

Sr. No. :

# GONDWANA UNIVERSITY GADCHIROLI (M.S.)



## FIVE YEAR PERSPECTIVE PLAN YEAR 2024 - 29

*Published By :*

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## From the Vice Chancellor's Desk.....

We are delighted to forward Five Year Perspective Plan of our University for the year 2024-29 encapsulating the primary infrastructure needs, administrative and academic reforms of the hour and creation of basic research and incubation facilities at the university and its affiliated colleges. The Gondwana University, Gadchiroli has been carved out of RTM Nagpur University and established with a motive to cater the aspirations of the economically impoverished, socio-culturally excluded, and Naxalite-infested districts of Gadchiroli and Chandrapur. The primary objective of our University is upliftment of the under-privileged region that is recognized as tribal having majority forested areas by way of expansion, inclusion and excellence. The plan echoes aspirations of the local society, feedback from stakeholders, inputs from University authorities and State level Expert committee on Perspective plan.

The Maharashtra Public Universities Act, 2016 mandates for development plans for Higher and Technical Education within the confines of the State Universities. The Five-Year Perspective Plan for the period 2024-29 is thus conceptualized on the lines of the mandated directives inscribed in the act.

It is in this context, it took 9 long years of establishment for the university leaderships to fetch much coveted 12(b) status by the UGC, New Delhi on 23rd Sep'2020. Needless to mention that this recognition of ours has opened contours of development for this university by way of qualifying for getting central financial assistance. Apart from this, over the years of developmental agenda set from time to time, the succeeding paragraphs concisely delineates the hard work done and contributions made to the overall up-liftment of aspiring young minds of the region.

Legitimate acquisition of 177 acres of land for primary campus of the University, Development of adjacent 7.5 acres of land to existing 10 acre campus as skill campus featuring "Ekal Centre - Empowering Gram Sabhas through Capacity Building and Training in the context of activities related to Minor Forest Produce" under aspirational district program, Centre for Invention, Innovation, Incubation and Training (CIIT) of TaTa Technologies Pvt. Ltd. and constituent Model Degree College, Commissioning of examination building, University Incubation Centre, "TRICEF", supported by MSInS under the aegis of Department of skill development, entrepreneurship and employment for generating Startups, Development of Model Degree College, Cultural Auditorium, Academic Block, Guest House and Hostel Capacity augmentation etc. are some of the major milestones put in place on the frontiers of infrastructure development plan.

On the frontage of academics and research, 7 new P.G. teaching departments in addition to existing 5 departments, STRC, Operationalization of constituent Model Degree College offering 9 skill based courses having employment potential, One Year Diploma in Bamboo Design and Entrepreneurship by STRC, Academic audit for 173 affiliated colleges and 12 PGTDs, Minor Research Projects and Seed Money Grant Scheme for teachers, Doctoral Research Fellowship for Ph D registered scholars, Post-Doctoral Fellowship for researcher faculties and financial support against patents, copyright and G.I. etc objected at improving overall research ambience across the region, Recognition of 21 centres for higher learning and research studies in as many 23 subjects at affiliated colleges and PGTDs, 21 functional MOUs with regional, national and international institutions, etc. are some of the foremost initiatives and activities undertaken for the overall progress and benefit of the students.

Marching ahead and with the objectives set in, this five-year plan envisages proposal for starting 23 new traditional colleges, 13 PG teaching departments, 7 Woman colleges, 16 night colleges, 3 colleges for deaf & dumb, 8 satellite centres, 51 skill-based courses having employment potential in the industrial sectors exploring the local natural forest & mineral resources. Autonomy for 2 affiliated colleges, Constitution of 1 cluster institution, Setting up Skill development Colleges/Centers, establishing VTPs, recognizing existing colleges as VTIs and Commencing FYUGP - B.A., "VidyapithAplyaGawat" for college drop outs in over 100 Gram Sabhas etc. are some of the

initiatives as foreseen exclusively for the weaker sections and those, deprived of their natural inheritance, is the other area where university is looking forward to focus upon with due emphasis.

Apart from this, looking at the present scenario of Gondwana University and as a very distinguishing feature of our vision and mission, we have proposed to the Govt. to add another CHANGE AGENT as tribal and forest based mandate aimed at converging into a “World-Class Tribal-Focussed University”. This is to be achieved by way of an addendum for insertion at the end of Chapter XIII as section in the Maharashtra Public Universities Act’2016, as special provision for Gondwana University, Gadchiroli. Due to this special privilege, the university shall be developed and established as a state level higher education institution having focus on “Tribal education, studies, research and empowerment”, in particular the tribal woman, which are socially as well as economically under-privileged, and thus ultimately fetch them to national and international streams.

On this occasion, I wish to extend exceptional thanks to Hon’ble Chancellor for his valuable guidance, State Government and its office bearers for necessary support and Authorities, officers and employees of the University for their explicit co-operation.

Date: 21.07.2023

**Dr. Prashant S. Bokare**  
Vice-Chancellor  
Gondwana University, Gadchiroli

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## 1.0 Executive Summary

As said by Swami Vivekananda, ‘Education is the manifestation of perfection already in (hu)man’. Dr. S. Radhakrishnan looks at education as acquiring of knowledge beyond what is academic and professional. ‘Education for all’ is an indispensable part in the context of national development. Education being the most powerful instrument in human development at different spheres of livelihood, efforts have been made to bring reforms in the education system from time to time. In this context a three-fold formula of expansion, inclusion and excellence’ is identified as the inevitable dictum in higher education. In Maharashtra, there is significant quantitative growth in Gross Enrollment Ratio (GER). Still there is lot of scope for human development in rural, tribal and hilly areas. Gadchiroli and Chandrapur are two such districts where quality higher education needs to be percolated among youths.

Both the districts are rich in natural resources like coal and other minerals, forest resources such as timber, bamboo, ‘tendu-patta’, honey, mushroom, herbs and numerous other things. The Wainganga and the Pranhita are the two major rivers of the region. Though paddy is the principal crop of the majority of the farmers here, there are a good number of people who subsist on forest products, mining, fishing and such allied activities. Both the districts have a rich legacy of historical and legendary past. Numerous forts, caves and historically famous places over here are waiting for further research and exploration. The recent fossil-find of the skeletal remains of dinosaurs in the forests near Sironcha speaks volumes of the antiquity and the archeological significance and possibilities of the place.

Formerly the students of these districts had to travel all the way to Nagpur for all university-related matters which posed them appalling problems in the form of physical strain and financial burden. The inception of the Gondwana University proved to be a blessing to fulfill the long-cherished dream of a long suppressed, backward and poor cross-section of the less fortunate population of India residing in these two districts. Topographically the region coming under the educational jurisdiction of Gondwana University is marked by the presence of hills, plains and rivers. Deep forests, rich in flora and fauna but infested by Maoists (Naxalites) and roamed around by a huge tiger population and other dangerous species of wild animals, are a common sight here.

Gondwana University, Gadchiroli is one of the youngest universities of Maharashtra State and was established on 2nd October, 2011 combining Gadchiroli and Chandrapur districts. At present there are 212 colleges affiliated to the University of which 30 colleges are accredited by NAAC with 2 colleges awarded with ‘A’ grade. The only affiliated Govt. Engineering College is accredited by NBA. The area under Gondwana University, Gadchiroli is characterized by educational and economical backwardness. Existingly, there are 12 Post Graduate Teaching Departments in the University. The university has adapted Choice Based Credit System (CBCS) pattern of education from the year 2016-17 and is set to implement PG programs as per NEP 2020 from the year 2023-24 and UG programs from the year 2024-25. The University has introduced all recommendations of the Agrawal Committee with regard to examination reforms and related automations notably like ‘on line secured delivery of the question papers’ and ‘on-screen valuation system of the courses’.

### **Ground Realities and the ways and means to deal with them**

A large portion of the population is found struggling for their existence in villages surrounded by forests. Frequent droughts and occasional floods upset the calculations of these farmers. Tiger and leopard attacks form a part of the daily news. Occasionally they are also mauled by bears and such cruel brutes. It is through these treacherous forests that the poor students have to walk on foot or pedal their long way to the colleges situated in the semi-urban or urban areas causing less number of Gross Enrollment Ratio (GER). The regions have been reported to be ones with the lowest Gross Enrollment Ratio (GER). The specters of ignorance, illiteracy and superstition loom large over the region along with dire poverty and dreadful unemployment. Many are exploited by the rich people and money lenders. Very often justice is denied to them because of their ignorance and illiteracy.

The aborigines who constitute the scheduled tribes and scheduled castes inhabit the vast chunks of the region and are highly marginalized and abysmally pushed outside the periphery of the mainstream of socio-economic life. A good number of people are addicted to country liquor, tobacco, drugs and smoking. A healthy society requires all these people to be well-integrated through proper education into its mainstream so that equality, justice and social

cohesion can prevail. These marginalized sections have their unique cultural practices and customs which have to be learned and preserved for their posterity and to add to the Nation's rich diversity. A large number of these people living in the deep jungles find it very hard to have the healthy effects of education offered to them at tribal, rural, semi-urban and urban places of this region. Not only that, they have not sufficient earnings to pay for today's costly education as well.

Strategically well-planned and students-centric higher education, easily available and consumable design, serious execution with easy access and equity can empower and emancipate these tribal students belonging to various backward communities from invisible manacles. Hence, not only making higher education easily available to them at affordable costs, but also empowering them through job-oriented and professional courses taking due note of their region-specific needs and that of the industries in which they have to be placed, assumes severe significance. Their specific talents have to be identified, addressed and fostered to equip themselves for the modern competitive world. Their local resources have to be optimally explored and used for their increased employment and higher levels of incomes which can generate skilled man-power and technologically sound scholars in the region. They have to be trained to hone their skill development and entrepreneurship.

The Gondwana University, in its short span of 10 years, has successfully created healthy and conducive academic environment in the region. The infrastructural expansion and widening of the scope of research and innovation in the university jurisdiction have spread the message of learning with practice among all the stakeholders. Some of these innovative expansions are as follows.

### **Infrastructural Development :**

Started with a small portion of 10 acres of land, Gondwana University has reached to the stage where a new campus is proposed at Adpalli on 177 acres. Equally important development is the start of sub center coming up at Chandrapur. There is substantial increase in the infrastructure and Examination building, Auditorium and Guest House are on the verge of completion.

Model Degree College is emerging as asset as it is posing as a hub of job-oriented courses catering the needs of the job seeking youth. Science & Technology Resource Center (STRC) is turning out to be trend setting venture of the university in collaboration with the Ministry of Science and Technology. Developing on the 5 verticals STRC happens to prepare solid platform for the futuristic development of the community in general and tribal youth in particular.

Ekal project is a capacity building for the Gram Sabhas based on Minor Forest Produce. Alpha Academy is a novel initiation of the university to offer cutting edge course and to make the learners job ready in the competitive world. Tata Technologies Ltd – CIIT is collaborative CSR funded project for invention, innovation, incubation training. Tricef Incubation Centre is funded by the ministry of skill development Government of Maharashtra.

### **Following are the key activities under Research and Innovation :**

1. Minor Research project scheme
2. Seed money grant scheme
3. IPR Policy
4. Doctoral Research Fellowship Scheme
5. Post-Doctoral Fellowship Scheme
6. Financial assistance for filing Patents/Copyrights/Trade Marks/G.I.
7. Financial assistance for carrying research projects/studies.
8. Scopus Publication Scheme for teachers and students.
9. Tricef Incubation Centre having 10 registered startups

### **Academics :**

1. Existing 12 PGTDs; Phase-II 13 proposed; Proposal for 5 PGTDs (MA in Fine arts, performing arts, Linguistics, Anthropology and MSW forwarded to Govt.
2. Gondwana University Gadchiroli is set to implement NEP 2020 from 2023-24
3. Chandrapur sub campus –Professional courses like Management, Law, Pharmacy, Computer Science and Skill based courses are proposed at the upcoming sub-center at Chandrapur

The Five-Year Perspective Plan of the University for 2024-29 has been prepared with a comprehensive strategy for the all-round upliftment of the students as also for the rest of the population. The Perspective Plan takes into account the prevailing stark social realities and strives to address them in a very systematic and pragmatic manner so that a social, educational, economic and political transformation is quite possible in the imminent future. Further, the University in its Perspective Plan with its multi-pronged approach envisions a total – individual, social and cultural – change by retaining in the curricula, all the good aspects of the past and by incorporating in it all necessary changes for the future, subsuming within it the latest knowledge explosion in all branches of learning, particularly the ICT, which befit the current generation to live in the contemporary society with all its complex ramifications. Since education has to prepare the youth to face the challenges of the current world and that of the world to come, character formation, moral training, intellectual training, skill development, creation of competencies and all-round development of the personality become imperative. Accordingly, this Perspective Plan has been designed taking in consideration the requirements and opportunities proposed in the National Education Policy- 2020.

Apart from this, looking at the present scenario of Gondwana University and as a very distinguishing feature of our vision and mission, we have proposed to the Govt. to add another CHANGE AGENT as tribal and forest-based mandate aimed at converging into a “World-Class Tribal-Focused University”. This is to be achieved by way of an addendum for insertion at the end of Chapter XIII as section in the Maharashtra Public Universities Act-2016, as special provision for Gondwana University, Gadchiroli. Due to this special privilege, the university shall be developed and established as a state level higher education institution having focus on “Tribal education, studies, research and empowerment”, in particular the tribal women who are socially as well as economically under-privileged, and thus ultimately fetch them to national and international streams.

Innovation and creation of new knowledge through research and development, creation and maintenance of infrastructural requirements which are on parity with the global standards, adoption of and insisting on best curricular-transaction possibilities, appointment of the best talents from across the country in the faculty and staff, introduction and emulation of the best practices of standard institutions everywhere, transparent and efficient management and governance, correct evaluation and early declaration of results, a good library with substantial collection of books and other learning resources and their optimal use - all these find their proper place in the ambit of the Perspective Plan. The Perspective Plan encapsulates the aspirations and ambitious dream of the University for the people of the region.

## 2.0 Objectives

### 2.1 Improvement in GER in a given region

Name of the district	Current GER in the district	Increment targeted by 2029
Gadchiroli	14.71	17.00
Chandrapur	23.73	26.00

Source: AISHE'2021-22 Report

### 2.2 Improvement in inclusivity and equity

#### GER (General)

Name of the most backward area	Contribution in GER by the University (expressed as % of the district)	Increment targeted by 2029
<b>Gadchiroli District</b>		
Bhamragarh	1.49	2.50
Korchi	2.45	3.50
Sironcha	2.83	3.50
Etapalli	3.28	4.0
Dhanora	3.30	4.0
Mulchera	3.42	4.0
<b>Chandrapur District</b>		
Pombhurna	1.36	2.50
Sawli	2.77	3.50
Korpana	3.55	4.50
Jiwti	3.57	4.50
Gondpipri	3.89	4.50
Bhadravati	4.18	5.0

\*Note: (1) Estimates considering age groups of 15-19 and 20-24 years (2) Figures in bracket indicate absolute figures.\*Source: District Statistical Officer, Chandrapur and Gadchiroli.

