda                                       | 01  | ✓ |   | ✓ |   |
|         |                   | Mandal  | 01  | ✓ | ✓ |   |   |
| 3.      | <b>Dharangaon</b> | Paldhi  | 01  | ✓ | ✓ | ✓ |   |
|         |                   | Bambhori BK                                   | 02  | ✓ | ✓ | ✓ | ✓ |
|         |                   | Salwa   | 01  | ✓ |   |   |   |
| 4.      | <b>Erandol</b>    | Kasoda  | 01  | ✓ | ✓ | ✓ |   |
|         |                   | Kadholi                                       | 01  | ✓ | ✓ | ✓ |   |
| 5.      | <b>Chopda</b>     | Chopda  | 02  |   | ✓ | ✓ | ✓ |
|         |                   | Hated   | 01  | ✓ |   |   |   |
|         |                   | Umarti  | 01  | ✓ | ✓ | ✓ |   |
|         |                   | Ghodgaon/Galangi/Chahardi                     | 01  | ✓ | ✓ |   |   |
| 6.      | <b>Chalisgaon</b> | Chalisgaon                                    | 01  | ✓ | ✓ | ✓ |   |
|         |                   | Waghali                                       | 01  | ✓ | ✓ |   |   |
|         |                   | Talegaon                                      | 01  | ✓ |   |   |   |
|         |                   | Pimparkhed                                    | 01  | ✓ | ✓ | ✓ |   |
|         |                   | Mehunbare                                     | 01  | ✓ | ✓ | ✓ |   |
| 7.      | <b>Pachora</b>    | Pachora                                       | 01  | ✓ | ✓ | ✓ |   |
|         |                   | Nagardevala                                   | 01  | ✓ | ✓ |   |   |
|         |                   | Lohara  | 01  | ✓ |   | ✓ |   |
| 8.      | <b>Bhadgaon</b>   | Kajgaon                                       | 01  | ✓ |   |   |   |
|         |                   | Juwardi                                       | 01  | ✓ |   |   |   |
| 9.      | <b>Parola</b>     | Tamaswadi/Devagaon                            | 01  | ✓ | ✓ | ✓ |   |
| 10.     | <b>Jamner</b>     | Fateepur                                      | 01  | ✓ |   |   |   |
|         |                   | Neri  | 01  | ✓ | ✓ |   |   |
|         |                   | Pahur   | 01  | ✓ |   |   |   |
| 11.     | <b>Raver</b>      | Raver   | 01  |   |   |   | ✓ |

| Sr. No.                   | Taluka      | Proposed Location for New College/Institution | Proposed Colleges with Faculties Arts (A)/ Commerce (C) / Science (S)/ Management Sciences(M) |    |    |    |   |
|---------------------------|-------------|---|---|----|----|----|---|
|                           |             |   | Total Colleges/ Institutions  | A  | C  | S  | M |
| 1                         | 2           | 3   | 4   | 5  | 6  | 7  | 8 |
|                           |             | Chinaval                                      | 01  | ✓  | ✓  | ✓  |   |
| 12.                       | Yawal       | Yawal   | 01  |    |    |    | ✓ |
|                           |             | Haripura                                      | 01  | ✓  | ✓  | ✓  |   |
|                           |             | Kingaon                                       | 01  | ✓  |    |    |   |
|                           |             | Sakali/Shirsal                                | 01  | ✓  | ✓  | ✓  |   |
| 13.                       | Muktainagar | Anturli                                       | 01  | ✓  |    |    |   |
| 14.                       | Bodwad      | Jamathi                                       | 01  | ✓  |    |    |   |
| 15.                       | Bhusawal    | Deepnagar                                     | 01  | ✓  | ✓  |    |   |
|                           |             | Kurha (Panache)                               | 01  | ✓  |    |    |   |
| 16.                       | Dhule       | Dhule City                                    | 01  | ✓  | ✓  | ✓  |   |
|                           |             | Avadhan                                       | 01  | ✓  | ✓  | ✓  |   |
|                           |             | Fagane/Mukati                                 | 01  | ✓  | ✓  | ✓  |   |
|                           |             | Borkund                                       | 01  | ✓  | ✓  | ✓  |   |
|                           |             | Ner   | 02  | ✓* | ✓* | ✓* | ✓ |
|                           |             | Shirud  | 01  | ✓  |    |    |   |
|                           |             | Arvi  | 01  | ✓  | ✓  |    |   |
|                           |             | Mahindale                                     | 02  |    | ✓* |    | ✓ |
|                           |             | Kapadane                                      | 01  | ✓  | ✓  | ✓  |   |
| 17.                       | Shirpur     | Arthe/Varul                                   | 01  | ✓  |    |    |   |
|                           |             | Sangvi  | 01  | ✓  | ✓  | ✓  |   |
| 18.                       | Shindkheda  | Dhamane/Virdel/Bamhane                        | 01  | ✓  |    |    |   |
| 19.                       | Nandurbar   | Nandurbar                                     | 02  | ✓  | ✓  | ✓  | ✓ |
|                           |             | Ranale  | 01  | ✓  | ✓  |    |   |
| 20.                       | Navapur     | Navapur                                       | 02  | ✓  | ✓  | ✓  | ✓ |
|                           |             | Visarwadi                                     | 01  |    |    | ✓  |   |
|                           |             | Navagaon                                      | 01  | ✓  |    |    |   |
|                           |             | Khandbara                                     | 01  | ✓  | ✓  | ✓  |   |
| 21.                       | Shahada     | Mandane                                       | 01  | ✓  |    |    |   |
|                           |             | Toranmal                                      | 01  | ✓  | ✓  | ✓  |   |
|                           |             | Bramhanpuri                                   | 02  | ✓  | ✓  | ✓  | ✓ |
| 22.                       | Taloda      | Borad   | 01  | ✓  |    |    |   |
|                           |             | Prtappur                                      | 01  | ✓  |    |    |   |
| 23.                       | Akkalkuwa   | Molgi   | 01  |    | ✓  | ✓  |   |
| <b>Total New Colleges</b> |             |   | <b>74</b>   |    |    |    |   |

Note: The engineering, pharmacy and architecture colleges are not included as their affiliating university is BATU, Lonere.

