

FIVE YEAR PERSPECTIVE PLAN 2019-2024

GONDWANA UNIVERSITY,
GADCHIROLI - 442 605 M.S.



To
The Chairman
M. S. Commission for Higher Education & Development
MAHED, Mumbai

We are delighted to forward five-year *Perspective Plan* of our University for the period 2019-24 and yearly plan for 2019-20. 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 Expert committee on *Perspective plan*.

We sincerely appreciate the efforts instituted against reforms in university education system by Shri Devendraji Fadnavis, Hon'ble Chief Minister of Maharashtra and Chairman, Maharashtra State Commission for Higher Education and Development (MAHED).

We do express our heartfelt gratitude towards Shri Vinodji Tawde, Minister for Higher and Technical Education and Vice-Chairman, MAHED, Maharashtra for initiating reforms with an objective to upgrade State Universities in respect of their rankings at the National and International scenario.

We wish to put on record our sincere thankfulness and gratitude to Expert Committee for *Perspective Plan* headed by Dr K B Patil, Ex-Vice Chancellor, North Maharashtra University. Our particular thanks are due to our mentor, Prof G D Yadav, Vice-Chancellor, ICT, Mumbai for sparing his valuable time for mentoring us. We do recognize the sincere efforts taken and appreciate the timely expertise shared by the Expert Committee members and Department of Higher Education.

This document is the outcome of day-night efforts poured by office bearers of the University Board of Deans (BOD) headed by Pro-Vice Chancellor, Dr C V Bhusari and well supported by Prof Manish D Uttarwar, Director (Innovation, Incubation & Linkages) along with Deans of various Faculties namely Dr N S Kokode, Dr R P Ingole, Dr S S Kawale and Dr S M Sakure. The data compilation and other assists was taken care by staff from Development Cell of the University namely, Dr G D Dubey, Shri Devendra Zade, Shri Ravindra Junghari, Shri Vipin Raut, Shri Dilip Nandanwar and Shri Gaurav Chaudhary. It is noteworthy to mention that the efforts were taken by all the members of Management Council, Academic Council and Senate, affiliated colleges and its Principals for preparation of this *Perspective Plan* and to make it all inclusive while fulfilling the aspirations of the peoples of University region.

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1.0 Executive Summary

‘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 rural, tribal and hilly areas are educationally backward due to poor educational facilities. Gadchiroli and Chandrapur are two such under-privileged districts.

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 staple crop of the majority of the people 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 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 university was the fulfillment of a long-cherished dream of a long suppressed, backward and poor cross-section of the less fortunate population of India residing in these two districts located far away from RTM Nagpur University. It was against this backdrop, the government of Maharashtra was impelled to bifurcate the RashtrasantTukdoji Maharaj Nagpur University into RashtrasantTukdoji Maharaj Nagpur and Gondwana Universities, which proved to be great blessings to the economically challenged districts of Gondwana University. 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 Gadchiroli combining Gadchiroli and Chandrapur districts. At present there are 210 colleges affiliated to the University of which 47 colleges are accredited by NAAC out of which 2 colleges are awarded with ‘A’ grade. The area under Gondwana University, Gadchiroli is characterized by educational and economical backwardness. Existingly there are five Post Graduate Teaching Departments in the University. The university has adapted Choice Based Credit System (CBCS) pattern of education from the year 2016-17. The University has introduced ‘on line secured delivery of the question papers’ and on-screen valuation system of the courses.

Ground realities & 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. They incur great losses and are ensnared by mounting debts, sometimes culminating in their suicide. Tiger and leopard attacks form a part of the daily news. Occasionally they are 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 remote colleges situated in the semi-urban or urban areas. The regions have been reported to be ones with the lowest Gross Enrollment Ratio (GER). The spectres 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 salubrious effects of education which are offered at rural, semi-rural and urban areas. Not only that, they have no means to pay for today's costly education as well.

It is true that only well-planned higher education with easy access and equity can empower and emancipate them from the various invisible man-made 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 and fostered to equip themselves for the competitive world. Their local resources have to be optimally modified and used for their increased employment and higher levels of incomes which can ward off the recurrent suicides of the region. They have to be trained to hone their skill development and entrepreneurship.

It is here that the *Perspective Plan* of the University steps in with a comprehensive plan for their upliftment 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, 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.