#### GER (Female)

Name of the most backward area	Contribution in GER by the university (expressed as % of the district)	Increment targeted by 2029
<b>Gadchiroli District (GER – 10.99)</b>		
Bhamragarh	1.33	2.50
Sironcha	1.92	3.0
Korchi	2.40	3.50
Etapalli	2.62	3.50
Mulchera	2.95	3.50



Dhanora	3.29	4.0
<b>Chandrapur District (GER – 40.02)</b>		
Pombhurna	0.95	2.0
Jiwati	1.56	2.50
Sawli	2.49	3.50
Gondpipri	3.04	4.0
Mul	3.12	4.0
Korpana	3.30	4.50

### GER (SC)

Name of the most backward area	Contribution in GER by the university (expressed as % of the district)	Increment targeted by 2029
<b>Gadchiroli District (GER – 3.61)</b>		
Mulchera	0.78	2.0
Dhanora	1.27	2.50
Sironcha	2.47	3.50
Korchi	2.80	4.0
Etapalli	3.49	5.0
Kurkheda	5.38	7.0
<b>Chandrapur District (GER – 12.52)</b>		
Pombhurna	1.49	2.50
Gondpipri	2.0	3.0
Sawli	2.07	3.0
Korpana	2.25	3.50
Warora	2.50	3.50
Mul	3.07	4.0
Sindewahi	3.11	4.0

### GER (ST)

Name of the most backward area	Contribution in GER by the university (expressed as % of the district)	Increment targeted by 2029
<b>Gadchiroli District (GER – 5.36)</b>		
Sironcha	1.03	3.0
Mulchera	2.02	3.50
Desaiganj	4.24	5.50
Korchi	5.0	6.50
<b>Chandrapur District (GER – 7.22)</b>		
Sawli	1.44	2.50
Pombhurna	1.44	2.50
Gondpipri	2.43	4.0

Jiwti	3.33	4.50
Mul	4.06	5.50
Ballarpur	4.14	6.0
Korpana	4.23	6.5
Rajura	4.57	7.0

### GER (NT)

Name of the most backward area	Contribution in GER by the university (expressed as % of the district)	Increment targeted by 2029
<b>Gadchiroli District (GER – 2.25)</b>		
Korchi	0.53	1.50
Mulchera	1.20	2.50
Dhanora	1.42	3.0
Sironcha	2.67	4.0
Etapalli	2.80	4.0
<b>Chandrapur District (GER – 6.19)</b>		
Gondpipri	1.45	2.50
Pombhurna	1.49	2.50
Sawli	2.62	3.50
Sindewahi	3.59	5.0
Nagbhid	3.59	5.0
Chimur	4.17	6.0
Korpana	4.23	6.0
Rajura	4.30	6.0
Warora	4.44	6.0

### Equity

Initiatives	Current Status	Envisaged by 2029
Number of Equal opportunity Cells	26	20
How many departments and colleges have facilities for physically challenged Students	32	180
Number of Schemes for special needs of tribal and disadvantaged groups	10	As applicable from time to time
Number of students benefitting from scholarships/Schemes for economically and socially challenged students	43,606	55,000
Schemes for special needs of transgender	Nil	01

## 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 2029
212	30	182

### Number of colleges accreditation with NAAC “A” Grade

Number of Affiliated colleges	Colleges with A grade Currently	Proposed by 2029
212	02	10

### Number of Technical Programmes with NBA accreditation

Number of Technical Programmes across all affiliated colleges	Current status	Envisaged by 2029
06	02	04

### Number of Technical Programmes Accredited with Tier I (WA) under NBA

Number of Technical Programmes across all affiliated colleges	Current status	Envisaged by 2029
06	02	04

### Academic Audit

Particulars	Current status	Envisaged by 2029
University Departments	12	05
Affiliated colleges	173	39

### Decentralization of University administration

Particulars	Current status	Envisaged by 2029
Satellite Centre's,		
Sub-campuses and Sub-Centers	Nil	01
Autonomous Departments	Nil	02
Autonomous Colleges	Nil	02

## Timely declaration of results

### Average time period (in days) between end of examinations and declaration of results

Programme	2019	2020	2021	2022	2023	Target for 2029
Non-professional courses	25	15	15	16	17	20
Professional courses	30	20	15	16	17	20

## 2.4 Developing R&D partnership with Industry:

### Number and type of industries engaged with

Type of Industry	Current status	Envisaged by 2029
Manufacturing/Production	09	50
Services	14	60
Agro-based	03	25
Others	19	70
Total	45	205

### Details of engagement with industry

Type of engagement	Current status	Envisaged by 2029
Industrial Consultancy	12	50
Technology Transfer	16	25
MoUs/Collaborations	83	150
Number of faculty working on industrial projects	25	200
Number of students working on industrial projects	377	1000

### Number of patents / IPRs

IPR / Copyright	Current status	Envisaged by 2029
Patents granted	20	10
Patent published	50	25
Copyright	02	05
<b>Total</b>	<b>72</b>	<b>40</b>

## 2.5 Engagement with regional economic development and aspirations:

Details of engagement of university with local bodies (ZillaParishadsGrampanchayatetc) and social programmes in the form of consultancy, third party assessments/ M&E of Jalyuktshivar works, RWS Scheme, Unnat Bharat Abhiyan, UnnatMaharashtraAbhiyan, Swatch Bharat, Other Government Schemes, GPDG Preparation.)

Details	Current status	Envisaged by 2029
Number of engagements	199	300
Number of faculty involved in	392	600
Number of students involved in	5897	10000

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

Details	Current status	Envisaged by 2029
Number of engagements	47	80
Number of faculty involved in	31	70
Number of students involved in	841	1500

## 2.6 Development of skills and entrepreneurship :

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

Details	Current status	Envisaged by 2029
Number of Skill Courses	20	116
Number of courses for Entrepreneurship / Entrepreneurship Development	02	03

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

Programs	Current status	Envisaged by 2029
<b>Professional</b>		
1. Engineering	06	10
2. Management	01	01
PG non-professional	Nil	29
UG	01	29

### Details of Centre's for technology dissemination and incubation / innovation centers

Name of University Department / college	Current status	Envisaged by 2029
All University Departments	01	01
All Affiliated Colleges	02	171

### Placement cells

Particulars	Current status	Envisaged by 2029
Number of Placement Cells in University Departments and Affiliated Colleges	33	179
Number of students covered by the placement cells	2341+250=2591	8000
Number of students actually placed	337	800

## 2.7 Making the university a cultural power house in a region

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

Details	Current status	Envisaged by 2029
Fine Art	Nil	01
Performing Art	Nil	01
Liberal Art	Nil	01
Folk Art	Nil	01
Tourism and Hospitality	01	01
Any other art forms	Nil	01
<b>Total</b>	<b>01</b>	<b>06</b>

### Details of centre's proposed for preservation/study/appreciation of local culture / History / art forms

Sr. No.	Name of the Center	University / Affiliated college	Existing / Proposed
1	Karmayogi Baba Amte Study Centre	University	Proposal for Rs. 4.13 Cr forwarded to Department of Higher and Technical Education, Govt of Maharashtra
2	Tribal Study Centre	University	Proposal for Rs. 78.78 Lakhs forwarded to Department of Higher and Technical Education, Govt of Maharashtra
3	Dr Babasaheb Ambedkar Study Centre	University	Proposal for Rs. 55.09 Lakhs forwarded to Department of Higher and Technical Education, Govt of Maharashtra
4	Pandit Dindayal Upadhyay Integral Humanism Centre	University	Proposal for 4.13 Cr forwarded to Department of Higher and Technical Education, Govt of Maharashtra
5	Rashtrasant Tukdoji Maharaj Study Centre	University	Proposal for Rs. 4.22 Cr. forwarded to Department of Higher and Technical Education, Govt of Maharashtra
6	Jagadguru Sant Tukaram Maharaj Study Centre	University	Envisaged during 2023-24
7	Mahatma Jyotiba Phule Study Centre	University	Envisaged during 2023-24
8	Lokkavi Waman Dada Kardak Study Centre	University	Envisaged during 2023-24
9	Chhatrapati Shivaji Maharaj Study Centre	University	Envisaged during 2023-24

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

Name of University department/college	Current status	Envisaged by 2029
University Departments and Affiliated Colleges	173	217

### 2.8 Focus on students' welfare

Details	Current Status	Envisaged by 2029
Career counseling and guidance Centre	32	180
Number of students counseled and guided per year	20,969	45000
Number of courses conducted per year on life skills and value education	12	70
Number of students of covered per year by the courses on life skills and value education	7791	32000
Number of training centers for preparation of competitive examinations	14	198
Number of students covered per year by the Centre for training in competitive examinations	7238	45000
Number of 'Learn and Earn' schemes for students	01 scheme 28 colleges and PGTDs	01
Number of students benefitting from 'Learn and Earn' schemes	873	1500

### 2.9 Achieving excellence in sports

Details	2019	2020	2021	2022	2023	Target for 2029
Health, fitness and sports facilities (% satisfaction level)	65	70	NA	70	75	100
Number of student participating at state level competition	300	350	NA	395	500	1000
Number of student participating at National level competition	550	600	NA	620	650	800
Number of student participating at Asian level competition	Nil	Nil	Nil	Nil	Nil	05
Number of student participating at Olympic/ International level competitions	Nil	Nil	Nil	Nil	Nil	05

Source: Department of Sports and Physical Education, Gondwana University

### 2.10 Academic leadership in national and global contexts

#### University Ranking

Ranking and Agencies	2019	2020	2021	2022	2023	Target for 2029
NIRF	NA	NA	NA	NA	Participated	150 - 200
Asia University Ranking	NA	NA	NA	NA	NA	Participation will be attempted only after securing NIRF Ranking
QS BRICS Ranking	NA	NA	NA	NA	NA	
QS Ranking (World)	NA	NA	NA	NA	NA	
World University Ranking	NA	NA	NA	NA	NA	

## Number of PhD per year

Faculty	2019	2020	2021	2022	2023	Target for 2029
Science	9	12	16	23	46	32
Engineering & Technology	1	2	11	3	8	9
Sociology, Economics, Political Science	9	7	15	14	46	34
Humanities & Arts	13	0	7	9	27	14

Source: Ph. D. Cell, Gondwana University

## Key research areas for next five years (2024-29)

Faculty	Key Research Areas
Science	- Climate change and global warming
	- Exploration of medicinal plants used by Gond Tribes against common human diseases
	- Production of quality tissue culture bamboo plants through plant tissue culture
	- Vegetation and soil development on reclaimed waste dumps of coal mines
	- Evaluation of multidrug resistance development among human pathogen
	- Ambient Air Quality Analysis
	- Water and Environmental Science
	- Water Management
Engineering and Technology	- Medicinal plants and ethno-botany
	- Green Energy and Green Technology
	- Wireless communication & sensor networks
	- Promoting and tapping non-renewable energy sources
	- Solar energy, conservation and management
	- Design of energy efficient processes and products
	- e-waste waste management
	- Municipal solid waste management, recycling and land use
	- Eco friendly construction designs, building materials and products
	- Development and application of environmentfriendly mining methods & equipment
	- Design and development of Biomedical electronics engineering devices
	- Supply chain management
	- Geospatial Big Data Analytics for Agriculture Information System
	- Image Processing
- Video Processing (Event Detection)	
- Database Query Optimization	



Faculty	Key Research Areas
	- Data Mining
	- Computer Graphics & Animation
	- Speech and Music Processing
	- Computer System Security
	- Product design, innovation and entrepreneurship
	- Tribal Technology
	- Tribal Architecture
Sociology, Economic, Political Science	- Eco and tribal tourism
	- Socio economic issues
	- Micro finance
	- Logistics
	- Sales & marketing management
	- Public Policy, Governance and Economics
	- Minor Forest Produce
	- Forest Management
	- PESA
	- Tribal sociology and economy
	- Tribal products
Humanities and Arts	- Characterization of the tribal culture
	- Translation of the Gondi- Madia stories
	- Assimilation of the traditional knowledge of tribes
	- Translation/transcreation of the tribal literature
	- Cultural transition in the region
	- Capacity building of the translator/s
	- Studies in Culture and History
	- Indological Studies
	- Tribal Art
	- Tribal History
	- Tribal Linguistic
	- Tribal tradition and customs
	- Tribal drama and music

### 3.0 Rationale and Background Data

- 3.1 The data on enrollment of students suggests that almost in all the faculties, the seats are vacant. Therefore, there is dire need of enhancing student enrollment (GER) across the university region. (Refer Annexure-1)
- 3.2 GER of Gadchiroli and Chandrapur districts are 14.71 and 23.73 resp. which are below State and National average. There are several low GER hot-spots in this area namely Bhamragarh, Korchi, Sironcha, Etapalli, Dhanora, Mulchera, Pombhurna, Sawli, Korpana, Jiwti and Mul. It is therefore, new locations are proposed in these areas alongside multidisciplinary programs relevant to the region with an object not only to enhance GER but also to provide them employment opportunity. These programs will be designed as per the provisions of NEP 2020. (Refer Annexure-2)

- 3.3 About 17.34% of colleges are accredited by NAAC and 1 by NBA, 16.18 colleges are in the process of re-accreditation. For rest of the non-accredited aided / un-aided colleges, the University has initiated with positive interventions like meetings with Principals and Governing Trusts, Mentoring Sessions etc. under the Parisparsh guidelines, in a manner to ensure accreditation in due course of time.(Refer Annexure-3)
- 3.4 A large number of talukas in the local region have sizeable population below poverty line. Also, majority of population does not have access to clean drinking water, health, electricity and for remotely located ones to the education. Therefore, it is required for the University to initiate kind of educational programs which empowers them with skill sets suiting to their needs. Similarly, while taking care of their social fabric, programs have been devised to benefit the local population in terms of livelihood option management in a manner to fetch them to national stream. Considering this, a large number of programs and skill-based courses relevant for the local region have been identified and started by our constituent Model Degree College and Science and Technology Resource Center. Some of the prominent programs are FYUGP-VidyapithAplyaGawat (B.A. in Social Sciences), BBA in Forest Management and Eco-Tourism, One Year diploma in Accounts and Auditing and Social Program on addiction in rural community (SPARC). Apart from this, University is acting as a catalyst to implement various Govt. schemes in the region. Both these aspects are integrated in Perspective Plan. (Refer Annexure-4)
- 3.5 Chandrapur district under the university jurisdiction, is industrialized to the extent that, is 5th polluted city of the nation. Considering presence of minerals in abundance, is prominently host to coal mining, steel, power and cement manufacturing apart from paper owing to presence of significant forest resources. The population as on date stands at 22,04,307 spread across 15 talukas with working population of 65.4% and having literacy rate of 80.01%. The economics of the districts is primarily governed by the sectors like trade & hotel 12%, mining 12%, construction 10%, finance, real estate, agriculture and other services 9% each, manufacturing 13% and remaining 17% includes transport, communication, public administration and communication. The district is host to over 160 affiliated colleges which includes sizeable number of science, engineering, management, commerce, humanities colleges alongwith a law and pharmacy college. NSDC skill report and KPMG skill gap report 2019 indicated some of the potential sectors across the Chandrapur district where-in growth potential exist. It embraces high economic growth sectors as Food Processing, Chemical & chemical products, machinery & equipment, Automotive including transport equipment, IT & ITeS, Real estate, Education & Healthcare; High incremental employment potential sectors as Agriculture, Transportation, Public Administration & Administrative services, Education and Healthcare and High Aspiration Sectors as Public Administration & Administrative services and Agriculture & Allied.

On the other hand, Gadchiroli district, with its 1st steel Manufacturing Plant likely to commence industrial production as medium scale industry, inhibits tribals in a forested and mineral rich area. The population as on date stands at 10,72,942 spread across 12 talukas with working population of 36.6% and having literacy rate of 66.03%. The economics of the districts is primarily governed by the sectors like services 61%, agriculture 22% and industries 17%. As far skilling infrastructure is concerned, the district lacks heavily to the extent that it is classified as the aspirational by Niti Aayog and tribal by UGC. This is proved by the presence of only engineering diploma institute, 16 ITI's and 12 vocational training providers across the district. NSDC skill report and KPMG skill gap report 2019 indicated some of the potential sectors across the Gadchiroli district where-in growth potential exist. The major potential growth sectors and manpower demand are from Agriculture allied animal production, Fisheries, Bamboo Fabrication, Tourism and Handicraft areas. Whereas District wise microskill training analysis and findings for Gadchiroli indicated areas like hospitality, construction, bedside assistant, automobile, electrician, welding, food processing, retail, logistics, chemicals, healthcare etc.

Against this backdrop, we envisage to offer multi-disciplinary programs, skill based courses suiting to the local region, and a University conducted engineering, pharmacy and law college at its new campus. (Refer Annexure-5)

- 3.6 MSME industries consists of food, beverages, wooden products, paper, non-metallic mineral products, chemical and chemical products, repair and maintenance, civil engineering and construction, etc. Majority of the skills required for these MSMEs can be implemented through courses prescribed by respective sector specific skill councils.(Refer Annexure-6)
- 3.7 Agro-based industries of the region primarily consist of rice mills, ice cream factory and soyabean processing units. In view of this, skill-based certificate courses on rice processing, dairy technology and oil seed processing are proposed.(Refer Annexure-7).
- 3.8 Industry in the areas of craft handloom and local products, two industries have been identified in the region, the tasar silk and ceramic. The ceramic is based on local natural resource. Consequently, skill courses in sericulture and pottery making is envisaged.(Refer Annexure-8).
- 3.9 The region is blessed with biologically diverse forest having variety of minor forest produce including medicinal plants. Therefore, certificate courses in herbal medicines, MFP process etc are proposed. The region is also blessed with lot of tourist spots like Tadoba Tiger Project, Wild life sanctuaries, Ancient temples etc. The employment and startup opportunities in wild life tourism and tribal tourism are enormous in these areas. In Perspective Plan such type of courses are identified and integrated in the curriculum.(Refer Annexure-9).
- 3.10 The scope of fine arts, animation, liberal arts are enormous owing to sizeable tribal population. Apart from this, considering the presence of forested area, scope for wild life photography / tourism do exists and hence kind of skill-based courses are proposed.(Refer Annexure-10).
- 3.11 All stake holders demanded skill-based courses commensurate to the requirement of local industries and societal needs of the region. There is also demand for woman and night colleges in science, law and commerce faculties and are incorporated in the Perspective Plan accordingly.(Refer Annexure-11).

#### 4.0 Proposed Action plan

As per this five-year perspective plan for the year 2024-29, it is proposed to adapt exhaust system for location plan in consonance with the Five-Year Perspective Plan commencing from 2024 with 2029 being the terminal year. For other envisaged developmental issues, they are planned for the coming 5-year period hence year wise break-up not provided.

Year 1 (2024-25):
(1)
(2)
(3)
Year 2 (2025-26):
(1)

(2)
(3)
Year 3 (2026-27):
(1)
(2)
(3)
Year 4 (2027-28):
(1)
(2)
(3)
Year 5 (2028-29):
(1)
(2)
(3)

## 5.0 Strategies and Modes of Implementation

### 5.1 New Locations

Total 57 locations are proposed incorporating 7-woman colleges, 3 colleges for deaf and dumb, 16-night colleges, 01 conducted engineering, law and pharmacy college each, 23 traditional colleges and 8 satellite centers for the unreached areas. Details are appended with Annexure 12, 15, 16, 17, and 18.