\* For these locations, Government of Maharashtra has approved Letter of Intent (Irada Patra) to start new colleges.

### 5.1.2 University Conducted college

| Tahsil/District   | 2019-20   |
|-------------------|-----------|
| Molagi, Nandurbar | 01        |
| <b>Total</b>      | <b>01</b> |



### 5.1.3 Model college

| Location/District            | 2019-20   |
|------------------------------|-----------|
| <i>Tokartalao, Nandurbar</i> | 01        |
| <b>Total</b>                 | <b>01</b> |

### 5.1.4 Satellite centres: Total: 03

- Pratap Regional Post-graduate Center, Amalner
- Mahatma Gandhi Tatwadnyan Kendra, Dhule
- Eklavya Training Center, Nandurbar

### 5.1.5 New Women's college locations: Total: 05

| Tehsil                               | Women's College |
|--------------------------------------|-----------------|
| Navapur/Taloda/Kakarda (Tribal Area) | 01              |
| Shindkheda/Shirpur                   | 01              |
| Jamner/Bodwad/Muktainagar/Varangaon  | 01              |
| Chalisingaon/Pachora/Bhadgaon        | 01              |
| Dharangaon/Erondol/Parola            | 01              |

### 5.1.6 New Night colleges locations: Total: 04

| Districts | Locations Arts (A), Commerce (C) & Management (M) |
|-----------|---|
| Jalgaon   | 01  |
| Bhusawal  | 01  |
| Dhule     | 01  |
| Nandurbar | 01  |

### 5.1.7 New Social Work colleges: Total: 08

| District                             | Social Work College |
|--------------------------------------|---------------------|
| Jalgaon/Jamner-Pahur/Pachora/Erondol | 04                  |
| Dhule/Shindkheda/Sangavi-Shirpur     | 03                  |
| Nandurbar                            | 01                  |

### 5.1.8 New Arts and Fine Art college locations: 08

| Tehsil              | Arts and Fine Arts College            |
|---------------------|---------------------------------------|
| Chalisingaon        | 01 (Fine Arts)                        |
| Jamner/Pahur        | 01 (Performing Arts)                  |
| Dhule               | 02 (01Fine Arts) (01 Performing Arts) |
| Sangvi Tal. Shirpur | 02 (01Fine Arts) (01 Performing Arts) |
| Nandurbar           | 02 (01Fine Arts) (01Performing Arts)  |

### 5.1.9 Skill development colleges location: Total: 32

| District     | Skill development colleges |
|--------------|----------------------------|
| Jalgaon      | 18                         |
| Dhule        | 09                         |
| Nandurbar    | 05                         |
| <b>Total</b> | <b>32</b>                  |

**5.1.10 New Law college: 01**

| Districts                  | Law colleges |
|----------------------------|--------------|
| Nandurbar-Taloda/Akkalkuva | 01           |

**5.1.11 New Nursing college: 01**

| Districts               | Nursing college |
|-------------------------|-----------------|
| KBC NMU campus, Jalgaon | 01              |

**5.1.12 New special B.Ed. colleges location: 02**

| District | Special B.Ed. College |
|----------|-----------------------|
| Dhule    | 02                    |

**5.1.13 New special B.Sc. (Hotel/Hospitality Management) colleges location: 02**

| District | B.Sc. (Hotel/Hospitality Management) College |
|----------|--|
| Jalgaon  | 01   |
| Dhule    | 01   |

**5.1.14 New special B.Sc. (Fashion Designing) colleges location: 02**

| District | B.Sc. (Fashion Designing) College |
|----------|-----------------------------------|
| Jalgaon  | 01                                |
| Dhule    | 01                                |

**5.1.15 District wise additional divisions:****Arts, Commerce, Science & Management colleges.**

| Districts | 2019-20   | 2020-21   | 2021-22   | 2022-23   | 2023-24   | Total      |
|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| Jalgaon   | 26        | 23        | 22        | 20        | 20        | 111        |
| Dhule     | 11        | 12        | 10        | 10        | 10        | 53         |
| Nandurbar | 03        | 05        | 09        | 11        | 11        | 39         |
| Total     | <b>40</b> | <b>40</b> | <b>41</b> | <b>41</b> | <b>41</b> | <b>203</b> |