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 2024
Gadchiroli	14.70	4.0
Chandrapur	23.73	5.0

*Note: Figures as per AISHE'2017.

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 2024
Gadchiroli District		
Bhamragarh	1.50	4.0
Korchi	2.44	5.0
Sironcha	2.83	6.0
Etapalli	3.28	6.0
Dhanora	3.30	6.0
Mulchera	3.41	7.0
Chandrapur District		
Pombhurna	1.36	5.0
Sawli	2.77	5.0
Korpana	3.55	7.0

*Note: Estimates considering age groups of 15-19 and 20-24 years.

GER (Female)

Name of the most backward area	Contribution in GER by the university (expressed as % of the district)	Increment targeted by 2024
Gadchiroli District (GER – 10.995)		
Bhamragarh	1.33	4.0
Sironcha	1.92	4.0
Korchi	2.40	5.0
Etapalli	2.62	6.0
Mulchera	2.94	6.0
Dhanora	3.30	7.0
Chandrapur District (GER – 40.022)		
Pombhurna	0.95	5.0
Jiwati	1.56	5.0
Sawli	2.49	5.0
Gondpipri	3.03	6.0
Mul	3.12	6.0

GER (SC)

Name of the most backward area	Contribution in GER by the university (expressed as % of the district)	Increment targeted by 2024
Gadchiroli District (GER –3.614)		
Mulchera	0.78	3.0
Dhanora	1.27	4.0
Sironcha	2.46	5.0
Korchi	2.80	6.0
Chandrapur District (GER – 12.527)		
Pombhurna	1.49	4.0
Gondpipri	2.00	4.0
Sawli	2.06	5.0
Korpana	2.25	5.0
Warora	2.50	5.0
Mul	3.06	6.0

GER (ST)

Name of the most backward area	Contribution in GER by the university (expressed as % of the district)	Increment targeted by 2024
Gadchiroli District (GER – 5.362)		
Sironcha	1.02	3.0
Mulchera	2.01	4.0
Desaiganj	4.23	5.0
Chandrapur District (GER – 7.222)		
Sawli	1.44	3.0
Pombhurna	1.44	3.0
Gondpipri	2.42	5.0
Jiwti	3.32	6.0
Mul	4.05	7.0
Ballarpur	4.14	7.0
Korpana	4.22	7.0

GER (NT)

Name of the most backward area	Contribution in GER by the university (expressed as % of the district)	Increment targeted by 2024
Gadchiroli District (GER – 1.755)		
Korchi	0.69	2.0
Mulchera	1.54	3.0
Dhanora	1.82	4.0
Sironcha	3.42	7.0
Etapalli	3.59	7.0
Chandrapur District (GER – 6.198)		
Gondpipri	1.49	3.0
Pombhurna	1.49	3.0
Chandrapur	2.61	5.0
Sindewahi	3.58	7.0
Nagbhid	3.58	7.0

Equity

Initiatives	Current Status	Envisaged by 2024
Number of Equal opportunity Cells	06	05
How many departments and colleges have facilities for physically challenged Students	45	100
Number of Schemes for special needs of tribal and disadvantaged groups	00	03
Number of students benefitting from scholarships/Schemes for economically and socially challenged students	37432 (2017-18)	60,000
Schemes for special needs of transgender	00	Schemes will be need based.

2.3 Improving quality and delivery of education

Number of colleges with NAAC accreditation

Number of Affiliated colleges	Currently NAAC accredited	NAAC accredited colleges Proposed by 2024
210	34	25

Number of colleges accreditation with NAAC "A" Grade

Number of Affiliated colleges	Colleges with A grade Currently	Proposed by 2024
210	02	8

Number of Technical Programmes with NBA accreditation

Number of Technical Programmes across all affiliated colleges	Current status	Envisaged by 2024
03	00	02

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

Number of Technical Programmes across all affiliated colleges	Current status	Envisaged by 2024
03	00	02

Academic Audit

Particulars	Current status	Envisaged by 2024
University Departments	00	05
Affiliated colleges	00	210

Decentralization of University administration

Particulars	Current status	Envisaged by 2024
Satellite Centre's, Sub-campuses and Sub-Centers	00	09
Autonomous Departments	00	02
Autonomous Colleges	00	04

Timely declaration of results

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

Programme	2015	2016	2017	2018	Target for 2024
Non-professional courses	40	41	40	40	40
Professional courses	60	58	59	60	40