### 5.2 Equity

#### ❖ Equal opportunity cells :

Currently, 26 university departments and affiliated colleges have 6 type of equal opportunity cells like Cultural Cell, Special Camps, Career Guidance Cell, Remedial Coaching Cell, Population Education Cell and Student Adoption Committee / Cell. It is proposed to add another 20 cells across university departments and number of affiliated colleges having vivid objectives as specified in relevant UGC guidelines.

#### ❖ Facilities for physically challenged students:

Currently 12 PG departments and 32 affiliated colleges have facilities such as Access/Walking Ramp, Lavatory, Cycle / Wheel chair, Examination & Classes at ground floor, Front seating arrangement within the classroom etc. By 2029, it is proposed to consolidate these facilities in the remaining 180 affiliated colleges, and proposed 5 PG departments.

❖ **Number of schemes for special needs of tribal and disadvantaged groups:**

Currently we have offered following schemes to such groups other than prevailing Govt. schemes.

- Free Hostel facility at campus
- Food subsidy through Krantiveer Baburao Shedmake Earn and Learn Scheme

❖ Number of students benefitting from scholarships/schemes for economically and socially challenged students are 37,432 during the year 2017-18. We envisage to benefit 60,000plus students by the year 2024-25.

<b>Current Status</b>					
<b>Integrated Tribal Development Project (ITDP) – Scholarship Scheme for ST students</b>					
<b>Year</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>
Gadchiroli	3978	3681	4160	4351	3062
Chimur	3632	3384	3900	3918	3672
Chandrapur	4043	3869	4577	4516	2431
<b>Sub-Total: 1</b>	<b>11,653</b>	<b>10,934</b>	<b>12,637</b>	<b>12,785</b>	<b>9,165</b>
<b>Students availing scholarship from Department of Social Welfare</b>					
<b>1. Scholarship Scheme for SC students</b>					
<b>Year</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>
Chandrapur	12,170	11,445	13,800	14,141	14,453
Gadchiroli	NA	NA	NA	NA	NA
<b>2. Scholarship Scheme for OBC students</b>					
<b>Year</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>
Chandrapur	21,769	21,121	24,480	24,917	25,700
Gadchiroli	NA	NA	NA	NA	NA
<b>3. Scholarship Scheme for SBC students</b>					
<b>Year</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>
Chandrapur	1047	782	954	1032	1101
Gadchiroli	NA	NA	NA	NA	NA
<b>4. Scholarship Scheme for VJNT students</b>					
<b>Year</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>
Chandrapur	4763	4592	5308	5504	5799
Gadchiroli	NA	NA	NA	NA	NA
<b>5. Freeship Scheme for SC students</b>					
<b>Year</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>
Chandrapur	602	566	626	524	477
Gadchiroli	NA	NA	NA	NA	NA
<b>6. Freeship Scheme for OBC students</b>					
<b>Year</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>
Chandrapur	1879	1595	1467	1280	1174
Gadchiroli	NA	NA	NA	NA	NA

<b>7. FreeshipScheme for SBC students</b>					
<b>Year</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>
Chandrapur	129	89	95	85	84
Gadchiroli	NA	NA	NA	NA	NA
<b>8. FreeshipScheme for VJNT students</b>					
<b>Year</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>
Chandrapur	432	380	400	365	375
Gadchiroli	NA	NA	NA	NA	NA
<b>Sub-Totals</b>					
<b>Chandrapur</b>	<b>42,791</b>	<b>49,270</b>	<b>47,130</b>	<b>47,848</b>	<b>49,163</b>
<b>Gadchiroli</b>	<b>9,357</b>	<b>8,700</b>	<b>9,423</b>	<b>9,592</b>	<b>7,717</b>
<b>Sub-Total:2</b>	<b>52,166</b>	<b>57,970</b>	<b>56,553</b>	<b>57,440</b>	<b>56,880</b>
<b>Grand Total</b>	<b>63,819</b>	<b>68,904</b>	<b>69,190</b>	<b>70,225</b>	<b>66,045</b>

Source: Department of Social Welfare and ITDP, Gadchiroli, Chimur and Bhadravati

#### ❖ **Schemes for special needs of transgender**

Currently we do not have any such schemes. However, by 2029 we propose to have need based specific scheme for transgenders.

#### ❖ **Decentralization of University administration**

Head Quarters being located at Gadchiroli, sub-centrefor Chandrapur is approved by Govt. with allocation of 8.5 acres of land. It is envisaged to offer professional courses in science, engineering, pharmacy, law and management considering the demand from local industries. (Refer Annexure 12)

### **5.3 New Courses**

Total 109 new degree programs and courses have been proposed which includes 51 certificate courses relevant to the local region and sector specific certificate skill courses as prescribed by NSDC, 40-degree programs under the faculty of humanities, science & technology and commerce & management, 13 PG programs, and 5 diploma/certificate courses in various art forms. Details are appended with Annexure 13.

### **5.4 Implementation of NEP 2020**

CBCS is implemented across all Faculties encompassing affiliated colleges as well as university department from the session 2016-17 for all P.G. courses. At the same time, it is implemented from the session 2017-18 for all U.G. programs.

As per State directives, all PG programs offered from the session 2023-24 are NEP 2020 compliant and that the UG programs as per NEP 2020 shall be implemented from the session 2024-25.

### **5.5 Engagements for regional economic development and aspirations**

#### **- Science and Technology Resource Centre (Conceived and Funded by RGSTC, Mumbai)**

The university has signed MoU with RGSTC, Rajiv Gandhi Science and Technology Commission, Mumbai for a joint project of Science and Technology Resource Center (STRC) with a cost support of Rs. 15.72 Crores. The primary focus of the center is on the forest produce and livelihood concern of the tribal region. The center is contributing by designing/catalyzing products, services and practices along with upgrading human resource that deliver all round local for the development in partnership with local communities. This concept, recognized as Sustainable Value Creation, defines the core theme for STRC.

The impact driven roadmap and objectives of STRC encompasses the following broad thematic such as;

1. Program design in Appropriate S & T based livelihood interventions
2. Applicable R & D and incubation for low-cost technology, its transfer and adoptions
3. All round human capacity development through knowledge, skill and technology
4. Rural enterprise development around natural resources for sustainable income generation
5. Communication for Development through ICT to maximize STRC's intervention reach and associated extension activities

Key focal areas under above listed five programs vertical were defined based on the local resources available and the need for technology and specially designed Projects and Initiatives were implemented by STRC-GUG in Gadchiroli and Chandrapur Region.

### Highlights of the Project Outcomes

Programs	Program Nature and Outcomes	Collaborative Partner
Vaidya Chikitsalay	A unique platform to promote traditional healers and their healing practices among local citizens.	In-house initiative
Vaidu Directory	Documentation of Plant Based Healing Practices of Local Traditional	In-house initiative
Environment Education program for Tribal schools	Environment Education Oriented Learning Modules: 05 Total Schools participation : 10 Student Participation: 300+	Integrated Tribal Development Project, Gadchiroli
Farmers Open School	Target Farmers Groups: 5 Farmers Registered: 100 Learning Modules: 05	In-house initiative and need based support KVK and ATMA, Gadchiroli
Community Outreach	Website Viewership: 11,300 Social Media : 7500 Publications: Newsletters, Documentary, Resource Document (Vaidu Directory)	Gondwana University
Mobile Demonstration Unit	A van-based audio-visual interactive platform cutting across multiple program verticals, used as a tool to generate awareness, disseminate information, demonstrate appropriate low-cost technologies, facilitate its smooth transfer & adoption and showcase best practices to enable local communities make informed choices.	In-house initiative
Bamboo Artisan Centric Self Help Groups	Women SHG members : 30 Commercial Scale Production: 03 products Revenue Generated: INR 50,000	In-house initiative
Common Facility Centre (CFC) at Kondawahi	CFC Members: 07 Assets Developed: CFC equipped with Bamboo tools and Machinery Revenue Generated: INR 50,000	In-house initiative

<b>Programs</b>	<b>Program Nature and Outcomes</b>	<b>Collaborative Partner</b>
Network of Minor CFCs	Network of Minor CFCs with sustained revenue generation for 05 individual households artisan through supply of bamboo raw material to MPU- STRC and SHG groups	In-house initiative
Primary Processing Centre for NTFPs at Dhanora	PPC Beneficiary base: 200 Families Assets Developed: 03 storage Facility Tools & Technology :02	District Administration
Aquaculture based Women Self-help groups and Fisherman Interest Groups (FIGs)	WSHG Groups: 08 Members on-boarded: 96 FIGs formed: 04 FIGs Members On boarded: 120	MAFSU- Nagpur
One Year Diploma in Bamboo Entrepreneurship and Design	Batch I- 7 students Batch II- 10 Students	IDC-IIT Bombay
Technology Transfer	<ul style="list-style-type: none"> <li>• Portable Carp Hatchery</li> <li>• Bamboo Cutter (BARC)</li> <li>• Weeder-cum-harvester</li> <li>• Bamboo Seed Spacer,</li> <li>• Bamboo composite Poultry-shed</li> <li>• Sustainable Harvesting- Package of Practice</li> <li>• Package of Practice- Paddy, Vegetable</li> </ul>	In-house initiative
STRC Assistance for S & T Application Scheme	Research scheme for faculties, researchers and students, aimed at funding short-term R & D and incubation grants of relevance to STRC-GUG. Projects Granted: 04 Completed Projects: 0	In-house initiative
Package of Low- Cost Tools	Low cost bamboo craft tools (Width Sizer, Weaving Comb, Petal bending tool, Coiling Assembly)	In-house initiative

## **Ekal : Gramsabha Empowerment Program**

**“Strengthening Gramsabhas with Community Forest Rights through Capacity Building and Training in activities related to minor forest produce through People’s participation”** – A collaborative project between District Administration, Gadchiroli and Gondwana University, Gadchiroli. The cost of the project is Rs. 3.0 Crore. No of target beneficiaries is 10,72,942 from 1430 Gram Sabhas having Community Forest Rights under Forest Rights Act, 2006.

### **Project Objectives**

In the tribal and aspirational district Gadchiroli, through this project, the district administration in association with Gondwana University is focusing on following aspects.

1. To facilitate the process of making policies at Gram Sabha level more responsive to linkages between sustainable tribal livelihood and biodiversity conservation



2. To enhance the capacity of Gram Sabha, Community and other institutions in development, management and implementation of Forest Conservation and Management Plan
3. To develop an institutional and administrative set up to support Gram Sabhas in matters related to minor forest produce i.e. marketing, issuing transit permits and processing.

### Project Performance

- No. of Gramsabhas signed MOU = 327
- No. of Gramsabhas trained till date = 257
- No. of Gramsabha representatives trained till date = 13

### 5.6 Development of skills, entrepreneurship and Generation of Startups

The university has earmarked 7 acres of land from existing campus of 17 acres as skill campus. This campus is host to ;

- Model Degree College (MDC transferred from RTM Nagpur University in 2021)
- Centre of Invention, Innovation, Incubation and Training (CIIT)
- Ekal Gram Sabha Capacity Building and Training Centre

Currently offered courses in skill development and entrepreneurship are as follows.

SN	Skill and entrepreneurship courses	Duration	Offered by
1	B.B.A. (Forest Management & Eco-Tourism) (Apprenticeship/Internship Embedded Degree)	4 years	Model Degree College (Constituent College)
2	1. Diploma in Accounts & Auditing 2. Diploma in Social Program on Addiction in Rural Community (SPARC) 3. Diploma in New Media Journalism 4. Diploma in Bamboo Design and Entrepreneurship	1 Year	Model Degree College (Constituent College) Science and Technology Resource Center, GuG
3	Certificate Course for Practicing Accountant	1 Year	Model Degree College (Constituent College)
4	Certificate courses in; 1. Herbal Medicines 2. Honey Production 3. Mushroom Production 4. Wild Life Tourism 5. Laboratory Equipment Repair 6. Computer C, C++ Language 7. Computer Hardware, Repair & Maintenance 8. Tally Accounting 9. Tribal Tourism 10. Sericulture 11. Solar Technology 12. Soil Analysis 13. Tax Consultant (GST) 14. Aquaculture 15. Rice Processing 16. Event and Hospitality Management	2-3 months/180 Hours	5 Affiliated Colleges

SN	Skill and entrepreneurship courses	Duration	Offered by
	17. Accounting 18. Tailoring & Fashion design. 19. Computer Operator (Marathi & English Writing) 20. Travel and Tourism 21. Physico-Chemical Laboratory Analysis Techniques		

### ❖ **TRICEF – TribeTech Community Entrepreneurship Foundation Incubation Centre**

Maharashtra State Innovation Society under the aegis of Ministry of Skill Development, Entrepreneurship and Employment, Govt. of Maharashtra has granted Category-I Incubation Centre in August'2022 having financial assistance of Rs. 5.0 Crore over the period of 5 years and target of 25 Startups.

Considering the typical geographical character of the university region alongside available local resources, we have identified 8 sectoral verticals for incubation as minor forest produce, bamboo, agriculture, aquaculture, tourism, ethnomedicine, panchgavya and drone techniques.

The offerings of the Tricef Incubation Centre include; Accelerator program, Early-Stage Startup Program, Stakeholder Engagement Program for incubation of Gram Sabhas based on the concept of community entrepreneurship as flagship program, Rural Digital Entrepreneur, Tricef fellow and Tricef internships.

So far 10 Startups have been registered from various sectors/subjects like minor forest produce based products, drone surveys and studies, panchgavya, hybrid kit, low cost bluetooth device, oyster and button mushroom, grass broom, digital marketplace, tribal artefactsetc.

### ❖ **Other Details like mandatory internships / in-plant trainings**

We have instituted Four Year Under Graduate Programs namely BBA (Forest Management and Eco-Tourism) and BA in Social Sciences (Outreach degree program for college drop outs) embedded with internship and on job training.

As part of NEP 2020 Implementation from the session 2023-24, we have designed our traditional UG and PG program embedded with internships and field projects.

Currently in-plant training and internship facilities are extended by Forest Department, Agriculture Department, major industries located in Chandrapur district like CSTPS, Durgapur, Steel Plants like MEL, Chandrapur and Llyods Steel, Ghugus, Cement Plants like Manikgarh, Ambuja, Ultratech, Dalmia, Reliance and ACC, paper industry like Ballarpur Industries Ltd Ballarpur and coal mines within the region and belonging to the Western Coalfields Ltd Nagpur.

By 2029, it is envisaged to generate graduands having exposure to compulsory need based internship / on job training in local industries from non-professional/traditional UG and PG programs.

## **5.7 Students and teacher welfare initiatives**

University head-quarter being recognized as economically backward district having low GER, we have initiated number of welfare schemes with an object to boost enrolment at campus as well as at affiliated colleges. Some of the noted schemes are as follows.

- Free education for all at campus of the university.
- Free hostel facility for campus inmate students.
- Food subsidy for hostel inmates of the campus.
- Krantiveer Baburao Shedmake “Earn and Learn Scheme” for campus and affiliated college students with a budgeted provision of Rs. 60 Lakhs.
- Personality Development Initiatives with a budgeted provision of Rs. 50 Lakhs.
- Special skill development for tribal students with a budgeted provision of Rs. 10 Lakhs.
- Financial assistance towards TA, Accommodation and Food for Participation in Conference, Seminars, Workshops with a budgeted provision of Rs. 10 Lakhs.

- Financial assistance of 50% for Excursion and Industrial Visits with a budgeted provision of Rs. 50 Lakhs.
- Doctoral Research Fellowship Scheme with a budgeted provision of Rs. 50 Lakhs.
- Financial assistance for filing Patents/Copyrights/Trade Marks/G.I. with a budgeted provision of Rs. 30 Lakhs.
- Financial assistance for carrying research projects/studies with a budgeted provision of Rs. 50 Lakhs.
- Literature Festival Schemewith a budgeted provision of Rs. 10 Lakhs.
- Online Program/Courses Incentive Scheme with a budgeted provision of Rs. 30 Lakhs.
- Scopus Publication Schemewith a budgeted provision of Rs. 50 Lakhs.