\*Location wise additional divisions are given on next page

**Location wise additional divisions:**

| Sr. No. | Taluka                | New Courses & Faculty  | New Subjects  | Additional Divisions |           |           |            |            |            |             |             |             |                          |                           |                            |                            |                          |                           |                            | Total |                            |                            |  |    |
|---------|-----------------------|--|---|----------------------|-----------|-----------|------------|------------|------------|-------------|-------------|-------------|--------------------------|---------------------------|----------------------------|----------------------------|--------------------------|---------------------------|----------------------------|-------|----------------------------|----------------------------|--|----|
|         |                       |  |   | F.Y. B.A.            | S.Y. B.A. | T.Y. B.A. | F.Y. B.Sc. | S.Y. B.Sc. | T.Y. B.Sc. | F.Y. B.Com. | S.Y. B.Com. | T.Y. B.Com. | Law 1 <sup>st</sup> Year | B.Ed. 1 <sup>st</sup> Yr. | B.S.W. 1 <sup>st</sup> Yr. | M.S.W. 1 <sup>st</sup> Yr. | M.A. 1 <sup>st</sup> Yr. | M.Sc. 1 <sup>st</sup> Yr. | M.Com. 1 <sup>st</sup> Yr. |       | M.C.A. 1 <sup>st</sup> Yr. | M.B.A. 1 <sup>st</sup> Yr. | Professional Courses UG/PG Per College |    |
| 1.      | 2                     | 3  | 4   | 5                    | 6         | 7         | 8          | 9          | 10         | 11          | 12          | 13          | 14                       | 15                        | 16                         | 17                         | 18                       | 19                        | 20                         | 21    | 22                         | 23                         | 24                                     |    |
| 1.      | Jalgaon Dist. Jalgaon | 1. B.A. L.L.B.<br>2. Dip.in<br>Taxation Law<br>3. M.Pharm.-Pharmaceutics<br>4. M.Com.-HRM, Account<br>5. BE-Civil & Electrical<br>6. MA-English, Marathi<br>7. BCA, BBA<br>8. BBA-IT<br>9. B.Com.-Accountancy &<br>Taxation<br>10. M.Com-Accountancy &<br>Taxation<br>11. BNYS<br>12. MPH<br>13. BFA<br>14. BCA<br>15. BBA | 1. B.Sc., Compu.Sci,<br>Biotech,<br>Electronics,<br>Micro<br>2. B.A.<br>Psychology, Pali<br>3. M.Sc.<br>Nano-Tech.,<br>Maths,<br>Org.Chem.<br>Physics<br>4. Yoga<br>(Interdisciplinary<br>Faculty)<br>5. Portfolio<br>Management<br>(Comm.&Mgt.<br>Faculty)<br>6. Translation Study-<br>(Humanities faculty.) | 02                   | 02        | 02        | 02         | 02         | 02         | 01          | 01          | 01          | --                       | --                        | --                         | --                         | --                       | 01                        | --                         | --    | --                         | 01/01                      | 18                                     |    |
| 2.      | Jamner Dist. Jalgaon  | 1. M.Com.  | 1. M.Sc.<br>Nano-Tech.,<br>Maths,<br>Org.Chem.<br>Physics<br>2. Arts- All Subjects<br>Gen. & Spl. Sub.  | 01                   | 01        | 01        | 01         | 01         | 01         | 01          | 01          | 01          | --                       | --                        | --                         | --                         | --                       | --                        | --                         | --    | --                         | --                         | --                                     | 09 |

| Sr. No. | Taluka                 | New Courses & Faculty                          | New Subjects   | Additional Divisions |           |           |            |            |            |             |             |             |                          |       |                            |                            |      |       |        | Total |                            |                            |  |    |
|---------|------------------------|--|--|----------------------|-----------|-----------|------------|------------|------------|-------------|-------------|-------------|--------------------------|-------|----------------------------|----------------------------|------|-------|--------|-------|----------------------------|----------------------------|--|----|
|         |                        |  |  | F.Y. B.A.            | S.Y. B.A. | T.Y. B.A. | F.Y. B.Sc. | S.Y. B.Sc. | T.Y. B.Sc. | F.Y. B.Com. | S.Y. B.Com. | T.Y. B.Com. | Law 1 <sup>st</sup> Year | B.Ed. | B.S.W. 1 <sup>st</sup> Yr. | M.S.W. 1 <sup>st</sup> Yr. | M.A. | M.Sc. | M.Com. |       | M.C.A. 1 <sup>st</sup> Yr. | M.B.A. 1 <sup>st</sup> Yr. | Professional Courses UG/PG Per College |    |
| 1       | 2                      | 3  | 4  | 5                    | 6         | 7         | 8          | 9          | 10         | 11          | 12          | 13          | 14                       | 15    | 16                         | 17                         | 18   | 19    | 20     | 21    | 22                         | 23                         | 24                                     |    |
| 3.      | Bhusawal Dist. Jalgaon | 1.M.A.- Politics, History, Music, Psychology   | 1.T.Y.B.Sc. Botany (Spl.)<br>Phy.Spl.<br>2.M.Sc. Nano-Tech., Maths,<br>Org.Chem. Physics<br>Botany<br>Microbiology<br>IT<br>Physical Chem.<br>Zoology<br>Inorg.Chem.<br>3. FYBA-Dramatics, Sociology (Gen)<br>4. FYBSc. - Geog.(Gen) | 01                   | 01        | 01        | 01         | 01         | 01         | --          | --          | --          | --                       | --    | --                         | --                         | --   | 01    | --     | --    | --                         | --                         | 01/01                                  | 09 |
| 4.      | Bodvad Dist. Jalgaon   | 1.M.Com.<br>2.M.A.-Marathi, English, Economics | 1.T.Y.B.Sc. Botany (Spl.)<br>Phy.Spl.<br>Zoo. Spl.<br>2.M.Sc. Nano-Tech., Maths,<br>Org.Chem. Physics<br>3.BA-History (Spl.&Gen.)<br>4. B.Com.- New Subjects   | 01                   | 01        | --        | 01         | 01         | --         | 01          | 01          | --          | --                       | --    | --                         | --                         | --   | --    | --     | --    | --                         | --                         | --                                     | 06 |