2.4 Developing R&D partnership with Industry:

Number and type of industries engaged with

Type of Industry	Current status	Envisaged by 2024
Manufacturing/Production	02	05
Services	02	04
Agro-based	03	10
Others	03	06
Total	10	25

Details of engagement with industry

Type of engagement	Current status	Envisaged by 2024
Industrial Consultancy	05	05
Technology Transfer	00	
MoUs/Collaborations	02	05
Number of faculty working on industrial projects	10	25
Number of students working on industrial projects	100	500

Number of patents/IPRs

IPR / Copyright	Current status	Envisaged by 2024
Patents granted	00	05
Patent published	17	30
Copyright	01	02
Total	18	37

2.5 Engagement with regional economic development and aspirations:

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

Details	Current status	Envisaged by 2024
Number of engagements	09	10
Number of faculty involved in	142	1000
Number of students involved in	2178	20,500

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 2024
Number of engagements	04	01
Number of faculty involved in	76	200
Number of students involved in	1424	5,000

2.6 Development of skills and entrepreneurship:

Number of Courses offered in skill development and entrepreneurship

Details	Current status	Envisaged by 2024
Number of Skill Courses	03	47
Number of courses for Entrepreneurship / Entrepreneurship Development	00	01

Details of mandatory internships / in-plant trainings

Programs	Current status	Envisaged by 2024
Professional		
1. Engineering	01 month(Mandatory/Desirable)	01
2. Management	00	01
PG non-professional	00	01
UG	00	01

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

Name of University department/college	Current status	Envisaged by 2024
All University Departments	00	02
All Affiliated Colleges	00	03

Placement cells

Particulars	Current status	Envisaged by 2024
Number of Placement Cells in University Departments and Affiliated Colleges	06	25
Number of students covered by the placement cells	1,500	5,000
Number of students actually placed	400	1,000

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 2024
Fine Art	00	01
Performing Art	00	01
Liberal Art	00	00
Folk Art	00	01
Tourism and Hospitality	00	01
Any other art forms	00	01
Total	00	05

Details of centre's set up for preservation/study/appreciation of local culture/History/art forms

Sr. No.	Name of the Center	University Department / Affiliated college	Existing / Proposed
1	Tribal culture study and research center at university library	01 (University Library)	Existing
2	Centre for Gondwana culture and tribal development	01 (University Campus)	Proposed by 2024 (Refer Annexure 17)
3	02 Tribal Centers / Museums	Affiliated colleges	Proposed by 2024

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 2024
University Departments and Affiliated Colleges	10	25

2.8 Focus on students' welfare

Details	Current Status	Envisaged by 2024
Career counseling and guidance Centre	20	100
Number of students counseled and guided per year	4480	25000
Number of courses conducted per year on life skills and value education	16	20
Number of students of covered per year by the courses on life skills and value education	342	10000
Number of training centers for preparation of competitive examinations	01	10
Number of students covered per year by the Centre for training in competitive examinations	611	2000
Number of 'Learn and Earn' schemes for students	03	03
Number of students benefitting from 'Learn and Earn' schemes	27	100

2.9 Achieving excellence in sports

Details	2015	2016	2017	2018	Target for 2024
Health, fitness and sports facilities (% satisfaction level)	40%	45%	50%	60%	100%
Number of student participating at state level competition	2630	3040	3200	3654	5000
Number of student participating at National level competition	339	445	480	546	1000
Number of student participating at Asian level competition	01	01	01	01	10
Number of student participating at Olympic/ International level competitions	01	01	01	01	05

2.10 Academic leadership in national and global contexts

University Ranking

Ranking and Agencies	2015	2016	2017	2018	Target for 2024
NIRF	NA	NA	NA	NA	500 - 1000
Asia University Ranking	NA	NA	NA	NA	Participation will be attempted only after NIRF ranking in 500 – 1000 range.
QS BRICS Ranking	NA	NA	NA	NA	
QS Ranking (World)	NA	NA	NA	NA	
World University Ranking	NA	NA	NA	NA	

Number of PhD per year

Faculty	2015	2016	2017	2018	Target for 2024
Science	00	00	11	12	40
Engineering & Technology	00	00	01	01	18
Sociology, Economics, Political Science	00	00	02	00	33
Humanities & Arts	00	00	01	01	46

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

Faculty	Key Research Areas
Science	<ul style="list-style-type: none"> -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