## 5.8 Achieving excellence in sports

Names of the sports in which students have excelled in National, Asian and International Competitions

1. Archery
2. Grappling
3. Boxing
4. Karate

Specific high achievements by the students in National, Asian and International Competitions

Sr. No.	Name of the Participants	Form of the sports / Event	Achievement	Period
1	Ku. Jaylaxmi Sarikonda	Archery	Bronze	2017-18
2	Sagar Davinder Singh	Grappling	Gold & Silver	2018-19
3	Sangita Maroti Rumale	Boxing	Silver	2018-19
4	Sangita Maroti Rumale	Boxing	Bronze	2019-20
5	1) AnkushMulewar			
	2) Asrat Ali			
	3) ChetanLohkare			
	4) Sheikh Shahebaz Abdul Gazanfar			
	5) MarotiMandhare			
	6) Siddiki Mohammad Muhafiz Sheikh			
	7) KshitijVigam			
6	Siddiki Mohammad Muhafiz Sheikh	Karate (Individual)	Bronze	2019-20
7	1) AkshayHanmante	Woodball (Men Team)	Bronze	2019-20
	2) MayurGothe			
	3) MayurBhoyar			
	4) AmolBawankar			
	5) SarthakKhadse			
8	4th Place	Kabaddi Team	--	2019-20
9	Sagar Rathi	Grappling	Gold	2021-22
10	Hira Yadav	Wushu	Bronze	2021-22
11	RoshanSalunkhe	Archery	Khelo India Selection	2021-22

Sr. No.	Name of the Participants	Form of the sports / Event	Achievement	Period	
12	1) KunalDatarkar	Mallkhamb (Men Team)	Khelo India Selection & 6th Place in All India Mallkhamb Championship	2021-22	
	2) NileshDadmal				
	3) AkashayNikhate				
	4) HarshalDhande				
	5) Aditya Dave				
	6) AishwaryYete				
13	1) RavindraBhurse	Stroke Hit Mini Golf (Men)	Bronze Medal (Men)	2021-22	
	2) AdityaSatpute				
	3) Nikhil Bramhanwade				
		4) PrajwalSonalwar			
		5) Nikhil Jambhulkar			
		6) VaibhavBawane			
		7) VandeshFulzele			
14	1) KajalGonkule	Stroke Hit Mini Golf (Women)	Silver Medal	2021-22	
	2) PreranaGedam				
	3) SnehalTumbde				
	4) Paleshwari Mulkalwar				
	5) Nita Bawane				
	6) ShiraniRohankar				
	7) ShraddhaRaipure				
15	1) RaginiKulyami	Fairway (Double) Mini Golf	Silver Medal	2021-22	
	2) Priyanka Ijgilwar				
16	1) AnuSatpute	Fairway (Mix) Double Mini Golf	Silver Medal	2021-22	
	2) PranayMasram				
17	1) LaxdipMadavi	Stroke Mix (Double) Mini Golf	Gold Medal	2021-22	
	2) PrajaktaGahukar				
18	1) KshitijVigam	Karate (Team Kata)	Silver Medal	2022-23	
	2) ChetanLohkare				
	3) Shubham Yengantiwar				
19	AnkushMulewar	Karate (Individual Kumite)	Bronze Medal	2022-23	
20	GauravHichami	Wushu (Sansu)	Bronze Medal	2022-23	
21	SejalGaddewar	Wushu (Tawlu)	Bronze Medal	2022-23	
22	ShubhamChavhan	Wushu (Tawlu)	Bronze Medal	2022-23	
23	RutujaWasnik	Wushu (Tawlu)	Bronze Medal	2022-23	

## 5.9 Strengthening linkages with Institutions and Organizations

With an object to Strengthen linkages with Regional/National/International Organizations, we have entered in agreement with below listed institutions having functional MoUs.

Sr. No.	Organisation with which MoU is signed	Name of the institution / industry / corporate house	List the actual activities under each MOU year wise	Number of students/ teachers participated under MoUs
1	MITCON Consultancy & Engineering Services Ltd., Pune, Maharashtra	1. MITCON Consultancy & Engineering Services Ltd., Pune, Maharashtra	1. Workshop for Training and Placement Officers of affiliated colleges of the University on 27.7.2021	36
		2. Gondwana University, Gadchiroli	2. Professional Development Training Program for Non-teaching Employees of the University on 19-20 Oct'2022	121
2	DeveLearn Data Sciences Institute, Mumbai (owned by DeveLearn Technologies Private Ltd., Mumbai)	1. DeveLearn Data Sciences Institute, Mumbai (owned by DeveLearn Technologies Private Ltd., Mumbai)	1. Interactive workshop on LMS using AR/VR platform on 24.7.2021	110
		2. Gondwana University, Gadchiroli	2. Faculty Development Program for faculties on advanced tools for effective delivery of curricula and evaluations from 30.3.22 to 7.4.22	19
3	Research for Resurgence Foundation (RFRF), Nagpur	1. Research for Resurgence Foundation (RFRF), Nagpur	1. Know Your Rivers - A Campaign for Crowd Sourcing of Data about Rivers on 15.11.2021	7
		2. Gondwana University, Gadchiroli	2. Support to university for complying with pre-requisites of NAAC (2022-23)	Not applicable
4	Government College of Engineering, Chandrapur	1. Government College of Engineering, Chandrapur	One week internship to professional and non-professional students through innovation centres of CIIT from 18.10.2021 to 29.10.2021	200
		2. CIIT, GCOE, Chandrapur		
		3. Gondwana University, Gadchiroli		

<b>Sr. No.</b>	<b>Organisation with which MoU is signed</b>	<b>Name of the institution / industry / corporate house</b>	<b>List the actual activities under each MOU year wise</b>	<b>Number of students/ teachers participated under MoUs</b>
5	The Institute of Company Secretaries of India (ICSI), Nagpur	1. The Institute of Company Secretaries of India (ICSI), Nagpur	1. Mega Career Awareness Program on 24.7.2021	46
		2. Gondwana University, Gadchiroli	2. Establishment of Nine CS Study Centers at Affiliated Colleges (Since 2021 to till date)	Not Applicable
6	Vanashree Arts College, Korchi, Gadchiroli	1. Vanashree Arts College, Korchi, Gadchiroli	Salhe Gram Sabha member training and awareness campaigns related to minor forest produce collection, processing, packing & marketing etc. on 24th and 25th Sep'2021	Over 60
		2. Gondwana University, Gadchiroli		
7	Bhagwantrao Arts & Commerce College, Etapalli, Distt. Gadchiroli	1. Bhagwantrao Arts & Commerce College, Etapalli, Distt. Gadchiroli	Artificial Reservoir for Fish farming at village Krushnar as part of livelihood option for the local tribal community on 27.9.2021	80
		2. Gondwana University, Gadchiroli		
8	Shri Jivanrao Sitaram Patil Munghate Arts, Commerce and Science College, Dhanora, Distt. Gadchiroli	1. Shri Jivanrao Sitaram Patil Munghate Arts, Commerce and Science College, Dhanora, Distt. Gadchiroli	Awareness training on Turmeric farming for enhanced agricultural income for Kanhaltola villagers on 28.9.2021	Over 70
		2. Gondwana University, Gadchiroli		
9	SEARCH (Society for Education, Action and Research in Community Health), Chatgaon, PO Dhanora, Distt Gadchiroli	1. SEARCH (Society for Education, Action and Research in Community Health), Chatgaon, PO Dhanora, Distt Gadchiroli	1. Execution of One Year Post-Graduate Diploma in Social Work titled, Social Programme on Addiction in Rural Communities (SPARC) from August'2022	14
		2. Gondwana University, Gadchiroli	2. Organization of one day conference on "Implementation of NEP 2020" - Sensitization of Teachers and Principals of	Over 75

Sr. No.	Organisation with which MoU is signed	Name of the institution / industry / corporate house	List the actual activities under each MOU year wise	Number of students/ teachers participated under MoUs
		3. MSFDA, Pune	affiliated colleges as to design and delivery of curricula in accordance to NEP 2020 on 18.11.2022	
10	District Administration, Gadchiroli	1. District Administration, Gadchiroli	1. Two weeks Capacity building training of villagers related to Pesa, FRA, CFR, Biodiversity, MFP process and forward linkages through EKAL Training cum Facilitation Center	Over 1200 till date
		2. Gondwana University, Gadchiroli	2. Direct benefit to 9,72,617 rural and tribal people from 1438 Gram Sabhas of the Gadchiroli District.	
11	Winning Leap Education Pvt Ltd, Thane	1. Winning Leap Education Pvt Ltd, Thane	Training in full stack web development, AI, Robotics, IoT, Genetic Engineering, Quantum Computing etc.	500 (10 X 50)
		2. District Administration, Gadchiroli		
		3. Gondwana University, Gadchiroli		
		4. Alpha Academy		
12	Maharashtra State Faculty Development Academy (MSFDA), Pune	1. Maharashtra State Faculty Development Academy (MSFDA), Pune	Tribal Pride Journey - An experiential leadership program at Societal Projects located within GuG Region	50 teachers and principals (2 X 25)
		2. Gondwana University, Gadchiroli		
		3. SEARCH, Chatgaon		
13	1. Chichewada Gram Sabha, Taluka Kurkheda, Dist Gadchiroli	1. Chichewada Gram Sabha, Taluka Kurkheda, Dist Gadchiroli	1. Identified marketing of top 10 processed MFP based products like honey, black plum squash pulp and beatel, tragacanth gum, mushroom, wild vegetables, sugar apple pulp, beheda, hirda, amla,	Over 1500

Sr. No.	Organisation with which MoU is signed	Name of the institution / industry / corporate house	List the actual activities under each MOU year wise	Number of students/ teachers participated under MoUs
			roselle flower powder as soft drink etc and initiated to process given MFP.	
	2. Neharpayli Gram Sabha, Taluka	2. Neharpayli Gram Sabha, Taluka Kurkheda, Dist Gadchiroli	2. Accordingly undertaken to create startup ecosystem at each of the Gram Sabha	
	3. Pipri Gram Sabha, TalukaKurkheda, Dist Gadchiroli	3. Pipri Gram Sabha, TalukaKurkheda, Dist Gadchiroli		
	4. Salhe Gram Sabha, TalukaKorchi, Dist Gadchiroli	4. Salhe Gram Sabha, TalukaKorchi, Dist Gadchiroli		
		5. TRICEF Incubation Center, Gondwana University, Gadchiroli		
14	Vyatka State University, Kirov, Russian Federation	1. Vyatka State University, Kirov, Russian Federation	1. International Student Online Chess Tournament	2
		2. Gondwana University, Gadchiroli	2. 100 Hour Certificate Course in English and Russian as Foreign Language on mutual basis of benefits	35
15	Tilak Maharashtra Vidyapith, Pune	-Tilak Maharashtra Vidyapith, Pune and	Formulation, production and clinical trials of Ayurvedic Medicines to mitigate the side effects of chemotherapy in cancer patients with the help of Ayuryoga	
		-DeshBhagat University, Mandi, Punjab as Knowledge Partners		
		-Research and Development Centre, Pakchong, Thailand and		
		-Gondwana University, Gadchiroli as second party for execution of clinical trials		



Sr. No.	Organisation with which MoU is signed	Name of the institution / industry / corporate house	List the actual activities under each MOU year wise	Number of students/ teachers participated under MoUs
		for evaluation of the method / therapy and		
		-Yoga Samskrutham University, Florida, USA as funding agency		
		Faculties and Stake Holders in the project from 5 collaborating institutions		

## 5.10 Administrative and Academic Reforms

### 5.10.1 : e-governance:

E-governance includes below mentioned operational automations.

- Online University administrations like uploading and display of Circulars, Notifications, Directions, Syllabus from time to time on the web portal.
- Uploading of yearly information on web portal of MS Govt M.I.S. department and MHRD of GOI as part of All India Survey on Higher Education (AISHE).
- Digital payment facility
- Biometric attendance system for employees
- Design and distribution of user-id and passwords to affiliate applicant colleges for the purpose of proposals for new colleges, new courses, continuation and extension of affiliation.
- Design and execution of e-tendering process of the Varsity on GEM Portal.
- Providing technical support for FC and ARC setup for admission to professional courses.
- Web Content Access Group (WCAG) compliance of IT solutions for Varsity web portal.
- Installation and operation of “Plagiarism Detection Software” for Ph D submitted thesis.
- Implementation of Spoken tutorial project in collaboration with IIT, Powai for affiliated colleges.

### 5.10.2 : Digital initiatives

Being newly established and located in tribal and forested area that is under developed, application and use of Swayam, NDL, NPTEL, GEMS portal, e-samarthetclikewise digital resources are a part of the governance and administrative system.

### 5.10.3 : Uploading awards in National Academic Depository (CDSL, NSDL)

Instituted with CDSL since Winter’2016 examinations and onwards.

### 5.10.4 : Academic audit

A policy for continuation of affiliation through administrative academic audit (AAA) is implemented from the year 2019 and onwards and as on date, all affiliated colleges have been audited.

### 5.10.5: Keeping track of Alumni and strengthening Alumni Association

For Varsity Departments, students have started passing from the year 2020 and hence forth alumni association formed most recently. However, most of the affiliated colleges having NAAC recognition and offering traditional and professional courses are having functional alumni associations.

### 5.10.6: Exam Reforms

- Ranked 1st in the State for achieving 100% compliance with the Recommendations of Rajesh Agrawal Committee on Reforms in University Examinations.
- First in the State to achieve 'Online delivery of question papers' in the year 2016-17 and onwards.
- Special appreciation by Chancellor of the university for conduct of online university examinations and declaration of results in the stipulated time frame.

### 5.10.7: Smart Campus

Saving water, use of eco-friendly LED lamps for reduced energy consumption, concreted pathways within campus, landscaping, Tree plantations, managing solid waste, construction of guest house and auditorium using natural material etc are some of the development initiatives undertaken by our Varsity.

In the near future, solarization of the existing campus is on the cards with an object to tap green energy and reduce conventional energy costs. Rain water harvesting system for university buildings and in all affiliated colleges.

### 5.10.8: Reforms in financial management

Automation in following aspects has been designed as per requirements and implemented.

- Receipt unit, Payment unit, Books of account unit, Pay bills & provident fund unit, Examination bills unit, Work and general bills unit, Academic department bills unit, TA/DA bills unit, Bills passing unit, Budget unit, Purchase & stores unit and Internal audit unit. The payments are made by NEFT/RTGS.
- e-Samarth module on financial management is on priority for implementation prior to execution of leave management module.

## 6.0 Deliverables

Objectives from Sec. 2.0	Deliverable
To establish all envisaged PG departments and Sub-centre at Chandrapur in order to fulfill aspirations of the local youths.	To seek NAAC accreditation for receiving central financial assistance from State Govt. and RUSA for University Establishment and Development
To Improve the Gross Enrollment Ratio across the university jurisdiction especially of the backward region by establishing University affiliated and conducted colleges and satellite centres	57 new colleges are proposed in the region which includes 7 woman colleges, 16 night colleges, 3 colleges for deaf and dumb, 23 traditional colleges, 1 each conducted engineering, pharmacy and law college and 8 satellite centers leading to enhancement of the GER targeted for the region.
To Improve Inclusivity and Equity by spreading the message of education in secondary and higher secondary schools so that the students from the region can take admission in the University	Enhanced enrolment of socially and economically backward students, female students, physically challenged student friendly facilities at 182 colleges, 3 colleges for deaf and dumb students, 182 equal opportunity cells shall be functional.
To Improve Quality and Delivery of Education by creating varied Study Centre's for Socio-economic development of the region	Multidisciplinary Courses as per NEP 2020 across all Faculties from the session 2024-25, 79 colleges will be NAAC accredited out of which 8 shall be A graded, academic audit for all colleges, 8 satellite centers for the unreached region, 1 autonomous department and 2 autonomous colleges, mandatory field work /

Objectives from Sec. 2.0	Deliverable
	in-plant training for PG students, Ph D awards to be raised by strengthening CHLR base, NIRF Ranking for the Varsity shall be ensured
To Develop Research in the relevant areas and Development Partnership with Industry	03No of industries will be connected for partnership in consultancy, 5 for MOU / collaborations, 1 for industry-basedR&Dproject, 30 nos of patents to be delivered, over 10vendor development and consultancy services will be provided to the local traders and farmers, 25 business solutions to SHGs and MSMEs and 100minor research and seed money projects.
To Engage with The Regional Economic Development and Aspirations	<p data-bbox="724 570 1471 651">-Ekal Gram Sabha Capacity Building and Training Programs targeted beneficiaries of 1430 Gram Sabhas</p> <p data-bbox="724 651 1471 731">-STRC driven programs and projects leading to enhanced livelihood options for local tribal</p> <p data-bbox="724 731 1471 852">-Programs on bringing economic value for local products like bamboo, teak wood, rice, tribal art, medicinal plants, wild fruits, silk tourism, eco and tribal tourism etc</p>
To Develop Skills and Entrepreneurship with participation of Industries of the region.	<p data-bbox="724 862 1471 983">51 Skill-oriented courses, 01Course on entrepreneurship development, 01 Incubation Center funded by MSInS at University &amp; 05 at affiliated colleges,</p> <p data-bbox="724 983 1471 1064">High-end technology innovation labs of CIIT, MDC courses and programs having employment potential</p>
To Make the University a Cultural Powerhouse in the Region.	01 Tribal Study Center,05 courses in performing arts, fine arts, folk art/dance, wild life tourism, handicrafts, I. G. RashtriyManavSangrahalay Regional Study Centre and Mythological Trail at New Campus.
To Focus on Students' Welfare (Training Centers, Health Center and subsequently a Medical College, Incentives to Faculties for seeking employment in the Varsity region etc).	<p data-bbox="724 1245 1203 1276">100 career counselling and guidance cell</p> <p data-bbox="724 1286 1195 1316">20 courses on skills and value education</p> <p data-bbox="724 1326 1214 1356">10 competitive examination prep. Centers</p> <p data-bbox="724 1366 1187 1397">03 Learn and earn schemes for students</p> <p data-bbox="724 1407 1130 1447">Mandatory Student grievance cells</p>
To Achieve Excellence in Sports.	<p data-bbox="724 1457 911 1487">Sports complex</p> <p data-bbox="724 1497 1471 1659">Special training for IUT students such that at least 05 student at Olympic/International level, 05 at Asia level, 800 at National level and 1000 at State level shall be able to participate through varied forms of sports</p>
To Develop Academic Leadership in Intra-State, National and Global Context.	NIRF rankings in the range of 150 – 200 only after which participation shall be ensured at relevant and recognized rankings/agencies

## 7.0 Suggestions to help implement the plan

Issues/ Problems	Suggestions
Location of the University in hilly and forested area having tribal population	1. University conducted engineering, pharmacy and law colleges to be opened for offering traditional, professional and skill courses.
	2. Number of university conducted night colleges and satellite centres
	3. Various welfare schemes involving financial support to the students for overall development
Majority of the population from Gadchiroli district is socially and economically backward	1. Free education and hostel facility at campus
	2. Subsidized food for hostel inmates of campus under Karmyogi Baba Amte Earn and Learn scheme
	3. Incorporating multidisciplinary pattern of education as per NEP 2020 featuring skill components in the existing CBCS curricula offered objected at creating job opportunities.
	4. Opening Multi-Skill Seed Centers aimed at enhancing job opportunities / livelihood options for the locals under NSDC, New Delhi
	5. More welfare schemes for improving GER of the region
Appointment of Teachers at the University PG Departments and Grant-in-aid affiliated colleges	1. Competent Authorities of the State Govt shall approve and ensure as a special case being located in tribal and forested area.
	2. Teachers seeking employment in the region shall be offered special incentives.
Basic Infrastructure – Primary campus of the University at Adpalli, 7-Acre Skill campus adjacent to existing 10 acre campus and Chandrapur sub-centre	Procurement of land for the same is completed and that the architectural planning and execution for the same is undertaken by the concerned departments of the State Govt on priority as fast track project.
Sanctioned Staff positions for 30,000 students in the University whereas today 76,000plus students are enrolled	On priority 100 % Recruitment of the staff positions as per applicable norms
Lack of major and medium Industries in HQ region for establishing partnerships	Agriculture produce & processing, minor forest produce process and mineral based industries should be attracted and located in the region by offering special concessions by the State Govt.