| Sr. No. | Taluka                    | New Courses & Faculty  | New Subjects  | Additional Divisions |           |           |            |            |            |             |             |             |                          |       |                            |                            |      |       |        |                            | Total |                            |  |
|---------|---------------------------|--|---|----------------------|-----------|-----------|------------|------------|------------|-------------|-------------|-------------|--------------------------|-------|----------------------------|----------------------------|------|-------|--------|----------------------------|-------|----------------------------|--|
|         |                           |  |   | F.Y. B.A.            | S.Y. B.A. | T.Y. B.A. | F.Y. B.Sc. | S.Y. B.Sc. | T.Y. B.Sc. | F.Y. B.Com. | S.Y. B.Com. | T.Y. B.Com. | Law 1 <sup>st</sup> Year | B.Ed. | B.S.W. 1 <sup>st</sup> Yr. | M.S.W. 1 <sup>st</sup> Yr. | M.A. | M.Sc. | M.Com. | M.C.A. 1 <sup>st</sup> Yr. |       | M.B.A. 1 <sup>st</sup> Yr. | Professional Courses UG/PG Per College |
| 1       | 2                         | 3  | 4   | 5                    | 6         | 7         | 8          | 9          | 10         | 11          | 12          | 13          | 14                       | 15    | 16                         | 17                         | 18   | 19    | 20     | 21                         | 22    | 23                         | 24                                     |
| 5.      | Muktainagar Dist. Jalgaon | 1.M.Com.<br>2.M.A.-History, Marathi, English, Politics,<br>3. B.Sc. (All Sub.) (Spl.&Gen.) | 1.M.Sc. Nano-Tech., Maths, Org.Chem. Physics Microbiology   | 01                   | 01        | 01        | 01         | 01         | 01         | --          | --          | --          | --                       | --    | --                         | --                         | --   | --    | 01     | --                         | --    | --                         | 07                                     |
| 6.      | Yawal Dist. Jalgaon       | 1.B.Pharm. (Practise) (As per regulation 2014)<br>2.M.E.-Comp.Engg., Civil Engg.           | 1.M.Sc. Nano-Tech., Maths, Org.Chem. Physics<br>2.BE-Elect. Engg.   | 01                   | 01        | 01        | 01         | 01         | --         | 01          | 01          | --          | --                       | --    | --                         | --                         | --   | --    | 01     | --                         | --    | --                         | 08                                     |
| 7.      | Raver Dist. Jalgaon       | 1.M.A- Economics   | 1.M.Sc. Nano-Tech., Maths, Org.Chem. Physics, Computer  | 01                   | 01        | --        | 01         | 01         | --         | 01          | 01          | --          | --                       | --    | --                         | --                         | --   | --    | --     | --                         | --    | --                         | 06                                     |
| 8.      | Pachora Dist. Jalgaon     | 1.B.Com.<br>2.BBA  | 1.M.Sc. Nano-Tech., Maths, Org.Chem. Physics  | 01                   | 01        | 01        | 01         | 01         | --         | 01          | 01          | --          | --                       | --    | --                         | --                         | --   | --    | --     | --                         | --    | --                         | 07                                     |
| 9.      | Chalisgaon Dist. Jalgaon  | 1.M.Com.   | 1.B.A. Sankrit, Psychology Journalism<br>2. B.Sc. Statistics, Bio-Chem. Microbiology<br>3. M.A. Hindi<br>4.M.Sc. Nano-Tech., Maths, Org.Chem. Physics | 01                   | 01        | 01        | 01         | 01         | 01         | 01          | 01          | 01          | --                       | --    | --                         | --                         | --   | --    | --     | --                         | --    | --                         | 09                                     |



| Sr. No. | Taluka                  | New Courses & Faculty  | New Subjects  | Additional Divisions |           |           |            |            |            |             |             |             |                          |       |                            |                            | Total |      |       |        |                            |                            |  |
|---------|-------------------------|--|---|----------------------|-----------|-----------|------------|------------|------------|-------------|-------------|-------------|--------------------------|-------|----------------------------|----------------------------|-------|------|-------|--------|----------------------------|----------------------------|--|
|         |                         |  |   | F.Y. B.A.            | S.Y. B.A. | T.Y. B.A. | F.Y. B.Sc. | S.Y. B.Sc. | T.Y. B.Sc. | F.Y. B.Com. | S.Y. B.Com. | T.Y. B.Com. | Law 1 <sup>st</sup> Year | B.Ed. | B.S.W. 1 <sup>st</sup> Yr. | M.S.W. 1 <sup>st</sup> Yr. |       | M.A. | M.Sc. | M.Com. | M.C.A. 1 <sup>st</sup> Yr. | M.B.A. 1 <sup>st</sup> Yr. | Professional Courses UG/PG Per College |
| 1       | 2                       | 3  | 4   | 5                    | 6         | 7         | 8          | 9          | 10         | 11          | 12          | 13          | 14                       | 15    | 16                         | 17                         | 18    | 19   | 20    | 21     | 22                         | 23                         | 24                                     |
| 10.     | Bhadgaon Dist. Jalgaon  | 1. B.Com. (All Subjects)<br>2. B.Sc. (All Subjects)  | 1. B.Sc. (All Subjects) (Spl.&Gen.)<br>2. B.Com.<br>3. M.Sc. Nano-Tech., Maths, Org.Chem. Physics | --                   | --        | --        | 01         | 01         | 01         | --          | --          | --          | --                       | --    | --                         | --                         | --    | --   | --    | --     | --                         | --                         | 03                                     |
| 11.     | Parola Dist. Jalgaon    | 1. M.A.-Marathi, Hindi, Geog. History,   | 1. M.Sc. Nano-Tech., Maths, Org.Chem. Physics, Botany   | 01                   | 01        | 01        | 01         | 01         | 01         | --          | --          | --          | --                       | --    | --                         | --                         | --    | --   | --    | --     | --                         | --                         | 06                                     |
| 12.     | Erandol Dist. Jalgaon   | 1. M.A.- Marathi, Economics  | 1. M.Sc. Nano-Tech., Maths, Org.Chem. Physics   | --                   | --        | --        | 01         | 01         | 01         | --          | --          | --          | --                       | --    | --                         | --                         | --    | --   | --    | --     | --                         | --                         | 03                                     |
| 13.     | Dharrgaon Dist. Jalgaon | 1. B.Sc. (All Subjects)<br>2. B.Com.<br>3. B.A. (All Subjects)<br>4. M.Com.<br>5. M.A.- Public Administration, History | 1. M.Sc. Nano-Tech., Maths, Org.Chem. Physics, Microbiology<br>Org.Che m.,                        | --                   | --        | --        | 01         | 01         | 01         | --          | --          | --          | --                       | --    | --                         | --                         | --    | --   | --    | --     | --                         | --                         | 03                                     |
| 14.     | Chopda Dist. Jalgaon    | 1. B.Sc. (All Subjects)<br>2. M.A.-Hindi, History, Psychology, Defence, Marathi  | 1. M.Sc. Nano-Tech., Maths, Org.Chem. Physics ,Botany Biotech<br>2. B.A.-History, Psychology      | 01                   | 01        | 01        | 01         | 01         | 01         | --          | --          | --          | --                       | --    | --                         | --                         | --    | --   | --    | --     | --                         | 01/01                      | 08                                     |