Engineering and Technology	<ul style="list-style-type: none"> -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 -Data Mining -Computer Graphics & Animation -Speech and Music Processing -Computer System Security -Product design, innovation and entrepreneurship
Sociology, Economic, Political Science	<ul style="list-style-type: none"> -Tribal development and welfare -Eco and tribal tourism -Socio economic issues -Micro finance -Logistics -Sales & marketing management -Public Policy, Governance and Economics
Humanities and Arts	<ul style="list-style-type: none"> -Characterization of the tribal culture -Translation of the <i>Gondi- Madia</i> 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

3.0 Rationale and Background Data

3.1 The data on enrollment of students suggests that all the seats in all faculties are mostly filled. Therefore, there is need of establishing Govt / Govt aided colleges in the region specifically in Gadchiroli. **(Refer Annexure 1)**

3.2 GER of Gadchiroli and Chandrapur districts are 14.70 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 and korpana. New locations are proposed in these areas. Considering that these areas are in interiors, skill based education is considered appropriate, therefore the colleges proposed in these areas shall have large skill components. **(Refer Annexure 2)**

3.3 About 70% of granted colleges are accredited by NAAC and only 1 of 141 Non-granted college is accredited by NAAC. The University shall have positive interventions to get rest of the aided / un-aided colleges accredited 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. It is therefore required for the University to initiate educational programs which benefits the local population economically and develop social programs which can directly help to raise their economic status. Considering this, a large number of skill-based courses relevant for the local population have to be developed. Also, University needs to act as a catalyst to implement Govt schemes in this region. Both these aspects are integrated in Perspective Plan. **(Refer Annexure 4)**

3.5 Major industries are located only in Chandrapur district and the skill requirements are engineering, mining, geology and chemistry. On the other hand, Gadchiroli district is primarily tribal and there is no presence of any major industries. While Chandrapur district has 4 engineering colleges and Gadchiroli district does not have functional engineering college, it may be appropriate to start an engineering college in Gadchiroli city to maintain the regional balance. However, the past experience suggests that a un-aided engineering college is not viable at Gadchiroli, therefore University has proposed a University conducted college in engineering. **(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, a 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 will be implemented. **(Refer Annexure 8)**.

3.9 The region is blessed with biologically diverse forest having medicinal plants. A certificate course in herbal medicines is 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 limited in this region. However, considering the presence of forested area, scope for wild life photography / tourism do exists and hence a skill-based course is proposed for the same. **(Refer Annexure 10)**.

3.11 All stake holders demanded skill-based courses commensurate to the requirement of local industries 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

Year 1 (2019-20):

- (1)
- (2)
- (3)

Year 2 (2020-21):

- (1)
- (2)
- (3)

Year 3 (2021-22) :

- (1)
- (2)
- (3)

Year 4 (2022-23) :

- (1)
- (2)
- (3)

Year 5 (2023-24) :

- (1)
- (2)
- (3)

5.0 Strategies and Modes of Implementation

5.1 New Locations

Total 70 colleges and centers are proposed incorporating 10 woman colleges, 3 colleges for deaf and dumb, 5 night colleges, 01 conducted engineering college, 45 traditional colleges and 6 satellite centers for the unreached areas. Details are appended with **Annexure 12 and 19**.

5.2 Equity

➤ Equal opportunity cells:

Currently, 5 university departments and 210 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 5

cells across university departments and affiliated colleges having vivid objectives as specified in relevant UGC guidelines. **(Refer Annexure 21)**

➤ Facilities for physically challenged students:

Currently no department and affiliated colleges have full facilities. However, 5 PG departments and 40 colleges have partial facilities such as Access/Walking Ramp, Lavatory, Cycle / Wheel chair, Examination & Classes at ground floor, Front seating arrangement within the classroom etc.

By 2024, it is proposed to consolidate the facilities in these departments/colleges, and have additional 5 departments and 50 colleges equipped with relevant facilities.