## 8.0 Approvals

The Perspective Plan was discussed and approved by

Board of Deans

Signature of Authorized Signatory with date

Academic Council

Signature of Authorized Signatory with date

Senate

Signature of Authorized Signatory with date

Management council

Signature of Authorized Signatory with date

Annexure - 1

Enrolment of Students in University/colleges after passing 12th standard  
(Taluka level statistics)

Taluka	12th Pass out Students						Grand Total (12 pass out) (A+B+C+D) = I	FY Humanities		FY Com & Mgmt		FY Sci & Tech		FY Interdisciplinary		Grand total Students Admitted in the University (E+F+G+H)	Students not admitted in the University (J)	Vacant Seats (K-J)					
	12th Arts (A)		12th Commerce (B)		12th Science (C)			12th Vocational (D)		Sanctio ned Intake	Admitted (E)	Sanctio ned Intake	Admitted (F)	Sanctio ned Intake	Admitted (G)				Sanctio ned Intake	Admitted (H)			
	Male	Female	Male	Female	Male	Female		Male	Female												Overall	Male	Female
<b>Gadchiroli District</b>																							
Aheri	NA	NA	NA	NA	NA	NA	NA	NA	179	176	360	113	49	240	53	98	100	24	30	1400	722	396	678
Annori	NA	NA	NA	NA	NA	NA	NA	NA	506	436	460	66	51	908	199	272	200	68	122	3468	1720	374	1748
Bhanuragad	NA	NA	NA	NA	NA	NA	NA	NA	35	26	120	51	17	120	56	14	0	0	0	360	199	56	161
Chamorsli	NA	NA	NA	NA	NA	NA	NA	NA	311	417	240	30	86	480	19	35	100	168	338	1740	1404	863	336
Desaiganj	NA	NA	NA	NA	NA	NA	NA	NA	232	248	440	73	51	480	87	177	220	60	96	2400	1024	207	1376
Wadasa	NA	NA	NA	NA	NA	NA	NA	NA	60	79	120	0	0	240	40	167	0	0	0	880	346	343	534
Dhanora	NA	NA	NA	NA	NA	NA	NA	NA	115	78	0	0	0	240	62	51	0	0	0	600	306	188	294
Etapalli	NA	NA	NA	NA	NA	NA	NA	NA	394	455	320	88	60	586	113	208	362	119	113	2788	1550	529	1238
Gadchiroli	NA	NA	NA	NA	NA	NA	NA	NA	19	14	120	0	36	360	24	54	0	0	0	600	147	336	453
Korchi	NA	NA	NA	NA	NA	NA	NA	NA	173	142	240	110	39	624	93	144	0	0	0	1584	701	433	883
Kurkheda	NA	NA	NA	NA	NA	NA	NA	NA	84	43	120	38	17	360	81	96	0	0	0	840	359	299	481
Mulchra	NA	NA	NA	NA	NA	NA	NA	NA	81	55	120	0	0	120	64	73	0	0	0	360	273	388	87
Sironcha	NA	NA	NA	NA	NA	NA	NA	NA	81	55	120	0	0	120	64	73	0	0	0	360	273	388	87
Total	3404	3458	126	92	2518	2363	112	12415	8620	2189	2169	569	406	4758	891	1389	982	439	699	17020	8751	3664	8269

**Annexure - 1**  
**Enrolment of Students in University/colleges after passing 12th standard**  
**(Taluka level statistics)**

Taluka	12th Pass out Students						Grand Total (12 pass out) (A+B+C+D) = I	FY Humanities		FY Com & Mgmt		FY Sci & Tech		FY Interdisciplinary		Grand total Sanctioned intake (K)	Grand total Students Admitted in the University (E+F+G+H)	Students not admitted in the University (J)	Vacant Seats (K-J)					
	12th Arts (A)		12th Commerce (B)		12th Science (C)			12th Vocational (D)		Sanctioned Intake	Admitted (E)	Sanctioned Intake	Admitted (F)	Sanctioned Intake	Admitted (G)					Sanctioned Intake	Admitted (H)			
	Male	Female	Male	Female	Male	Female		Male	Female													Overall	Male	Female
	Male	Female	Male	Female	Male	Female		Male	Female	Overall	Male	Female	Overall	Male	Female					Overall	Male	Female		
<b>Chandrapur District</b>																								
Ballapur	NA	NA	NA	NA	NA	NA	NA	940	55	165	420	38	63	692	53	142	300	145	133	2352	794	264	1558	
Bhadrawati	NA	NA	NA	NA	NA	NA	NA	1860	108	159	600	37	55	450	42	98	0	0	0	2910	499	918	2411	
Bramhapuri	NA	NA	NA	NA	NA	NA	NA	2299	2720	410	1330	172	150	1322	230	361	240	21	29	5612	1814	485	3798	
Chandrapur	NA	NA	NA	NA	NA	NA	NA	7537	5740	1245	4440	708	644	2849	730	1021	890	106	319	13919	6278	1259	7641	
Chinur	NA	NA	NA	NA	NA	NA	NA	1760	1300	323	385	101	80	360	62	124	140	27	29	2360	1131	629	1229	
Gondpipri	NA	NA	NA	NA	NA	NA	NA	1079	820	160	199	120	42	20	360	21	78	100	30	20	1400	570	509	830
Jiwati	NA	NA	NA	NA	NA	NA	NA	1094	360	189	116	0	0	480	112	80	0	0	0	1080	497	597	583	
Korpana	NA	NA	NA	NA	NA	NA	NA	1782	680	113	131	120	72	27	360	76	113	100	16	28	1260	576	1206	684
Mul	NA	NA	NA	NA	NA	NA	NA	1279	1200	269	299	480	22	44	360	74	86	0	0	2040	794	485	1246	
Nagbhir	NA	NA	NA	NA	NA	NA	NA	1688	1020	269	375	520	85	38	360	54	152	130	68	69	2030	1110	578	920
Pombhurna	NA	NA	NA	NA	NA	NA	NA	501	460	66	65	300	62	14	120	43	66	0	0	880	316	185	564	
Rajura	NA	NA	NA	NA	NA	NA	NA	1778	1160	264	205	440	64	89	512	105	162	0	0	2112	889	889	1223	
Saoli	NA	NA	NA	NA	NA	NA	NA	1099	700	99	117	420	91	49	448	60	201	0	0	1568	617	482	951	
Sindewahi	NA	NA	NA	NA	NA	NA	NA	1194	920	212	226	0	0	540	48	117	0	0	0	1700	603	591	1097	
Warora	NA	NA	NA	NA	NA	NA	NA	2417	1380	177	322	440	126	175	472	84	178	0	0	2292	1062	1355	1230	
Total	6170	6141	969	1050	5969	6250	1090	345	27982	21260	3959	4710	10670	1620	1448	9685	1794	1900	413	627	43515	17550	10432	25965

## Annexure-2

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

Note: This data base is for the objective 2.2

Name of the taluka	UniversityGER (expressed as % of district)
<b>Gadchiroli District - 10.59</b>	
Bhamaragarh	1.49
Korchi	2.45
Sironcha	2.83
Etapalli	3.28
Dhanora	3.30
Mulchera	3.42
Kurkheda	8.48
Aheri	9.03
Chamorshi	9.05
Desaiganj	9.90
Gadchiroli	22.75
Armori	24.03
<b>Chandrapur District - 33.77</b>	
Pombhurna	1.36
Sawli	2.77
Korpana	3.55
Jiwti	3.57
Mul	3.62
Gondpipri	3.89
Ballarpur	3.96
Sindewahi	3.98
Bhadravati	4.18
Nagbhid	4.28
Warora	5.05
Rajura	5.35
Chimur	5.38
Bramhapuri	13.25
Chandrapur	35.79

\*Note: The taluka wise GER is expressed as percentage of the district GER.

## Annexure-3

### Statistics on NAAC accreditation

Number of colleges affiliated to the university	Number of colleges that have acquired NAAC accreditation in the last 3 cycles	Number of colleges under process of re-accreditation	Number of colleges that have not undergone NAAC accreditation any time
212	30	28	115

Note: This data base is for the objective 2.3



## Annexure-4

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

Note: This data base is for the objective 2.5 and 2.6

Indicator	Gadchiroli	Chandrapur
Population	10,72,942	22,04,307
Decadal Growth Rate of Population	10.58	6.43
Literacy Rate	66.03	80.01
Population in working age group (15-59)	36.6	65.40
Work participation rate, %	51	48
Workforce	8.50 Lakhs	10.50 Lakhs
Per Capita GDDP, INR	78,863	1,28,472
Estimated workforce incremental demand (2024-28)		
Agriculture and allied sector	19744	30318
Manufacturing (food, steel, chemical, pharmaetc)	33	150
Construction	707	2879
Services	29527	77088

## Annexure-5

### Major Industries in the region

Note –This data base is for the objective 2.4.

Industry/ Service type	Current status of number of employees in each industry/ service sector	New industries expected by 2029	Number of employees in each industry/ service sector envisaged by 2029	Skills required for employment in each industry /service sector	R&D opportunities in each industry / service sector	Department / college likely to be associated
Power Generation (Installed capacity in c'pur district stands at 3750 MW)	48 in Gadchiroli 2500 in Chandrapur CSTPS	Coal and Biomass based power plants in Chandrapur and Gadchiroli districts.	Significant scope considering availability of coal reserves, bio materials etc	Graduate & Diploma Engineers in Electrical, Electronics, Mechanical, Instrumentation & Civil Engineering etc	- Improving efficiency of coal based power plants -Alternative green fuels -Tapping Non renewable sources of energy -Reducing pollution and protecting environment	- PG Department of Varsity offering courses in science, commerce & humanities - Affiliated colleges offering UG, PG and Doctoral programs in Engineering, Science, Commerce, Humanities and Social work etc.

Industry/ Service type	Current status of number of employees in each industry/ service sector	New industries expected by 2029	Number of employees in each industry/ service sector envisaged by 2029	Skills required for employment in each industry /service sector	R&D opportunities in each industry / service sector	Department / college likely to be associated
Mining of Various major & minor minerals like Coal, Limestone, Iron ore, White Clay, Fluorite, Quartz, Sand, Dolomite, Laterite etc	-Approx. 21450 in 23 Coal Mines	Mining of major minerals like coal, iron ore, limestone, dolomite etc and other minor minerals	Significant employment potential due to 52 operational ML's of major minerals & 361 ML's of minor minerals in Chandrapur district and 4 ML's in Gadchiroli district.	Graduate & Diploma Engineers in Mining along with Electrical, Mechanical & Civil Engg.etc Science UG or PG in Chemistry & Geology	- Mechanized Equipments and Plants -Eco friendly Mining Methods	-All affiliated Engineering, science and commerce colleges
Cement	2354 in 5 units	Cement Plants and cement based products	Significant employment potential	Graduate & Diploma Engineers in Mining along with Electrical, Mechanical & Civil Engg.etc Science UG or PG in Chemistry & Geology	-Various forms of cement viz industrial and domestic	--do--
Steel making / Ferro alloys	1928 in 9 units	Sponge Iron Steel plant in Gadchiroli district	Sizeable employment potential	Graduate & Diploma Engineers in Metallurgy along with Electrical, Mechanical &	-Development of Alloy materials	--do--
				Civil Engg.etc Science UG or PG in Chemistry etc		
Paper Manufacturing	3074 in 2 units	Paper and paper products	Excellent employment Potential considering available forest resources		-Paper pulp -Zero pollution manufacturing techniques	--do--

Industry/ Service type	Current status of number of employees in each industry/ service sector	New industries expected by 2029	Number of employees in each industry/ service sector envisaged by 2029	Skills required for employment in each industry /service sector	R&D opportunities in each industry / service sector	Department / college likely to be associated
Coal Washing	566 in 4 units	Coal washeries	Good scope due to presence of 20 plus coal mines in the region	Graduate & Diploma Engineers in Mineral Processing, Mining along with Electrical & Mechanical Engg. etc	-Improvisation of washing techniques to increase calorific value	--do--
Agro based / Food products	586 in 8 units	Agri produce processing, milk & food products, beverages etc		Food Technology & Science, Agro Biotechnology etc	-Processing -Marketing & Logistics - Packing -Cold Storage	--do--
Explosive Manufacturing	149 in 3 units	Marginal scope due to presence of 3 units		Graduate &Diploma Engineers in Mining, Mechanical Enggetc Science UG or PG in Chemistry etc	--	--do--
Chemical	640 in 4 units			Graduate & Diploma Engineers in Chemical Engg, Material Science, Polymer science etc Science UG or PG in Chemistry etc	--	--do--
Home Appliance	155 in 1 unit			Graduate & Diploma Engineers in Electronics, Electrical and Mechanical Engineering etc	-Energy efficient devices Modernization of existing appliances -Eco friendly manufacturing processes -Newer domestic appliances	--do--

Industry/ Service type	Current status of number of employees in each industry/ service sector	New industries expected by 2029	Number of employees in each industry/ service sector envisaged by 2029	Skills required for employment in each industry /service sector	R&D opportunities in each industry / service sector	Department / college likely to be associated
Plastic	117 in 1 unit			Science UG or PG in Chemistry etc	-Replacement materials Minimizing pollution	--do--
Chandrapur	9376 in 24 units excluding coal mines	12 units in power, steel, cement etc	6299nos of skilled manpower	--	--	--
Gadchiroli	1029 in 22 units	8 units in power, steel, cement, paper, metal pipes, oil refinery etc	5994 nos of skilled man power	--	--	--

### Annexure-6

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

This data base is for objectives 2.4, 2.5 and 2.6

Industry / Service type	Current status of number of employees in each industry/ service sector	New industries expected by 2029	Number of employees in each industry/ service sector envisaged by 2029	Skills required for employment in each industry/ service sector	R&D opportunities in each industry/ service sector
Manufacture of Food products & beverages	2134 in 157 units	-Jagdamba Solvent Refinery Co, Wadsa -Bhattad Food Products, Gadchiroli -Sarhak Rice Industries, Wadsa	300 11 22	- Food Technology - Food Processing - Edible oil refining - Dairy farming & product development	- Minor forest produce based products
Manufacturing of wooden products, processing, cork, articles of straw & plating materials except furniture	771 in 26 units	NA	NA	-Skilled artisans like carpenter, cutters, polishers etc	-Development of artefacts and home utilities using integrated materials

Industry / Service type	Current status of number of employees in each industry/ service sector	New industries expected by 2029	Number of employees in each industry/ service sector envisaged by 2029	Skills required for employment in each industry/ service sector	R&D opportunities in each industry/ service sector
Manufacturing of paper and paper products	2330 in 10 units	-APR Packaging, at Illur- ashti, Tah- Chamorshi - Smit Industries, Gadchiroli	291 10	- Paper product manufacturing like plates, bags etc - Packaging	- Recycling of paper - packaging materilas
Manufacturing of coke, refined petroleum products & fuel	1055 in 21 units	NA	NA	- Process technicians - Production supervision	--
Manufacturing of chemicals and chemical products	526 in 41 units			-Process technicians -Production supervision	Development of new products and additives/dyes
Manufacturing of nonmetallic mineral products	2844 in 17 units	NA	NA	- Process technicians -Production supervision	Development of replacement materials
Manufacturing of base metals	2844 in 6 units	-Essar Steel Ltd, Gadchiroli -Murli Industries Ltd, G'oli -Shyam Cell Ltd, G'oli	387 2500 1100	- Steel making, ferro alloys, alloys of steel and replacement materials	Development of alloys of base metals
Civil & Construction Engineering products	120 in 19 units	- Ambuja Cement Ltd, Gadchiroli -Y & M cement (India) Pvt Ltd, G'oli -Aheri Tubes India Pvt Ltd, Aheri -Lumbini Magasvargiya Audyogik Sah Sanstha, Kurkheda -Ambika Steel Furniture, Gadchiroli -Pratap Constructions Sironcha	620 446 350 130 23 10	-Cement process and production, plant installation & management etc -Various types of cement like opc, ppcetc and clinker production -Building Construction Materials like bricks, pipes, tiles, fittings etc -Tar mixing plant	Development of eco-friendly building and construction materials