| Sr. No. | Taluka                | New Courses & Faculty  | New Subjects   | Additional Divisions |           |           |            |            |            |             |             |             |  |       |                            |                            | Total |      |       |        |                            |                            |  |    |
|---------|-----------------------|--|--|----------------------|-----------|-----------|------------|------------|------------|-------------|-------------|-------------|--|-------|----------------------------|----------------------------|-------|------|-------|--------|----------------------------|----------------------------|--|----|
|         |                       |  |  | F.Y. B.A.            | S.Y. B.A. | T.Y. B.A. | F.Y. B.Sc. | S.Y. B.Sc. | T.Y. B.Sc. | F.Y. B.Com. | S.Y. B.Com. | T.Y. B.Com. | Law 1 <sup>st</sup> Year               | B.Ed. | B.S.W. 1 <sup>st</sup> Yr. | M.S.W. 1 <sup>st</sup> Yr. |       | M.A. | M.Sc. | M.Com. | M.C.A. 1 <sup>st</sup> Yr. | M.B.A. 1 <sup>st</sup> Yr. | Professional Courses UG/PG Per College |    |
| 1       | 2                     | 3  | 4  | 5                    | 6         | 7         | 8          | 9          | 10         | 11          | 12          | 13          | 14                                     | 15    | 16                         | 17                         | 18    | 19   | 20    | 21     | 22                         | 23                         | 24                                     |    |
| 15.     | Amalner Dist. Jalgaon | 1.B.Sc. (All Subjects)<br>2.M.A.-Geog., Pol.Science, Eng.,Marathi, History, Defence<br>3.B.Com. (All Sub)  | 1.M.Sc. Nano-Tech., Maths, Org.Chem. Physics<br>2.B.A.-Sociology, Hindi, Eco., Psychology<br>3. TYB.Com.- New Subjects   | 01                   | 01        | 01        | 01         | 01         | 01         | 01          | 01          | 01          | --                                     | --    | --                         | --                         | --    | --   | --    | --     | --                         | --                         | 09                                     |    |
| 16.     | Dhule Dist. Dhule     | 1. M.A. (All Subjects)<br>2.M.Com.<br>3. B.C.A.<br>4.B.Com.<br>5.M.C.A.<br>(M.C.A. for KBCNNU Sub Center)<br>6. Dip.in IPR<br>7. Advanced Dip.in Print Packaging Art | 1.M.Sc. Nano-Tech., Maths,Org.Chem. Physics<br>Geo Informatics, Chemistry,<br>Environmental Sci., Drug Chem.<br>Zoology.<br>2.B.Sc. - Chemistry, Physics, Maths, Computer Sci.<br>Zoology, Electronics, Botany,<br>Geography ,<br>Micro,Geology,<br>Bio Chemistry, (All General / Special)<br>3. BA - Pali, Def. Stud. ,<br>Urdu, Marathi, Hindi, Politics, (All General/ Special)<br>4. LLM-<br>New Subject | 02                   | 02        | 02        | 02         | 02         | 02         | 02          | 02          | 02          | 03 (One Each For LLLB II, III and DTL) | --    | 01                         | --                         | --    | --   | --    | --     | --                         | --                         | 01/01                                  | 24 |

| Sr. No. | Taluka                 | New Courses & Faculty   | New Subjects   | Additional Divisions |           |           |            |            |            |             |             |             |                          |       |                            |                            |      |       |        | Total |                            |                            |  |
|---------|------------------------|---|--|----------------------|-----------|-----------|------------|------------|------------|-------------|-------------|-------------|--------------------------|-------|----------------------------|----------------------------|------|-------|--------|-------|----------------------------|----------------------------|--|
|         |                        |   |  | F.Y. B.A.            | S.Y. B.A. | T.Y. B.A. | F.Y. B.Sc. | S.Y. B.Sc. | T.Y. B.Sc. | F.Y. B.Com. | S.Y. B.Com. | T.Y. B.Com. | Law 1 <sup>st</sup> Year | B.Ed. | B.S.W. 1 <sup>st</sup> Yr. | M.S.W. 1 <sup>st</sup> Yr. | M.A. | M.Sc. | M.Com. |       | M.C.A. 1 <sup>st</sup> Yr. | M.B.A. 1 <sup>st</sup> Yr. | Professional Courses UG/PG Per College |
| 1       | 2                      | 3   | 4  | 5                    | 6         | 7         | 8          | 9          | 10         | 11          | 12          | 13          | 14                       | 15    | 16                         | 17                         | 18   | 19    | 20     | 21    | 22                         | 23                         | 24                                     |
| 17.     | Sakri Dist. Dhule      | 1.M.A. Geog., History,Marathi, Hindi, Sociology, English,   | 1.M.Sc. Nano-Tech., Maths, Org.Chem. Physics<br>2. B.Sc.-Chem. Physics, Botany, Zoology(All Spl.)<br>3.BA- History,Eng., Geog.(All Gen.& Spl.)   | 01                   | 01        | 01        | 02         | 02         | 02         | 01          | 01          | 01          | 01                       | --    | --                         | --                         | --   | --    | --     | --    | --                         | --                         | 12                                     |
| 18.     | Shindkheda Dist. Dhule | 1.M.A.- Marathi, Hindi, English, Def. Stud. Sociology, Political Sci.<br>2. B.Sc. - (All Sub)<br>3. M.Com.<br>4:B.B.M. B.B.A., B.C.A.,M.B.M., M.C.M. ,              | 1.M.Sc. Nano-Tech., Maths, Org.Chem. Physics, Botany, Computer Sci. Geography, Computer Sci.,  | 01                   | 01        | 01        | 01         | 01         | 01         | --          | --          | --          | --                       | --    | --                         | --                         | --   | --    | --     | --    | --                         | --                         | 06                                     |
| 19.     | Shirpur Dist. Dhule    | 1.M.Tech. (Cosmetic)<br>2.Pharm.D.<br>3. M.A. (All Subjects)<br>4. M. Pharm. -<br>DRA & IPR, Pharm. Analysis, Regulatory & toxicology,<br>5. B. PHARM. -<br>Ayurved | 1. M.Sc.- Zoo, Botany, Computer, Physics, Nano-Tech., Maths, Org.Chem. Physics<br>2. B.A.- Pali, Psychology, Hindi, History, (All Gen.& Spl.)<br>3.BSc.-Geog., Physics, Mathematics, Statistics, | 01                   | 01        | 01        | 01         | 01         | 01         | 01          | 01          | 01          | --                       | --    | --                         | --                         | --   | --    | --     | --    | --                         | 01/01                      | 11                                     |