➤ Number of schemes for special needs of tribal and disadvantaged groups:

Currently no schemes are offered to such groups other than Govt. schemes. However, by 2024 the university will augment 03 schemes like, (1) Scholarships for Meritorious students (2) Competitive Examination Coaching Center (3) Boys and girls hostel/s etc

➤ 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. **(Refer Annexure 21)**

Current Status			
Integrated Tribal Development Project (ITDP) – Scholarship Scheme for ST students			
Year	2015-16	2016-17	2017-18
Chandrapur	4721	4173	3083
Gadchiroli	4153	3626	3089
Sub-Total	8874	7799	6172
Students availing scholarship from Department of Social Welfare:			
1. Scholarship Scheme for SC students			
Year	2015-16	2016-17	2017-18
Chandrapur	14374	15239	10940
Gadchiroli	4324	3595	1477
2. Scholarship Scheme for VJNT students			
Year	2015-16	2016-17	2017-18
Chandrapur	6847	7939	1584
Gadchiroli	1873	1586	479
3. Scholarship Scheme for OBC students			
Year	2015-16	2016-17	2017-18
Chandrapur	26423	22667	12321
Gadchiroli	6424	5673	1844
4. Scholarship Scheme for SBC students			
Year	2015-16	2016-17	2017-18
Chandrapur	1650	1322	567
Gadchiroli	481	376	174
5. Freeship Scheme for SC students			
Year	2015-16	2016-17	2017-18
Chandrapur	940	675	421

Gadchiroli	339	273	66
6. Freeship Scheme for VJNT students			
Year	2015-16	2016-17	2017-18
Chandrapur	519	376	209
Gadchiroli	205	158	48
7. Scholarship Scheme for OBC students			
Year	2015-16	2016-17	2017-18
Chandrapur	2295	2034	908
Gadchiroli	595	512	164
8. Scholarship Scheme for SBC students			
Year	2015-16	2016-17	2017-18
Chandrapur	80	70	50
Gadchiroli	77	51	08
Sub-Totals			
Chandrapur	53128	50322	27000
Gadchiroli	14318	12224	4260
Grand Total	76,320	70,345	37,432

➤ Schemes for special needs of transgender

Currently we do not have any such schemes. However, by 2024 we propose to have need based specific scheme for transgenders.

➤ Decentralization of University administration

Head Quarters being located at Gadchiroli, sub-campus is planned at Chandrapur for which proposal is pending with Upper Secretary, Department of Higher and Technical Education for decision. 02 Sub-centers, one in each district namely at Chimur (Chandrapur) and Aheri (Gadchiroli) and 06 Satellite centers for unreached areas are also proposed. Apart from this, 2 autonomous departments, one each in the 2 districts and 4 autonomous colleges, two each in the 2 districts are also envisaged by 2024. (Refer Annexure 12 and 28)

5.3 New Courses

Total 83 new courses have been proposed which include 18 certificate courses relevant to the local region, 21 sector specific certificate skill courses prescribed by NSDC, 8 skill courses in commerce and finance, 23 PG courses, 7 Degree courses and 5 diploma/certificate courses. Details are appended with Annexure 13 and 24.

5.4 Modifications/revision of the Existing courses to make them oriented towards the objectives

It is proposed to include at least one skill-based course in all ug programs. This will be achieved using CBCS as a vehicle.

5.5 Implementation of Choice Based Credit System

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. CBCS will be used to implement at least one skill-based component in all UG programs.

5.6 Train the trainers

It is proposed to establish “**Centre for Faculty Development Initiatives**” at Varsity campus. Being newly established University, it is imperative to train the teachers by providing in-house training facilities. (Refer Annexure 15 and 23)

5.7 Developing R&D partnership with Industry

Number and type of industries engaged with

Presently departments and affiliated colleges are engaged with 10 types of industries which includes production / manufacturing, services, agro-based and others. By 2024, it is envisaged to engage with at least 25 local industries of the region. (Refer Annexure 14)

5.8 Strengthening linkages with industry

Details of engagement with industry

Presently departments and affiliated colleges are having 10 consultancies for local industries, traders, farmers etc., technology transfer, MoUs/Collaborations by way of business solutions to Self Help Groups (SHGs) and MSMEs, Vendor development etc. involving more than 10 faculties and 100plus students.

For enhanced engagement with the local industries, it is proposed to establish 03 “***Centers for Research and Innovation each in Humanities, Commerce & Management and Science & Technology***” respectively at the university by 2024. It is also envisaged by 2024 to ensure atleast 05 tie-ups with local industries, vendors/traders, farmers, SHGs and MSMEs by way of MOUs / Collaborations involving more than 25 faculties and 500plus students. (Refer Annexure 14 &20).