<b>Industry / Service type</b>	<b>Current status of number of employees in each industry/ service sector</b>	<b>New industries expected by 2029</b>	<b>Number of employees in each industry/ service sector envisaged by 2029</b>	<b>Skills required for employment in each industry/ service sector</b>	<b>R&amp;D opportunities in each industry/ service sector</b>
Wholesale and retail trade & repair of motor vehicles	93 in 3 units	NA	NA	-Entrepreneur Ship skills -Trading -Marketing -Repair, fitting, casting etc	-EV / Solar based vehicle repair and maintenance
Textile, computer, medical, tv/ radio, fabrication, furniture, machinery & equipment etc	3241 in 110 units	-GKSLB Wear Co., Gadchiroli -K D Enterprises, Kurkheda -Bamboo Proc Timber Unit by Distt Adiwasi Bamboo Prakriya Sah Sanstha, Gadchiroli - Shivalaya Herbs, Chamorshi	78 20 201 10	-Garment Manufacturing - Engineering Workshops - Bamboo products like furniture, tiles etc - Ayurvedic medicines based on forest produce	
<b>Gadchiroli</b>	<b>13,114 in 410 units</b>		<b>6,509 in 18 units</b>		
<b>Chandrapur</b>	<b>42200 in 7613 units</b>				

**Annexure-7**

**Industry in the region (Agro based)**

This–data base is for objectives 2.4, 2.5 and 2.6

<b>Industry / Service type</b>	<b>Current status of number of employees in each industry/ service sector</b>	<b>New industries expected by 2029</b>	<b>Number of employees in each industry/ service sector envisaged by 2029</b>	<b>Skills required for employment in each industry/ service sector</b>	<b>R&amp;D opportunities in each industry/ service sector</b>	<b>Department/ college likely to be associated</b>
-Chandrapur -Shantikunj Solvent Ltd, Mul (Soya DOC) -Shantiraj Food Pvt Ltd, Gadchiroli -Nagbhid -Umred Agro Complex Ltd, Chimur -Rice mills and plants at mul, góli, armori, chamorshi, wadsa, saoli, bramhapurietc *MIDC areas Features no of agro and food- based micro & small enterprises/ industries	86 70 56 In multiples of 100	-Jagdamba Solvent Refinery Co, Wadsa -Bhattad Food Products, Gadchiroli -Sarthak Rice Industries, Wadsa	300 11 22	-Food Technology -Food Processing Edible oil refining Dairy farming & development	-Rice variety -Boiled rice -Rice bran oil -Black rice -Brown rice -Eco friendly fuel from rice peels	PG departments of University and all affiliated colleges
<b>Total</b>	<b>2134 in 157 micro and small units</b>	<b>3 units</b>	<b>333</b>			

## Annexure-8

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

Note-This data base is for objectives 2.4,2.5 and 2.6

Industry/ Service type	Current status of number of employee s in each industry/ service sector	New industries expected by 2029	Number of employee s in each industry/ ser vice sector envisaged by 2029	Skills required for employ- ment in each industry/ ser- vice sector	R&D oppor- tunitie s in each industry/ service sector	Department / college likely to be associated
Gramodaya Sangh, Bhadrawati, Distt.- Chandrapur	36 at HQ and more than 200 in 5 co-operative based centers engaged in the production of roofing tile, potteries, ceramic wares etc	Manglore type roofing tile, Flyash bricks, modern ceramic wares, white wares, glazed potteries etc	Ample scope considering availability of natural mineral resources as raw materials and pool of artisans.	Various forms of traditional pottery making imbibing rural craft of traditional potteries of India.	Establishment of a Pottery Center: For Development of new techniques and trades in the field of rural crafting of traditional pottery of India.	STRC and Incubation Center under MSInSand PG Departments of the Varsity.
M.S. Khadi Gramodyog Mandal, Chandrapur	Executive members and ordinary members of mandal	-Honey based food and medicine	- More than 1000 through various schemes offered	-Making of traditional customary wears, domestic products, herbal products etc	Design and Development of Self- Employment generating schemes for rural populous	STRC and Incubation Center under MSInS and PG Departments of the Varsity.
Tussar Silk Development Cell, Pathri, Tah. Sawli	1161 cocoon producers across 84 villages, 638 farmers engaged in host plant up bringing (2010-11)	Customary wears and garment ssociate y gg using Tussar silk	Ample scope for rural people engaged in farming	Farming of host plants, up bringing of cocoon, Manu facturing of Tussar silk thread and in turn cloths from Antheria Mailita worm	- Augmenta tion of Tussar host plantation - Streng thening of Grainages - Technical assistance to seed rearers and private. Grainages - Empowerment programme	STRC and Incubation Center under MSInS and PG Departments of the Varsity.



## Annexure-9

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

Note: This data base is for objectives 2.5 and 2.6

Name of local resources	Current status of utilization of local resource by local MSMEs / Industries	Possible opportunities to tap resources by 2029 (setting up local manufacturing units, SHGs, etc)	Skills required for leveraging local resource base	R & D opportunities in this area	Employment/ entrepreneurship generation through local resource tapping by 2029	Department/ college likely to be associated
Minerals	Power, cement, steel industries are operating in significant size	Steel making, manufacturing of chemicals, cement, Green power etc	Eco-friendly mining methods, mechanized mining equipments,	-Improving efficiency of coal based power plants -Alternative green fuels -Tapping Non renewable sources of energy -Reducing pollution and protecting environment -Mechanized Equipments and Plants -Eco friendly Mining Methods -Various forms of cement viz industrial and domestic -Alloy materials & metalloid development	Very good scope for employment and startup opportunities	PG departments of University and all affiliated colleges
Clay-Pottery making	Two medium industries in C'purdistt	Various forms of pottery, ceramic wares etc	Various forms of traditional pottery making imbibing rural craft of traditional potteries of India.	Establishment of a Pottery Center: For Development of new techniques and trades in the field of rural crafting of traditional pottery of India.	Good Startup opportunities	--do--
Rice	C'pur ranked 4th in state. G'olis main crop	Clusters for processing, value addition and	Processing & Packaging	-Varieties of rice that benefit patients suffering	Very good scope for employment and startup	--do--

Name of local resources	Current status of utilization of local resource by local MSMEs / Industries	Possible opportunities to tap resources by 2029 (setting up local manufacturing units, SHGs, etc)	Skills required for leveraging local resource base	R & D opportunities in this area	Employment/ entrepreneurship generation through local resource tapping by 2029	Department/ college likely to be associated
		packaging		from diabetes to heart ailments. -Study on Black rice on being anti-oxidant used by heart patients; -Brown rice has a lower glycemic index	opportunities	
Forest and Minor Forest Produce	Wood, bamboo, etc. 49 types of MFP	Eco and Tribal Tourism, Making of Medicines, Bamboo products, Plywood, MFP based food items and wellness products	-Ecotourism -Tourist guides -Hospitality -Travel -MFP process	Ayurvedic medicines, growth of medicinal plants, Tribal Tourism, development of MFP based products	Excellent scope for employment and startup opportunities	--do--
Paper	Home to India's largest paper manuf, BILT	-Quality Imp -Paper product manufacturing like plates, bags etc -Packaging	Paper making	-Recycling -Paper pulp -Zero pollution manufacturing techniques	Moderate Scope for employment	--do--
Plywood	Nil		Skilled artisans like Carpenters	Variety of ply including made of bamboo	Good scope for employment as well as startup opportunities	--do--
Silk Yarn – Tasar silk			Farming of host plants, upbringing of cocoon, Manufacturing of Tussar silk thread and in turn cloths from AntheriaMailita worm	-Augmentation of Tussar host plantation -Strengthening of Grainages -Technical assistance to seed rearers and private. Grainages -Empowerment programme	Very good scope for employment and startup opportunities	--do--

## Annexure-10

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

Note: This data base is for objective 2.7

Art forms	Current enrolment in these courses	Current placement of graduate from these courses	Anticipated opportunities (in terms of placements) by 2029	University department/ college relevant as nodal agency
Fine art	00	00	Marginal	PG Teaching Department of the university
Animation	Presently we do not offer any courses relating to the mentioned Art forms.	Not Applicable	Self-employment	It is proposed to establish “Center of Excellence for Gondwana Culture and Tribal Development” with an objective to provide scope for various art forms under consideration. (see Annexure 14, Component 10)
Photography	00	00	Self-employment	
Performing art	00	00	Self-employment	
Local art forms Include cultural and traditional acts like madia dance, dandaretc	00	00	Self-employment with very good scope	

## Annexure-11

### Expectations from Higher Education: Feedback from the Stake Holders

Sr. no.	Stake holder	Sample Size	Important inputs suggestions	To what objective (2.1 to 2.10) does this input/ suggestion relates
1	Students	142	<p>Which courses should Gondwana University introduce for development of professional skills? (List)</p> <ol style="list-style-type: none"> <li>1. BFA</li> <li>2. Communication Skill Course</li> <li>3. Computer Based Course</li> <li>4. Art and culture</li> <li>5. Computer based education</li> <li>6. Technical Courses</li> <li>7. Competitive Courses</li> <li>8. mass communication skills</li> <li>9. MSC.</li> <li>10 MBA</li> <li>11. Computer course</li> <li>12. Sports</li> <li>13. Electronics</li> <li>14. Agro-based management and agricultural knowledge</li> <li>15. Department of Drama, Growth in social work colleges, BBA, BCCA</li> <li>16. Different skill development programs and workshops in different streams</li> <li>17. Skill development program</li> <li>18. Business related courses, Personality development, GK session, class discussion session</li> <li>19. Business placements</li> <li>20. Home economics</li> <li>21. Hotel management, etc</li> <li>22. Marketing 2</li> <li>23. BBA</li> <li>24. MBA</li> <li>25. CA</li> <li>26. Technical skill., B. Voc,</li> <li>27. GST Course</li> <li>28. B.Tech +MBA Dual degree program of 5 year.</li> <li>29. Skill Based Professional Courses like</li> </ol>	

Sr. no.	Stake holder	Sample Size	Important inputs suggestions	To what objective (2.1 to 2.10) does this input/ suggestion relates
			30. B.Tech - Data Science 31. B.Tech - Artificial Intelligence 32. B Tech - Robotics 33. B.Tech - Automation 34. BBA - LLB 35. B.COM- LLB 36. B.E-LLB 37. BA-ANIMATION 38. Computer accounting skill 39. personality development skill 40. Engineering, 41. Vocational, 42. Computer and software base education 43. MPSC and UPSC classes 44. MBBS, Hotel management, Mass Communication, MBA 45. Soft skills classes 46. Student IQ test, best career guidance, Job opportunities 47. Agriculture and self defense 48. B.E., B.TECH. 49. B. ARCH. 50. Poultry farming 51. Bamboo crafts 52. Collection of Minor Forest Produce 53. Motivation class 54. Milk Dairy	
			1. This matter will not be beneficial only if something is useful after starting the course. 2. Agriculture Department and Engineering Practical Do not only Depends on engineering theory. 3. Tribal culture 4. Learn and Earn Scheme 5. Creation of PGTD campus for postgraduate education and research 6. University should work for skill development like mulberry industry, honey bee industry, Sealing Wax industry. Increase your practicals syllabus	

Sr. no.	Stake holder	Sample Size	Important inputs suggestions	To what objective (2.1 to 2.10) does this input/ suggestion relates
			7. Gondwana University to bring MSW MA Physiology at every taluka level as well as special course on digital classroom availability to students. 8. Provide Regular Teacher and Class Room for Teaching. 9. Computer and Gym School 10. Bus Facility 11. Games 12. Programs for guidance 13. Provide Sample Question Paper 14. Specialization degree should be introduced i.e AI, ML, Data science.” 15. Kindly request you to contact for more 21st Century Job-based Courses. 16. Facility of Pure Drinking water 17. Professional Skill Set 18 Online exam 19. Vocational courses should be introduced	
2.	Teachers	90	What courses do you think the university should introduce to develop professional skills? 1. Ability Enhancement courses 2. Biomedical science and other employment base course 3. Skill based basic education method system 4. Technical courses, forest-based course, Agriculture courses. 5. Computer related syllabus 6. Skill based courses like certificate course 7. Vocational Education- 8. skill based courses but after completion they didnt get job due to less communication skill, unawarness of different vacancy, unavailability of proper guidance 9. Mining Engineering 10. Mass Communication, Management, demonstration based traditional science and value education 11. No need to start any course, 12. Should be focused on startup, 13. Immediate funding and research 14. मराठी विषयांतर्गत	2.6

Sr. no.	Stake holder	Sample Size	Important inputs suggestions	To what objective (2.1 to 2.10) does this input/ suggestion relates
			<p>a. Storytelling</p> <p>b. Elocution</p> <p>c. Playwriting and directing</p> <p>d. Screenwriting</p> <p>Many such professional skills development courses can be started in the university.</p> <p>15. ICT base</p> <p>16. Soft Skills Courses</p> <p>17. They should have area wise skill study sequence technical course should be prepared</p> <p>18. Technical diploma courses should be introduced so that students can benefit from it and Computer and English Language Compulsory</p> <p>19. By identifying the innate skills of the students and understanding their passions, certificate courses should be developed to develop them as professionals.</p> <p>20. Creating life-use certificate courses that give scope to creativity in students.</p> <p>21. Along with degree courses, Computer repair, Computer programming, Artificial Intelligence, administrative college for competitive exam preparation etc. should be started.</p> <p>22. Entrepreneurship, communication skill and soft skill.</p> <p>23. University should focus on advanced courses to cater the requirement of future sectors in India/world.</p> <p>24. Bachelor and Masters in Sports Science</p> <p>25. It is felt that it is more necessary to teach courses in the same way that many products or many courses are offered in ITI courses.</p> <p>26. Production based curriculum should be implemented.</p> <p>27. DMLT / CMLT courses, food technology diploma/ degree course, traditional knowledge courses, food and nutrition course.</p> <p>28. Skill based curriculum is needed and every student in rural areas should get employment.</p> <p>29. Agricultural colleges catering to technical and rural students</p>	

Sr. no.	Stake holder	Sample Size	Important inputs suggestions	To what objective (2.1 to 2.10) does this input/ suggestion relates
			30. The students of Arts and Commerce Faculty should be given employment or self-employment and such facilities should be created.	
			31. Since there are no factories in our district, training should be provided so that they can start some business based on the forest produce available here	
			32. For the Physics students following skills-based program should be conducted	
			a. Knowledge of earthing	
			b. Practical knowledge of solar cell set up	
			33. Education should be imparted through the curriculum that processes the tools available in the local area.	
			34. Programs based on local relevance promoting optimum utilization of already available resources in the region itself	
			35. Apply computer application courses for arts, commerce and science students.	
			36. Do computer science as compulsory subject for all faculties	
			37. Compulsory computer courses in all faculty	
			38. Computer Applications in apply	
			39. Vocational Courses at UG Level like have at Jr. Level	
			40. "Trevallas and Tourism, Library Science, Fashion Design, Interior Decorator, VastuShastra, Jewelry Making, Cooking, Yoga Certificate course असायला पाहिजे."	
			41. Every college should be allowed to make its own syllabus according to autonomous curriculum	
			42. First of all, it is necessary to demand from the government whether employment is available in our area before starting the vocational course, otherwise such a large group will go astray in search of jobs and the course planned by the university will have to be closed in a short period of time.	
			43. GST Course as well as Income Tax Practice Accountant Computer Accountant Small certificate or diploma courses are required to be introduced so that students can start their own business.	
			44. The existing courses should be improved	



Sr. no.	Stake holder	Sample Size	Important inputs suggestions	To what objective (2.1 to 2.10) does this input/ suggestion relates
			45. Employment Oriented Courses	
			46. Business extension courses that can grow in that area through field survey will definitely be successful.	
			47. Considering Van-Vaibhava of Gadchiroli district, the University should start skill courses based on it using the material	
			48. Applied Language Courses	
			49. Courses should be started which will lead to employment	
			50. Tourism, military training, internal security study program to start.	
			51. According to different business different skills are required so decide and do that.	
			52. Employment oriented courses should be started for students	
			53. Girls need to be trained for self-employment	
			54. Field based curriculum	
			55. Job Placement	
			56. In spite of developing new courses and spending on them, try to assure whether the present courses could provide secured jobs without horse trading ....	
			57. Short term courses in collaboration with industries should be started. Also, trainings for teachers should be conduct.	
			58. "Laboratory Technician Diploma, Polytechnic Diploma, Hotel Management Diploma, yoga Diploma, P G Diploma for analytical chemistry, RashtriyaApada Diploma	
			59. Foreign language courses should be started	
			60. Judicial Microbiology Industrial Microbiology Nanotechnology IPR Defense science	
			61. Short term courses in collaboration with industries should be started. Also, trainings for teachers should be conduct.	
			62. Skill Courses	
			a. Certificate course in Tally for Commerce Students.	
			b. Online Certificate course in Share Market for Commerce Students.	
			c. Certificate Course in Direct & Indirect Tax.	