| Sr. No. | Taluka                    | New Courses & Faculty  | New Subjects   | Additional Divisions |           |           |            |            |            |             |             |             |                          |       |                            |                            |      |       |        | Total |                            |                            |  |
|---------|---------------------------|--|--|----------------------|-----------|-----------|------------|------------|------------|-------------|-------------|-------------|--------------------------|-------|----------------------------|----------------------------|------|-------|--------|-------|----------------------------|----------------------------|--|
|         |                           |  |  | F.Y. B.A.            | S.Y. B.A. | T.Y. B.A. | F.Y. B.Sc. | S.Y. B.Sc. | T.Y. B.Sc. | F.Y. B.Com. | S.Y. B.Com. | T.Y. B.Com. | Law 1 <sup>st</sup> Year | B.Ed. | B.S.W. 1 <sup>st</sup> Yr. | M.S.W. 1 <sup>st</sup> Yr. | M.A. | M.Sc. | M.Com. |       | M.C.A. 1 <sup>st</sup> Yr. | M.B.A. 1 <sup>st</sup> Yr. | Professional Courses UG/PG Per College |
| 1       | 2                         | 3  | 4  | 5                    | 6         | 7         | 8          | 9          | 10         | 11          | 12          | 13          | 14                       | 15    | 16                         | 17                         | 18   | 19    | 20     | 21    | 22                         | 23                         | 24                                     |
|         |                           |  | Chemistry<br>Botany, Computer,<br>Zoology, Electronics,<br>Biotechnology,<br>Microbiology<br>Eng. & Marathi (All<br>Gen & Spl.)  |                      |           |           |            |            |            |             |             |             |                          |       |                            |                            |      |       |        |       |                            |                            |  |
| 20      | Navapur Dist. Nandurbar   | 1.M.A.<br>(All Subjects)<br>2.B.Sc.<br>(All Subjects)<br>3. M.Com. | 1.B.A.-<br>English (Spl.)<br>2. M.Sc. Geography,<br>Nano-Tech.,<br>Maths,<br>Org.Chem.<br>Physics,<br>Comp.Sci.,<br>Statistics   | 01                   | 01        | 01        | 01         | 01         | 01         | --          | --          | --          | --                       | --    | --                         | --                         | --   | --    | --     | --    | --                         | --                         | 06                                     |
| 21      | Nandurbar Dist. Nandurbar | 1.M.A.<br>(All Subjects)<br>2.M.Com.                               | 1. M.A. (Geography)<br>2.M.Sc. Comp.Sci.,<br>Zoology, Nano-Tech.,<br>Maths,<br>Org.Chem.<br>Physics, Microbiology<br>3. B.A. Music, Pali,<br>4. B.Sc.<br>Geology<br>5. M.C.A.<br>(For NMU Sub Center)<br>6.B.A.-<br>All Gen.&<br>Spl.Sub of FY to TYBA<br>7.Science<br>All Gen.& Spl. Sub. of<br>FY to TYB.Sc. | 01                   | 01        | 01        | 01         | 01         | 01         | 01          | 01          | 01          | --                       | --    | --                         | --                         | --   | --    | --     | --    | --                         | 01/01                      | 11                                     |