Details of Patents/IPRs/Copyrights

Present number of Patent stands at 00 (granted), 17 (published) and 01 Copyright.
Number of Patents envisaged by 2024 are 05 (granted), 30 (published) and 02 Copyrights.

5.9 Engagement with regional economic development and aspirations

Social and Governmental Programs:

University departments and affiliated colleges are currently engaged with (1) Swachh Bharat Abhiyaan (2) State Forest Department Massif Tree Plantation Scheme (3) Sanitation Awareness (4) Unnat Bharat Abhiyaan (5) Beti Bachhao Beti Badhao (6) Celebration of international Yoga Day (7) Assistance to farmer establishments at local level (8) Water Conservation and (9) Jalyukta Shivar involving 142 faculties and 2178 students. During 2019-24, the University departments and affiliated colleges will add schemes on (1) tribal welfare (2) third party

assessments (3) MNREGA(4) UBA (5) UMA (6) GPDP preparation with enhanced participation of 1000plus faculties and 20,500plus students.

Engagement through R & D Investment:

University departments and affiliated colleges are engaging 04 programs like Computer Literacy, Soft Skills & Personality, training of local communities, awareness of digital economy etc in lieu of region-specific economic development and its aspirations involving 76 faculties and 1424 students.

With an objective to ensure regional economic development, it is proposed to establish a “*Center of Excellence for Natural Resources and Management*” by 2024. Apart from this, programs on bringing economic value for the local products like bamboo, teak wood, rice, tribal art, medicinal plants, wild fruits and tourism etc will be organized. It is envisaged to involve 200 faculties alongwith 5000plus students in order to enhance interaction with local communities, SHGs, MSMEs etc in respect of their products and its utilization so as to ensure comprehensive economic development of the region.(Refer Annexure 16, 22 and 27).

5.10 Development of skills and entrepreneurship

Currently offered courses in skill development and entrepreneurship

Sr No	Skill and entrepreneurship course	Duration	Offered by
1	B. Voc.	3 years	None
2	Diploma Course	2 years	None
3	PG Diploma Course	1 year	None
4	Certificate courses in (a) Banking, (b) Auditing & accounting and (c) Domestic appliances repairing	2-3 months	Affiliated colleges

Information on newly proposed skill courses is appended with **Annexure13 and 24**.

Details of mandatory internships / in-plant trainings

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

By 2024, it is envisaged to incorporate one-month compulsory internship / in-plant training for professional programs like engineering and management and non-professional PG programs. Along with this, it is also envisaged to introduce mandatory field work / on-site training of 4 weeks duration having 2 credits in all UG programs offered by the Varsity.

5.11 Students welfare

-To ensure clean wash rooms / toilet for girls and boy students with 100% satisfaction.

-Providing clean and potable water facility for Univ departments and affiliated colleges

-Facilities for Physically Handicapped /Challenged students.

-Providing scholarships for meritorious and economically backward students from University general fund.

-Provision of sanitary napkin vending machine in university departments as well as affiliated colleges.

-University to provide scholarship for All India Inter-University Tournament for students.

-Provide special training for various sport forms like Archery, Athletics, Swimming, Volleyball, Weight lifting, Shooting, Gymnastics, Kabbadietc to enable them to compete at National / International level.

-Career guidance and counselling cell with financial assistance from Tribal Welfare Ministry / Board, GOI.

5.12 Achieving excellence in sports (Refer Annexure 26)

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

1. Archery (All India / National level)
2. Wrestling (All India / National level)

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

Sr No	Name of the participant	Form of the sport	Event and Venue	Achievement
1	Jayalakshmi TrinadhSarikonda	Archery - 50 mtrs	All India Inter University Archery Championship Feb'2017, Krishna University, Machilipatnam, Andhra Pradesh	Bronze Medal
2	--do--	Archery Ind. Oly.	--do--	Gold Medal
3	Sanjeev Kumar	Wrestling - 130 Kgs	All India Inter University Wrestling Greco Roman (M) Tournament, CDL University, Sirsa, Haryana, Feb'2017	Bronze Medal

5.13 Development of key research areas

University will concentrate on research areas which are related to forest and mineral wealth. Best research will be recognized in the form of Best Paper award, Best Thesis Award for students. Faculty will be rewarded for the Transformational research. Research grants shall

be provided to students for specified research on forest and mineral resources. (**Refer Annexure 16, 22 and 27**).