Sr. no.	Stake holder	Sample Size	Important inputs suggestions	To what objective (2.1 to 2.10) does this input/ suggestion relates
			d. Certificate Course in Spoken English 63. Skill oriented a. Employment oriented courses should be started. b. A course based on forests should be started c. Tourism courses should be started. d. There should be a center for conservation and preservation of tribal culture and tradition and language. 64. By choosing an employment-oriented course, there is a need to guarantee employment. 65. A course should be started where students can be given internships in villages for 3 months. 66. Any job oriented 67. Constitute a committee of experts taking into account the situation in your district and implement their suggestions 68. Computer Curriculum technology skills 69. The university should include new skills in the curriculum after identifying what is needed in the future 70. Employment oriented and competitive curriculum. 71. There should be enough teachers to develop professional skills and their ability to impart skills.	
3.	Parents	08	Fine art course and various type of courses Business related courses Small Scale Industries Sports Facilities M.P.S.C. Classes for future plane Sport development and agriculture Bamboo based industries , Agricultural industries, Construction To Start job oriented Vocational Courses Development Education Facility Program for Many activities for education Less Exam Fees Annual Pattern Exam	2.1, 2.3, 2.4, 2.5, 2.6, 2.10

Sr. no.	Stake holder	Sample Size	Important inputs suggestions	To what objective (2.1 to 2.10) does this input/ suggestion relates
4.	Principals	13	<p>Course Which Include Use of ICT in Teacher Education Programme Course related to Improve competency in English Language</p> <p>B. Tech. Cosmetic technology course and courses related with forest management, hotel management &amp; catering technology, Architecture (B. Arch.), M. Pharm.</p> <p>ICT, Spoken English, Communicative English, Bamboo based industries, Agricultural industries, Computer Application ,Market Research Statistics, Jewelry Research Statistic, Jewelry Design, Adventure Sports, Aerobic &amp; Fitness, Tourist Guiding &amp; Foreign Languages, Advertising, Journalism And Media Studies, Commercial Art, Translation, Copy-Editing &amp; Proof Reading, Creative Design, Yoga &amp; Alternate Therapy, Instrumentation, Food Analysis &amp; Quality Assurance, forensic Sciences, Bio Resources &amp; Utilization Techniques, Sound Recording &amp; Sound Reproduction, Telecommunication Management, Statistical Quality Control, Administrative Courses, Carrier guidance courses, honey collection, bamboo-crafts etc.</p> <p>The University should hold at least one meeting of Principal in a month to discuss and solve the problems faced by the colleges Granting permission to colleges to conduct odd semester examination at their odd and Even semester examination should be conduct by the university.</p> <p>Chandrapur &amp; Gadchiroli district are well known for cultural heritage (ZadipattiRangbhumi) has annual turnover of 4-5 crore rupees during a period of December to March. As Such needs base courses in the field of drama technician, light effect, music, dramatist &amp; diploma courses ,University should take initiative to establish functional employment cum placement cell in collaboration with various companies in and around Maharashtra.</p>	2.1, 2.2, 2.3, 2.4, 2.6, 2. 10

Sr. no.	Stake holder	Sample Size	Important inputs suggestions	To what objective (2.1 to 2.10) does this input/ suggestion relates
			<p>Traditional indigenous sports event needs attention along with the recent exotic sports and proper training camp throughout the year having budgetary support.</p> <p>College should be encouraged for acquiring permanent affiliation Status by lowering the fees so that they can apply for UGC Grants</p> <p>University should go for NAAC accreditation, Fulfill UGC norms so as it could be listed in UGC</p>	
5.	Representatives of the Management	3	<p>It should become one of the premier educational centers in the country.</p> <p>Admission Enrollment &amp; Examination schedule be fixed in the beginning of every session</p> <p>Old Semesters examination should be conducted by the college and even semester by the University</p> <p>Online system adopted so hard copy system to be given up</p> <p>Coordination in University Parents Students &amp; College Committee</p> <p>Drama and Acting degree Courses should be started by University Drawing School Fine Art Courses</p> <p>Systematic Coordination with Private managements</p>	2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.10
6.	Industrialists	08	<p>1. Entertainment</p> <p>2. Start free internship with industry to develop work time management</p> <p>3. Apart from theory, importance should be given for onsite training to develop proper skills required for Industry.</p> <p>4. Production skill, Marketing Skill, New technology, Risk taking ability skill etc.</p> <p>5. Professional Courses</p> <p>6. Digital Design animation VFX</p>	NA
7.	Eminent persons	NA	NA	
8.	Non-teaching staff/officials	8	NA	NA

Sr. no.	Stake holder	Sample Size	Important inputs suggestions	To what objective (2.1 to 2.10) does this input/ suggestion relates
9.	Members of statutory bodies of university	25	Establishment of Research & Development Center	2.4
			Courses with job orientation/ potential should be offered	2.5,2.6
			Student grievance cell, development cell and placement cell to be established	2.2,2.8
			Colleges situated in tribal areas should offer technical courses like ITI.	2.4,2.6
			Colleges at tehsil places should offer PG courses	2.1,2.2
			Appointment of full time teachers by Government	
			Colleges having NAAC, CGPA more than 2.5 should be given permanent affiliation status.	2.3
			Skill based courses to be introduced in particular at tehsil-based colleges	
			PG courses in every subject offered at UG level should be offered.	2.6
			Annual Examination Pattern is beneficial for student as they can participate in various cultural activities and sports events which normally organized during semester end examinations.	2.8
			University fees to be minimized as students belong to very poor / backward families having low income.	
			Non-viable courses should not be closed.	2.2
			Sponsored workshop at Varsity for Non-teaching staff to improvise their work efficiency	2.3,2.10
			Establishment of agricultural colleges in the region considering potential farming.	2.4,2.6,2.10
			Starting M Phil courses in subjects which are not available today.	2.3,2.6,2.10
			Grant of recognition as CHLR in those subjects which are not available.	2.4,2.10
			Starting of Law College at Gadchiroli and Bramhapuri	
			Starting of Integrated courses in Arts, Commerce and Science	
Ensuring Grants for affiliated colleges				
Avoid excessive (more than needed) colleges at particular locations	2.1			
Ensuring quality and modern curriculum that is particularly related to deal with local aspirations	2.1,2.2,2.10			

Sr. no.	Stake holder	Sample Size	Important inputs suggestions	To what objective (2.1 to 2.10) does this input/ suggestion relates
			Provision of Varsity sub center at Chandrapur	2.4,2.5,2.10
			Competitive Examination preparation center at university	2.1,2.3
			Promote even distribution of academic and professional colleges in all the tehsil	2.1,2.2
			New Varsity campus at the earliest possible for overall development of the region	2.1,2.2,2.7,2.10
			Other activities like sports, arts should be promoted	2.7,2.8,2.9,2.10
10.	Government officials	NA	NA	NA

### Annexure 12

#### A) Locational Plan for New Women Colleges

Sr. No.	District wise No. of Colleges	Taluka	Location for proposed Colleges	Proposed Colleges & Faculties - Arts (A) / Commerce (C) / Science (S) / Fine Arts (FA)				
				No of Colleges	H	C & M	S & T	FA
1	2	3	4	5	6	7	8	9
1	Gadchiroli-04	Bhamragad	Bhamragad	01	✓	✓	✓	
		Sironcha	Sironcha	01	✓	✓	✓	
		Etapalli	Etapalli	01	✓	✓	✓	
		Mulchera	Mulchera	01	✓	✓	✓	
2	Chandrapur-03	Chandrapur	Datala	01	✓	✓	✓	
		Jiwti	Jiwti	01	✓	✓	✓	
		Chimur	Bodadha	01	✓	✓	✓	
<b>Total No of Colleges</b>				<b>07</b>				

#### B) Locational Plan for New Night Colleges

Sr No	Name of the Taluka	Place of Location	No of College/s	Faculty		
				H	C & M	S & T
<b>Gadchiroli District</b>						
1	Gadchiroli	Gadchiroli	1(CC)	✓	✓	✓
2	Dhanora	Dhanora	1(CC)	✓	✓	✓
3	Kurkheda	Kurkheda	1(CC)	✓	✓	✓
4	Korchi	Korchi	1(CC)	✓	✓	✓
5	Aheri	Aheri	1(CC)	✓	✓	✓
6	Bhamragad	Bhamragad	1(CC)	✓	✓	✓

Sr No	Name of the Taluka	Place of Location	No of College/s	Faculty		
				H	C & M	S & T
7	Etapalli	Etapalli	1 (CC)	✓	✓	✓
8	Sironcha	Sironcha	1(CC)	✓	✓	✓
<b>Chandrapur District</b>						
9	Bramhapuri	Bramhapuri	1(CC)	✓	✓	✓
10	Jiwti	Jiwti	1(CC)	✓	✓	✓
11	Pombhurna	Pombhurna	1(CC)	✓	✓	✓
12	Gondpipiri	Gondpipiri	1(CC)	✓	✓	✓
13	Sawli	Sawli	1(CC)	✓	✓	✓
14	Chimur	Bhisi	1(CC)	✓	✓	✓
15	Chandrapur	Datala	1(CC)	✓	✓	✓
16	Chandrapur	Ghugus	1(CC)	✓	✓	✓
<b>Total number of colleges</b>			<b>16</b>			

### C) Locational Plan of New Colleges for Deaf and Dumb

Sr No	Name of the Taluka	Place of Location	No of College/s	Faculty	Courses
<b>Gadchiroli District</b>					
1	Gadchiroli	Gadchiroli	1	Arts	B.A.
			1	Commerce	B. Com
2	Aheri	Aheri	1	Arts	B.A.
			1	Commerce	B. Com
<b>Chandrapur District</b>					
3	Chandrapur	Chandrapur	1	Arts	B.A.
			1	Commerce	B. Com
<b>Total number of colleges</b>			<b>03</b>		

### D) Locational Plan for New Colleges

Sr. No.	District wise No. of Colleges	Taluka	Location of proposed College	Proposed Colleges & Faculties - Huma. (H) / Commerce (C) / Science (S) / Fine Arts (FA)				
				No of Colleges	H	C	S	FA
1	2	3	4	5	6	7	8	9
1	Gadchiroli	Aheri	Aheri	01				✓
2			Permilli	01	✓			
3		Chamorshi	Regdi	01	✓			
4		Gadchiroli	Gadchiroli	01		✓		✓
5			Wasa-Porla	01	✓	✓	✓	
6		Kurkheda	Kharmattola	01	✓			
7		Mulchera	Sundarnagar	01	✓			
8		Sironcha	Asaralli	01	✓			
9		Etapalli	Kasansur	01	✓			

Sr. No.	District wise No. of Colleges	Taluka	Location of proposed College	Proposed Colleges & Faculties - Huma. (H) / Commerce (C) / Science (S) / Fine Arts (FA)				
				No of Colleges	H	C	S	FA
10		Dhanora	Murumgaon	01		✓		
11	Chandrapur	Bhadravati	Majri	01	✓	✓	✓	
12		Bramhapuri	Bramhapuri	01				✓
13		Chandrapur	Chandrapur	01				✓
14			Morwa	01	✓	✓	✓	
15			Kosara/Dataala	01	✓	✓	✓	
16		Chimur	Bodadha	01	✓	✓	✓	
17		Nagbhid	Kampa	01	✓			
18		Sindewahi	Sindewahi	01				✓
19		Warora	Temurda	01	✓	✓	✓	
20			Khambada	01	✓	✓	✓	
21		Saoli	Pathri	01	✓	✓	✓	
22		Jiwati	Tekamandwa	01	✓			
23		Gondpipri	Dhaba	01	✓			
Total Number of Colleges				23				

#### E) Skill Development Colleges under section 112 and 113 of the M P U Act 2016.

Proposals will be invited for providing skill education relevant to the needs of the local region under the provisions of section 112 and 113 of the Maharashtra Public Universities Act 2016. The applicants are to submit the appropriate proposals as skill knowledge provider/s within the region under the jurisdiction of Gondwana University, Gadchiroli.

#### F) Locational Plan for Satellite Center/s

Sr. No.	District	Taluka	Proposed Location of Satellite Center
1	2	3	4
1	Gadchiroli	Mulchera	Sundernagar
2		Sironcha	Ankisa/Asaralli
3		Bhamragad	Laheri
4		Korchi	Salhe
5		Dhanora	Pendhri
6	Chandrapur	Jiwti	Jiwti
7		Sawli	Pathri
8		Ballarpur	Visapur
Total No of Satellite Centers : 08			

#### G) Extension / Expansion through new courses, subjects, additional divisions and new faculty in the light of NEP 2020 Implementation:

- Proposals shall be invited from the existing affiliated colleges regarding extension of new course, subjects,



faculty and additional divisionas per the procedure specified in the M. P. U. Act, 2016.

- Herein attempts are proposed to upgrade affiliated colleges into double faculty/multi-faculty colleges so and such that multi-disciplinary education can be imparted as envisaged in NEP 2020.
- Existing growth-oriented towns and talukas are identified having potential for improvement in GER enrolment in respect of overall, female students, SC, ST and NT category students.
- As part of strategies to boost enrolment, promotion of Govt. welfare schemes to ensure potential enrolment in most backward areas of the university region shall be undertaken by our student welfare department.

### Annexure – 13

#### Proposed skill courses relevant to the local region

Sr No	Name of the Course
1	Certificate Course in Optometry
2	Certificate Course in Co-operatives
3	Certificate Course in GIS
(Geographical Information System)	
4	Certificate Course in Water Technology
5	Certificate Course in Nursing Assistant
6	Certificate Course in Catering Management
7	Certificate Course in Hospital Management
8	Certificate Course in Python
9	Certificate Course in Gondi Speaking
10	Certificate course in Bamboo products
11	Certificate course in Bamboo as construction material
12	Certificate course in herbal medicines
13	Certificate course in sericulture
14	Certificate course in aquaculture
15	Certificate course in honey production
16	Certificate course in mushroom production
17	Certificate course in wooden crafts
18	Certificate course in food products from wild fruits
19	Certificate course in tribal tourism
20	Certificate course in rice processing
21	Certificate course in solar technology
22	Certificate course in soil analysis
23	Certificate course in wild life photography & videography
24	Certificate course in dairy technology
25	Certificate course in wild life tourism
26	Certificate course in oil seed processing
27	Certificate course in making of pottery and ceramic wares
28	Certificate course in In-store promoters
29	Certificate course in Sales associate
30	Certificate course in Distributor salesman

31	Certificate course in Debt recovery agent
32	Certificate course in Business correspondent / facilitator
33	Certificate course in Accounting
34	Certificate course in Tax Consultant (GST)
35	Certificate course in Insurance & Mutual Fund Planner
36	Certificate course in Entrepreneurship development
37	Certificate course in Identification and conservation of Medicinal Plants
38	Certificate course in Laboratory Management and Water Analysis
39	Certificate course in in Laboratory Management and Food Analysis
40	Certificate course in Tally
41	Certificate course in Dress Designing and Fashion Coordination
42	Certificate course in Nursery Management
43	Certificate course in Rural Journalism and Mass Communication
44	Certificate course in Event Management
45	Certificate course in Hospitality Management
46	Certificate course in Vermi Composting
47	Certificate course in Panchgavya
48	Certificate course in Web Designing
49	Certificate course in Analytical Skill
50	Certificate course in Tourism Planning and Sustainable Development
51	Certificate course in Biodiversity

Note: In addition, sector specific skill courses as prescribed under NSDC/SSC will be implemented through university, affiliated colleges and VTI/VTP/SDC as special purpose vehicle.

### Proposed Degree Level Courses

<b>Faculty of Humanities</b>	
1	Performing Arts
2	Mass Communication
3	Rural development
4	Yoga studies
5	Archeology
6	Translation
7	Socio-Anthropology
8	Industrial Economics
9	Administrative Services
10	Creative writing
11	Multimedia
<b>Faculty of Commerce and Management</b>	
12	Accounting & Auditing
13	Agripreneurship
14	Forest Management
15	Hospitality Management
16	Event Management

17	Travel and Tourism
18	Hotel and Tourism
<b>Faculty of Science and Technology</b>	
19	Data Science
20	Disaster Management
21	Wildlife Conservation and Management
22	Forestry / Agro-forestry
23	Applicable Mathematics (Note-includes tally)
24	Food processing
25	Drug Chemistry
26	Economics
27	Musiology
28	Resource management
29	Ecology
30	Fisheries
31	Cyber security
32	Medicinal Chemistry
33	Water Management
34	Sericulture
35	Medicinal plants
36	Renewable energy
37	Aqua culture
38	Artificial Intelligence
39	Animal protection
40	Herbal plants and International trading
<b>Proposed Diploma/Certificate Courses in various Art forms</b>	
1	Fine arts
2	Performing arts
3	Folk dance
4	Wild life tourism
5	Handicrafts
Note: New Colleges are expected to select and offer programs and courses as proposed above.	
<b>Proposed PG Level Courses</b>	
<b>Sr No</b>	<b>Name of the Course</b>
1	M.Sc. in Biotechnology
2	M.Sc. in Microbiology
3	M.Sc. in Electronics
4	M.Sc. in Botany
5	M.Sc. in Zoology
6	M.Sc. in Environmental Science
7	M.A. in Political Science

8	M.A. in Public Administration
9	M.A. in Yoga
10	M.A. in Performing Arts
11	M.A. in Fine Arts
12	Master of Library and Information Science (M Lib & I. Sc.)
13	Master of Social Work (M.S.W.)