| Sr. No.      | Taluka                    | New Courses & Faculty  | New Subjects   | Additional Divisions |           |            |            |            |             |             |             |                          |       |                            |                            |      |       |        |                            |                            | Total |  |    |
|--------------|---------------------------|--|--|----------------------|-----------|------------|------------|------------|-------------|-------------|-------------|--------------------------|-------|----------------------------|----------------------------|------|-------|--------|----------------------------|----------------------------|-------|--|----|
|              |                           |  |  | F.Y. B.A.            | S.Y. B.A. | T.Y. B.Sc. | S.Y. B.Sc. | T.Y. B.Sc. | F.Y. B.Com. | S.Y. B.Com. | T.Y. B.Com. | Law 1 <sup>st</sup> Year | B.Ed. | B.S.W. 1 <sup>st</sup> Yr. | M.S.W. 1 <sup>st</sup> Yr. | M.A. | M.Sc. | M.Com. | M.C.A. 1 <sup>st</sup> Yr. | M.B.A. 1 <sup>st</sup> Yr. |       | Professional Courses UG/PG Per College |    |
| 1            | 2                         | 3  | 4  | 5                    | 6         | 7          | 8          | 9          | 10          | 11          | 12          | 13                       | 14    | 15                         | 16                         | 17   | 18    | 19     | 20                         | 21                         | 22    | 23                                     | 24 |
| 22           | Akkalkuwa Dist. Nandurbar | 1.M.A. (All Subjects)<br>2. B.A. (All Subjects)<br>3. B.Sc. (All Subjects)<br>4. Non AICTE Professional Course | 1.M.Sc. Nano-Tech., Maths, Org.Chem. Physics, Biology, Zoology, Physics  | 01                   | 01        | 01         | 01         | 01         | 01          | 01          | 01          | 01                       | --    | --                         | --                         | --   | --    | --     | --                         | --                         | --    | --                                     | 09 |
| 23           | Dhadgaon Dist.            | ----   | 1. M.Sc. Nano-Tech., Maths, Org.Chem. Physics  | 01                   | 01        | 01         | --         | --         | --          | --          | --          | --                       | --    | --                         | --                         | --   | --    | --     | --                         | --                         | --    | --                                     | 03 |
| 24           | Taloda Dist.              | --   | M.Sc. Nano-Tech., Maths, Org.Chem. Physics   | --                   | --        | --         | 01         | 01         | 01          | --          | --          | --                       | --    | --                         | --                         | --   | --    | --     | --                         | --                         | --    | --                                     | 03 |
| 25           | Shahada Dist. Nandurbar   | 1.M.A. (All Subjects)<br>2.M.C.A. (For Institutions)<br>3. B.Sc. (All Subjects)                                | 1.M.Sc. Nano-Tech., Maths, Org.Chem. Physics, Biology, Geog.,<br>2.BA-Defence Study, Political Sci., Psychology (All Spl. & Gen.Sub)<br>3. B.Sc.- Geog., Geology, Statistics, Lib.Sci., Electronics (All Spl. Or Gen.) | 01                   | 01        | --         | 01         | 01         | --          | 01          | 01          | --                       | --    | --                         | --                         | --   | --    | 01     | --                         | --                         | --    | --                                     | 07 |
| <b>TOTAL</b> |                           |  |  |                      |           |            |            |            |             |             |             |                          |       |                            |                            |      |       |        |                            |                            |       | <b>203</b>                             |    |



## New courses proposed for 2019-2024

### New courses in Skill/Entrepreneurship

| Sr. No. | Name of the Course                                    | Duration |
|---------|---|----------|
| 1       | B. Voc. (Agriculture & Food Security)                 | 3years   |
| 2       | B. Voc. (Bio-Diversity)                               | 3years   |
| 3       | B. Voc. (Dress Designing & Tailoring))                | 3years   |
| 4       | B. Voc. (Ginning, Pressing)                           | 3years   |
| 5       | B. Voc. (Organic Farming)                             | 3years   |
| 6       | B. Voc. (Co-operative Banking)                        | 3years   |
| 7       | B. Voc. (Retail Marketing)                            | 3years   |
| 8       | B. Voc. (Animation & Multimedia)                      | 3years   |
| 9       | B. Voc. (Handicraft & Bamboo weaving)                 | 3years   |
| 10      | B. Voc. (Floriculture)                                | 3years   |
| 11      | B. Voc. (Industrial Instrumentation & Automation)     | 3years   |
| 12      | B. Voc. (Horticulture)                                | 3years   |
| 13      | B. Voc. (Farm Equipment & Machinery)                  | 3years   |
| 14      | B. Voc. (Nursery Production & Management)             | 3years   |
| 15      | B. Voc. (Ware House & Preservation)                   | 3years   |
| 15      | B. Voc. (Rural Health Care & Sanitation)              | 3years   |
| 16      | B. Voc. (Dairy Products)                              | 3years   |
| 17      | B. Voc. (Drip & Irrigation Technology)                | 3years   |
| 18      | B. Voc. (Electrical Wiring & Maintenance)             | 3years   |
| 19      | B. Voc. (Mass Media & Reproduction)                   | 3years   |
| 20      | B. Voc. (Data Analytics)                              | 3years   |
| 21      | B. Voc. (Cyber Security & Forensic)                   | 3years   |
| 22      | B. Voc. (Pesticide Production)                        | 3years   |
| 23      | B. Voc. (Polymer Coating)                             | 3years   |
| 24      | B. Voc. (Nutrition & Diet Planning)                   | 3years   |
| 25      | B. Voc. (ICT Hardware & Networking)                   | 3years   |
| 26      | Certificate Course in Pollution Measurement & Control | 6 Months |
| 27      | Certificate Course in Waste Management                | 6 Months |
| 28      | Certificate Course in Water Purification techniques   | 6 Months |
| 29      | Certificate Course in Welding & Fabrication           | 6 Months |
| 30      | Certificate Course in Metal Artisanship               | 6 Months |
| 31      | Certificate Course in Financial Services              | 6 Months |
| 32      | Certificate Course in Goods and Services Tax          | 6 Months |
| 33      | Certificate Course in Android Development             | 6 Months |
| 34      | Certificate Course in Written Communication           | 6 Months |
| 35      | Certificate Course in Accounting                      | 6 Months |

### New academic programs/courses

| <b>Sr. No.</b> | <b>Academic Program/Course</b>       | <b>Duration</b> |
|----------------|--------------------------------------|-----------------|
| 1              | B.Sc. (Sanitary Science)             | 3 Years         |
| 2              | B.Sc. (Audiography & Speech Therapy) | 3 Years         |
| 3              | M.Sc. (Data Science & Analysis)      | 2 Years         |
| 4              | M.Sc. (Cognitive Science)            | 2 Years         |
| 5              | M.Com. (Professional)                | 2 Years         |
| 6              | B.A. (Tribal & Rural Studies)        | 3 Years         |
| 7              | M.A. (Tribal & Rural Studies)        | 2 Years         |
| 8              | B.A. (Tourism & Travel Management)   | 3 Years         |
| 9              | M.Sc. (Soil Conservation)            | 2 Years         |
| 10             | M.Sc. (Water Quality & Harvesting)   | 2 Years         |
| 11             | M.Sc. (Pollution Studies)            | 2 Years         |
| 12             | M.Sc. (Software Engineering)         | 2 Years         |
| 13             | M.Sc. (Actuarial Science)            | 2 Years         |
| 14             | M.A. (Folk Arts)                     | 2 Years         |
| 15             | M.Sc. (Computational Linguistics)    | 2 Years         |