5.14 Strengthening linkages with National/International

5.14.1: International Universities/Institutes – University being young, has so far no linkages with International Universities and Institutes. However, attempts will be made to establish such linkages in specific areas like tribal studies, urban pollution etc.

5.14.2: National Universities / Institutes - Collaborations will be established with RTM NU, NEERI Nagpur, Forest Academy, Dehradun, NASI Allahabad, MAFSU Nagpur etc.

5.14.3: RUSA - Institutional Development Proposal (IDP) of Gondwana University, Gadchiroli submitted to RUSA for financial assistance on dated 21.03.2018.

5.14.4: RGSTC - The university has signed MoU under with RGSTC, Rajiv Gandhi Science and Technology Commission, Mumbai for a joint project of Science and Technology Resource Center (STRC). The primary focus of the center is on the forest produce and livelihood concern of the tribal region. The center will contribute 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.

5.14.5: UGC/AICTE - Application for central assistance under section 12(B) of UGC Act 1956 is to be instituted seeking recognition as Located in Tribal and Forested area.

5.11.7: DST/DBT - Faculty will be encouraged to submit research proposals with DST/DBT.

5.15 Administrative and Academic Reforms

5.15.1: e-governance:

E-governance is at 80% level which 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.

-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 PG departments of the Varsity.(Refer Annexure 29).

5.15.2: Linkages of various departments, BOS, Academic Council and Affiliated colleges

All affiliated colleges and Varsity PG departments are following prescribed curricula duly approved by Academic Council through concerned Faculty and BOS. The curricula are periodically reviewed and new courses introduced as per the needs of the region.

5.15.3: Digital initiatives

-Being newly established and located in tribal and forested area that is under developed, application and use of Swayam, NDL, and likewise digital resources will part of the system in future.(Refer Annexure 25).

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

Instituted with CDSL since Winter’2016 examinations and onwards.

5.15.5: Academic audit

A policy for academic audit will be made and implemented from 2019 and onwards.

5.15.6: Satellite Centre’s and Autonomy to department and colleges

6 Satellite Centres are proposed considering unreached areas within University region.

5.15.7: Keeping track of student going for higher studies

It is approximately estimated that around 10% of students from professional, science and commerce streams go for higher studies.

5.15.8: Keeping track of Alumni and strengthening Alumni Association

For Varsity Departments, students have started passing most recently hence forth formation of alumni association is envisaged after sufficient number of passed out students. However number of affiliated colleges having NAAC recognition and offering traditional and professional courses are having functional alumni associations.

5.15.9: Exam Reforms

-Ranked 4th in the State for achieving avg. 74% 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.

5.15.10: Smart Campus

Saving water, use of eco-friendly LED lamps for reduced energy consumption, concreted pathways within campus, landscaping, Tree plantations, managing solid etc are some of the development initiatives undertaken by our Varsity.

In future, solar energy shall be tapped and used to reduce energy costs. Rain water harvesting system for all university buildings and in all affiliated colleges. (Refer Annexure 18).

5.15.11: 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.

6.0 Deliverables

Objectives from Sec. 2.0	Deliverable
To establish all PG departments and Centers on par with RTM Nagpur University which are required for an affiliating Varsity to conduct PG and Ph D programs	To get UGC nod for 12(B) status for receiving central financial assistance for University Establishment and Development
To Improve the Gross Enrollment Ratio especially of the backward region by way of incorporating TEN Constituent/Conducted Colleges in the Varsity jurisdiction	70 new colleges are proposed in the region which includes 10 woman colleges, 5 night colleges, 3 colleges for deaf and dumb, 45 traditional colleges, 1 conducted engineering college and 6 satellite centers leading to enhancement of the GER targeted for the region.
To Improve Inclusivity and Equity by spreading the message of education in primary and 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 > 100 colleges, 3 colleges for deaf and dumb students, more than 05 equal opportunity cells shall be functional.
To Improve Quality and Delivery of Education by creating Centre's of Excellence for Socio-economic development of the region in association with the Industry	Courses with CBCS pattern of education across all Faculties from the session 2016-17, 72 No of colleges will be NAAC accredited out of which 8 shall be A graded, academic audit for all colleges, 6 satellite centers for the unreached region, 2 autonomous departments and 4 autonomous colleges, mandatory field work