**Rationale/justification –**

- Considering rich biodiversity of the University region
- To boost employment with local industries
- Inclination of newly enrolled students towards civil/administrative services.
- To empower enrolled students with skill-oriented courses so as to make them employable as well as self-employed.

**Annexure 14**

**5.7 Developing R&D partnership with the industry:**

➤ **Centre of Invention, Innovation, Incubation and Training (CIIT)**

The Gadchiroli District Administration in association with Tata Technologies Limited (TTL) is establishing CIIT for training of High-End Technologies as part of CSR Activity. The MoU is signed between the Gadchiroli District Administration and Gondwana University, Gadchiroli. The Project Cost is Rs. 170 Crore, wherein Rs. 30 Crore is provided by the State Government and Rs. 140 Crore by Tata Technologies Ltd. and that the university has allocated 1.0 acres of land at the existing campus. The initial operationalization by Tata Technologies Ltd. for first three years and then by the Gondwana University, Gadchiroli under the mentorship of Tata Technologies Ltd. The construction work has commenced in the year 2023 and is likely to complete by the year end.

➤ **Central Instrumentation Facility (CIF)**

The university has Post Graduate teaching departments in the subjects, mathematics, chemistry, physics and computer science under the faculty of science and technology. The departments are empowered with laboratories as per the prescribed curricula. However, with an object to nurture a research ambience amongst faculties of the campus and affiliated colleges, it is proposed to develop and establish a Central Instrumentation Facility (CIF) at the campus having following high-end equipments and instruments. The Table given below indicates the same.

### Central Instrumentation Facility

Sr. No.	Name of the Equipment	Quantity	Amount in Lakhs	Justification
1	Inverted Fluorescence Microscope	1	22	Imaging and viewing specimens stained with fluorescent dye
2	Tubular furnace with vacuum system	1	10	for incineration of biowaste
3	Camera with image processing software	1	1.5	for studying histology and morphometric details of cells of pancreas and extra-pancreatic tissues
4	Rotary vacuum evaporator with vacuum pump	1	6	For preparation of phospholipid complex of thermo-labile herbal activities
5	FT-IR Spectrometer	1	20	To study the surface properties of samples as well as understanding the different bondings and impurities
6	UV-Visible Spectrophotometer with reflectance facility (for Solids)	1	10	precision determination of concentration and in bioactive samples and natural products
7	High precision analytical balance	4	10	For quantitative analysis of the target species including the toxic metals, anions and organic compounds
8	Differential Scanning Calorimeter	1	31	Measurement of calorific content of biomaterials
9	NMR spectrometer 400 MHz	1	200	Confirm the identity of a substance in organic chemistry and structural characterization of proteins and biomolecules
10	Raman Spectrometer	1	10	to observe vibrational, rotational and other low-frequency modes in a system
11	Chemiluminometer	1	2.5	It will be useful for a wide variety of assays including luciferase assays, ATP assays, cellular luminescence, gene reporter assays, enzyme activity assays and many more assays
12	Humidity Chamber	1	1.5	rearing of animals
13	Nitrogen generator	1	10	This will be used for purging of biological samples as well as for maintaining the inert atmosphere
14	Mushroom cultivation system	1	40	For Mushroom cultivation

<b>Sr. No.</b>	<b>Name of the Equipment</b>	<b>Quantity</b>	<b>Amount in Lakhs</b>	<b>Justification</b>
15	Liquid Nitrogen Plant	1	240	The main purpose of a cryogenic plant is for continuous supply of high purity gaseous (GAN) for experimental and storage and preservation of biological samples
16	Spectrofluorometer LS 55	1	20	for analysis of conversion materials and natural products
17	UV-VIS-NIR Spectrometer	1	45	absorption properties of biomaterials and natural extracts from 200 - 2500nm range
18	Vaccum Oven	1	5	A vacuum drying oven is most often used for delicate drying processes such as drying tiny parts or removing flammable solvents decontaminating samples ( removing lubricants for example ) as well as for speeding up the out gassing process
19	Oven	1	5	For maintaining temperatures of the experimental tubes, petriplates, flasks during incubation time etc.
20	Transmission Electron Microscope (TEM)	1	500	TEM will be used in cancer research, virology and material science as well as pollution, nanotechnology and semiconductor research
<b>Total number of Instruments and Cost</b>		23	1189.50	--

**Annexure15**  
**Basic Infrastructure**

<b>Item</b>	<b>Norms</b>	<b>Proposed component</b>	<b>Amount in Rs. (Crore)</b>	<b>Justification</b>
Primary Campus of the University at MoujaAdpalli, Tah and District Gadchiroli	Plan for imparting education to local populous with a motive to fetch them in National and International stream – New Construction	Administrative Block	173.12	Gondwana University Gadchiroli is functioning from 27th Sep 2011 in tribal & backward region of eastern Maharashtra. The primary motto and object of the University is to provide higher education and facilities of research for the better development of students, academic staff, and researchers of this tribal region. Therefore, basic infrastructure is the primary need of the University having following broad objects:  ● To recruit 80 Teaching and 200 Non-teaching staff members by 2030  ● Ensure admission of 10,000 students at campus by 2030  ● To facilitate over 50 Foreign students on-campus by 2030  ● Mega hostels and mega common mess for 10,000 students at primary campus by 2030.  ● To improve GER of the University region from 14% to 20% by 2030
		Workshop/Laboratories	17.31	
		Training and Placement	17.31	
		Sport Activity Department	17.31	
		Lecture Hall	34.62	
		Boys Hostel	49.57	
		Girls Hostel	49.57	
		Non-teaching staff quarters	2.51	
		Teaching staff quarters	9.19	
		Senior faculty quarters	3.06	
		V.C. Bungalow	1.74	
		Pro VC Bungalow	1.21	
		Registrar Bungalow	0.87	
		Directors Bungalow	2.08	
		Dean Quarters	2.61	
Senior staff quarters	9.02			
Utility Shops	9.02			

	Guest House	5.45
	Hostel for married students	3.63
	Dispensary	0.72
	Others and Miscellaneous	474.47
	<b>Total</b>	<b>884.39</b>

**Annexure16: Constituent Engineering Institute of the University**

<b>Item</b>	<b>Norms</b>	<b>Proposed component</b>	<b>Amount in Rs. (Crore)</b>	<b>Justification</b>
University Institute of Technology	Plan for imparting technical education to local tribal populous with a motive to fetch them in National stream – New Establishment	Undergraduate and Post Graduate Programs, Diplomas and Certificate Programs in Cutting Edge Technologies such as Artificial Intelligence, Machine Learning, Data Analytics, Business Management, Block Chain Technology, Crypto Currency, Quantum Computing, Climate Change, Mining Engineering, Metallurgy and Material Science, Computer Science, Forest Management, Tribal Studies, etc. 50% of the seats in this institute will be reserved for the domicile students of Gadchiroli and Chandrapur District and the remaining seats will be filled from the National Competitive Examination.	200.0	<ul style="list-style-type: none"> <li>-The Gondwana University Gadchiroli is functioning from 2 Oct. 2011 in tribal &amp; backward region of eastern Maharashtra and the area is affected with Naxalites and therefore there is dire need of Institutes imparting technical education to the students.</li> <li>-Gadchiroli city is host to a Govt. Science College and a Govt. Polytechnic.</li> <li>-The University is recognized with 2(f) and 12(b) status by UGC, New Delhi and has 12 PGTDs including MBA, constituent Model Degree College and Science and Technology Resource Center.</li> <li>-Against this background, a Constituent Engineering Institute of the University is a desperate need for following reasons;</li> <li>-Local need of trained manpower due to presence of major industrial activities like Surjagarh Iron Ore Mines, Llyods Steel Plant, Power Plants etc.</li> <li>-University has no constituent engineering college and</li> <li>-University region lacks National level Institutions.</li> </ul>



**Annexure 17 : Institute of Pharmacy (University Constituent College)**

<b>Item</b>	<b>Norms</b>	<b>Proposed component</b>	<b>Amount in Rs. (Crore)</b>	<b>Justification</b>
Institute of Pharmaceutical Sciences and Research	Plan for imparting pharmaceutical education to local populous with a motive to fetch them in National stream – New Establishment	Under-Graduate and Post-Graduate program in Pharmaceutical Sciences	100.0	<ul style="list-style-type: none"> <li>-Lack of pharmacy college in the University and Gadchiroli District</li> <li>-University region being a National Level Biodiversity Zone which hosts more than 600 botanical species of medicinal plants</li> <li>-Over the years, hundreds of local tribal healers are practicing their inherited traditional knowledge for human wellness</li> <li>-Local aspiring students shall have opportunity to seek pharmacy education as part of their career profile</li> <li>-To collaborate with forest and agriculture department in a manner to conserve and protect rare species of medicinal plants</li> </ul>

**Annexure 18: Institute of Legal Studies and Research (University Constituent College)**

Item	Norms	Proposed component	Amount in Rs. (Crore)	Justification
Institute of Legal Studies and Research	<p>Plan for imparting Legal education to local populous with a motive to fetch them in National stream</p> <p>– New Establishment</p>	<p>Under-Graduate programmes in Law</p> <p>pro-</p>	<p>100.0</p>	<ul style="list-style-type: none"> <li>- Lack of law college in the University and Gadchiroli District</li> <li>- University region host to noted Social Activists of the Nation, who are working for overall upliftment of the local under-served masses by way of specific projects.</li> <li>- University region is also host to 39% Tribal in 1438 Gram Sabhas having Community Forest Rights (CFR) and Gadchiroli district is also known for noted PESA activist, ShriDevajiTofa of LekhaMendha</li> <li>- Against this background, there is dire need for Law College</li> <li>- To ensure Judiciary collaboration with university region district courts and rest of the legal institutions of the region like National Law School, Nagpur, Bombay High Court Bench, Nagpur etc.</li> <li>-To provide a legitimate platform for Customary Law and the local tribal for their judiciary related needs especially in the absence of specific laws.</li> </ul>

### Annexure 19: Faculty Recruitment

Item	Norms	Proposed component	Amount in Rs. (Cr.)	Justification
Recruitment of faculties	As per UGC guidelines and State Norms from time to time	Expected staff in coming 5 years - 52 teachers	0.60 Cr. per year per department for 5 years = 7.80	<p>-The university has proposed 13 PG departments i.e. M.Sc. in Biotechnology, Microbiology, Electronics, Botany, Zoology, Environmental Science, M. A. in Fine Arts, Performing Arts, Political Science, Public Administration, and Yoga, Master of Library and Information Science (M Lib &amp; I. Sc.), Master of Social Work (M.S.W.).</p> <p>-The university has 12 granted PG departments i.e. Mathematics, English, History, Commerce, Sociology, Physics, Chemistry, Computer Science, Applied Economics, Marathi, Mass Communication and M.B.A. The university has implemented Choice based credit system (CBCS) from the academic session 2015-16 and is also implementing UG and PG programs as per NEP 2020 from the academic session 2023-24.</p> <p>-The expected staff is proposed considering next 5 years to improve the overall GER of the region and student teacher ratio.</p>
		<b>Total</b>	<b>7.80</b>	

**Annexure 20:**

**Details of Study Centre proposals forwarded to Govt. for preservation/appreciation of local culture/history/art forms**

<b>Item</b>	<b>Norms</b>	<b>Proposed component</b>	<b>Amount Rs. (Cr.)</b>	<b>Justification</b>
University Academic Development	New Establishment	1. Karmayogi Baba Amte Study Centre	4.13	-Availability of empowered study centre for socially inclined individuals having interest in perpetuating benefits to the society -A platform to publicize credentials of Karmveer Dr Baba Amte -To offer vivid courses
		2. Tribal Study Centre	0.7878	-To offer UG, PG and Doctoral Programs -Capacity building of school education in respect of courses, syllabus, reference books etc -A platform for tribal health research and extension -A platform for woman and child development issues
		3. Dr Babasaheb Ambedkar Study Centre	1.0088	-To disseminate contributions of Dr Babasaheb Ambedkar -To undertake research -To institute courses in accordance to the needs of the region
		4. Pandit Dindayal Upadhyay Integral Humanism Centre	4.13	-To study and introspect fundamental aspects of integrated humanism -To institute programs in a manner to benefit economically backward students -Capacity building of Gran Sabhas
		5. RashtrasantTukdojiMaharaj Study Centre	4.22	-To study and conduct research on contributions of RashtrasantTukdojiMaharaj -To propagate thoughts and philosophies through means of programs, courses, fellowships etc -To organize seminars, workshops etc for sensitization of the concerned

		6. Jagadguru Sant Tukaram Maharaj Study Centre	NA	Envisaged during the period 2024-29
		7. Mahatma JyotibaPhule Study Centre	NA	Envisaged during the period 2024-29
		8. LokkaviWaman Dada Kardak Study Centre	NA	Envisaged during the period 2024-29
		9. Chhatrapati Shivaji Maharaj Study Centre	NA	Envisaged during the period 2024-29
<b>Total</b>			<b>3.50</b>	

### Annexure 21 : Sports Complex

Item	Norms	Proposed component	Amount in Rs. (Cr.)	Justification
Promotion of various Sport Forms within the University region	New Construction	Fully Residential Indoor and Outdoor Sports Complex comprising of : Running Track	1.50	The University has only a playground and it is necessary to strengthen various sports facilities within the ambit of Varsity.
		Gallery for viewers	5.00	The students of this tribal area are much interested and advanced in sports and are taking part in various forms of sports to the extent of National level participations and therefore it is a must for us to encourage and develop their sport skills.
		Indoor Stadium	5.00	It is therefore we envisage a Fully Residential Indoor & Outdoor Sports Complex with an intent to promote traditional sport of KABBADI and in particular sport of ARCHERY wherein our students have already made inroads.
		Multi-game Hall	3.00	It will feature other forms of sports such as forms of Track & Field, Basketball, Volley ball, Swimming etc.
		Hostels (G+3)	4.50	
		Admin &Gymnasium	3.50	
		Others	2.0	
		<b>Total</b>	<b>24.50</b>	

**Annexure 22 : Health Centre**

<b>Item</b>	<b>Norms</b>	<b>Proposed component</b>	<b>Amount in Rs. (Cr.)</b>	<b>Justification</b>
Health Centre	Plan for primary level Health care for university staff and inmate students - New Construction	Health Centre having Medical officer, pharmacist, paramedical & administrative staff.	5.00	University employees along with inmate students to get primary level medical facilities, emergency medical support, development of sports under medical supervision etc. Free medical treatment along with free medicines through OPD to all the concerned. Providing for medical examination of the staff and Supervision of medical records of affiliated colleges.
<b>Total</b>			<b>5.00</b>	

**Annexure 23 : Decentralization of University Administration**

<b>Item</b>	<b>Norms</b>	<b>Proposed component</b>	<b>Amount in Rs. (Crore)</b>	<b>Justification</b>
Establishment of Sub-Centre	As per the provision of M P U Act,2016 - New Construction	Sub-Centre at Chandrapur	50.0	-The University jurisdiction is confined to the districts of Gadchiroli and Chandrapur -University head-quarter is situated at Gadchiroli hence sub-campus is envisaged at Chandrapur. -Chandrapur district features major industries in core sectors like power, cement, steel, paper etc and number of MSMEs which will help to augment partnership with the local and ultimately national level industries. -Moreover the population of Chandrapur district is twice that of Gadchiroli district enough to host two-third of affiliated colleges. -The sub-centre shall offer professional and skill based courses like MBA, MCA, BCA, Law, Pharmacy, Computer Science, Rural Development etc. -Department of Higher and Technical Education, Govt. of Maharashtra on dtd 1.06.2023 has approved Sub-Centre at Chandrapur.
<b>Total</b>			<b>50.0</b>	

**Annexure 24: Summarized Abstract of Financial Assistance Pursued**

<b>Sr No</b>	<b>Particulars of Item</b>	<b>Amount in Crores</b>
1	Primary Campus of the University at MoujaAdpalli, Tah and District Gadchiroli	884.39
2	University Institute of Technology	200.0
3	Institute of Pharmaceutical Sciences and Research	100.0
4	Institute of Legal Studies and Research	100.0
5	Recruitment of faculties	8.40
6	Karmayogi Baba Amte Study Centre	4.13
7	Tribal Study Centre	0.7878
8	Dr Babasaheb Ambedkar Study Centre	1.0088
9	Pandit Dindayal Upadhyay Integral Humanism Centre	4.13
10	RashtrasantTukdojiMaharaj Study Centre	4.22
11	Sports Complex	24.50
12	Health Centre	5.0
13	Chandrapur Sub-Centre	50.0
14	Drone School at Adpalli Campus	0.9715
15	Central Instrumentation Facility	15.0
16	Model Tribal School	100.0
<b>Grand-Total</b>		<b>1502.5381</b>