## Existing skill courses

| Sr. No. | Skill/Entrepreneurship course                         | Duration | Offered by (Name of Department/College)                 |
|---------|---|----------|---|
| 1       | B.Voc. (Food processing & Technology)                 | 3years   | Kisan College Parola<br>Dist-Jalgaon                    |
| 2       | B.Voc. (Tissue Culture)                               | 3years   |   |
| 3       | B.Voc. (GreenHouse Technology)                        | 3years   |   |
| 4       | B.Voc. (Food processing & Technology)                 | 3years   | Pratap College, Amalner<br>Dist-Jalgaon                 |
| 5       | B.Voc. (Renewable Energy Technology & management)     | 3years   |   |
| 6       | B.Voc. (Account & Taxation)                           | 3years   | Arts, Commerce & Science<br>College, Pachora            |
| 7       | B.Voc. (Software Development)                         | 3years   |   |
| 8       | B.Voc. (Water & Conservation)                         | 3years   | Arts, Commerce & Science<br>College, Erandol            |
| 9       | B.Voc. (Geo-Informatics)                              | 3years   |   |
| 10      | B.Voc. (Software Development)                         | 3years   | Dr.P.R.Ghogre Science<br>College, Dhule                 |
| 11      | B.Voc. (Software Development)                         | 3years   |   |
| 12      | B.Voc. (Green House Technology)                       | 3years   | Jijamata Arts, Commerce &<br>Science College, Nandurbar |
| 13      | B.Voc. (Green House Technology)                       | 3years   |   |
| 14      | B.Voc. (Agriculture economics & farm management)      | 3years   |   |
| 15      | B.Voc. (Software Development & Technology)            | 3years   | Dr.G.D.Bendale Mahila<br>College, Jalgaon               |
| 16      | B.Voc. (Broadcasting & Journalism)                    | 3years   |   |
| 17      | B.Voc. (Photography & ideography)                     | 3years   |   |
| 18      | B.Voc. (Film Making & Dramatics)                      | 3years   |   |
| 19      | B.Voc. (Jewelry Designing)                            | 3years   |   |
| 20      | B.Voc. (Electronic Media)                             | 3years   |   |
| 21      | B.Voc. (3-D Animation)                                | 3years   |   |
| 22      | B.Voc. (Theatre & Television)                         | 3years   |   |
| 23      | B.Voc. (Sports Nutrition & Physiotherapy)             | 3years   |   |
| 24      | B.Voc. (Financial Management)                         | 3years   |   |
| 25      | B.Voc. (Graphics & Multimedia)                        | 3years   | KCE Society's IMR<br>Jalgaon                            |
| 26      | B.Voc. (BFSI)   | 3years   |   |
| 27      | B.Voc. (Travel & Tourism)                             | 3years   | M.J.College, Jalgaon                                    |
| 28      | B.Voc. (Agriculture)                                  | 3years   |   |
| 29      | B.Voc. (Floriculture & Landscape Gardening)           | 3years   |   |
| 30      | Diploma in -----                                      |          | NA  |
| 31      | Post graduate diploma in                              |          | NA  |
| 32      | Certificate course in Bio-Fertilizer Production       | 6 months | KBC North Maharashtra<br>University, Jalgaon            |
| 33      | Certificate course in Cultivation of Medicinal Plants | 6 months |   |

### Current courses in Liberal, Fine and Performing Arts

#### A. Current courses offered in liberal, fine and performing arts, tourism and hospitality

| Sr. No. | Course                      | Duration | Offered by (Name of the University Department/College) |
|---------|-----------------------------|----------|--|
| 1       | BFA (Applied Arts)          | 4 Year   | M. J. College, Jalgaon                                 |
| 2       | BFA (Applied Arts)          | 4 Year   | Lalit Kala Mahavidyalaya, Jalgaon                      |
| 3       | M.A. (Instrumental (Tabala) | 2 Years  | School of Arts & Humanities, KBC NMU, Jalgaon          |
| 4       | M.A. (Music)                | 2 Years  | School of Arts & Humanities, KBC NMU, Jalgaon          |
| 5       | M.A. (Vocal)                | 2 Years  | School of Arts & Humanities, KBC NMU, Jalgaon          |
| 6       | B.A. Additional (Music)     | 01 Year  | School of Arts & Humanities, KBC NMU, Jalgaon          |
| 7       | M.A. (Music)                | 2 Years  | P. O. Nahata College, Bhusawal                         |
| 8       | M.A. (Music)                | 2 Years  | M. J. College, Jalgaon                                 |

#### B. Details of centres set up for preservation/study/appreciation of local culture/history/art forms

| Sr. No. | Name of the Centre   | University departments/<br>Affiliated College  | Existing/Proposed |
|---------|--|--|-------------------|
| 1       | Manuscript preservation and digitization                   | Knowledge Resource Centre, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon | Existing          |
| 2       | Preservation and digitization of old books and manuscripts | Pratap Philosophy Centre, Amalner<br>Sub-Campus of the university                              | Existing          |
| 3       | Museum: Tribal Museum & Research Centre                    | Tribal Academy, Nandurbar  | Proposed          |
| 4       | Bahinabai Study & Research Centre                          | School of Thoughts, KBC North Maharashtra University, Jalgaon                                  | Proposed          |
| 5       | Diagnostic Natural Medicines Centre by tribal              | Tribal Academy, Nandurbar  | Proposed          |
| 6       | Bhaskaracharya Ganit Nagari                                | Patana Devi, Chalisgaon  | Proposed          |



**'A' Grade**  
**NAAC Re-Accredited**  
**(3<sup>rd</sup> Cycle)**