	/ in-plant training for PG students, Ph D awards to be raised by strengthening CHLR base, H Index 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 10 research projects.
To Engage with The Regional Economic Development and Aspirations	-10 schemes on tribal welfare, third party assessments, MNREGA, UBA, UMA, GPDP preparation etc -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
To Develop Skills and Entrepreneurship with participation of Industries of the region.	47Skill-oriented courses 01Course on entrepreneurship development 02 Incubation Centers under STRC &MSInS at University & 03 at affiliated colleges Skill Development Centers at each taluka
To Make the University a Cultural Powerhouse in the Region.	01 Center for Gondwana Culture and Tribal development 05 courses in performing arts, fine arts, folk art/dance, wild life tourism, handicrafts, etc 02 Centers / museums at affiliated colleges
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).	100 career counselling and guidance cell 20 courses on skills and value education 10 competitive examination prep. Centers 03 Learn and earn schemes for students Mandatory Student grievance cells
To Achieve Excellence in Sports.	Sports complex (Refer Annexure 26) Special training for IUT students such that at least 05 student at Olympic/International level, 10 at Asia level,1000 at National level and 5000 at State level shall be able to participate through varied forms of sports
To Develop Academic Leadership in Intra-State, National and Global Context.	NIRF rankings to be in the range of 500 – 1000 only after which participation shall be ensured at relevant and recognized rankings/agencies

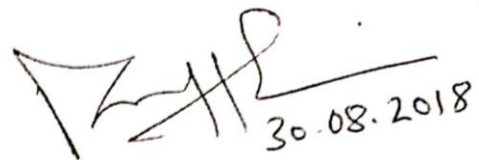
7.0 Suggestions to help implement the plan

Issues/ Problems	Suggestions
Location of the University in hilly and forested area having tribal population	<ol style="list-style-type: none"> 1. More number of Govt / Govt aided colleges to be opened for offering traditional, professional and skill courses. 2. Various welfare schemes involving financial support to the students for overall development
Majority of the population from Gadchiroli district is socially and economically backward	<ol style="list-style-type: none"> 1. Incorporating skill components in the existing CBCS curricula offered objected at creating job opportunities. 2. Opening Skill Development Centers aimed at enhancing job opportunities / livelihood options for the locals 3. More welfare schemes for improving GER of the region
Appointment of Teachers at the University PG Departments and Grant-in-aid affiliated colleges	<ol style="list-style-type: none"> 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 should be offered special incentives.
Basic Infrastructure – Primary campus of the University	Procurement of land for the same is underway and that the architectural planning and execution for the same should be 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 85,000plus 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, forest produce 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

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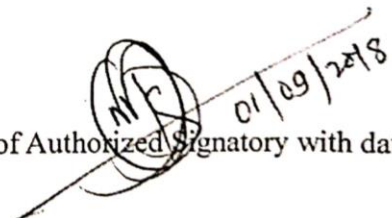
Signature of Authorized Signatory with date

Academic Council

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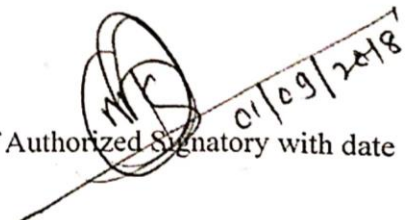
Signature of Authorized Signatory with date

Senate

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Signature of Authorized Signatory with date

Management council

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Signature of Authorized Signatory with date

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

Taluka	T1									T2													
	12th Pass out Students								Grand Total (12 pass out) (A+B+C+D)	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 (T1 -T2)
	12th Arts (A)		12th Commerce (B)		12th Science (C)		12th Vocational (D)			Intake	Admitted (E)		Intake	Admitted (F)		Intake	Admitted (G)		Intake	Admitted (H)			
	Male	Female	Male	Female	Male	Female	Male	Female		Overall	Male	Female	Overall	Male	Female	Overall	Male	Female	Overall	Male	Female		
Gadchiroli District																							
Aheri	138	141	17	15	234	214	34	6	799	580	297	304	360	129	62	240	50	100	100	-	-	942	-143
Armorli	314	387	17	33	230	233	4	13	1231	1260	716	670	600	176	63	840	319	385	200	42	67	2438	-1207
Bhamragad	66	31	0	0	23	23	0	0	143	120	44	35	120	31	28	120	45	24	-	-	-	207	-64
Chamorshi	531	712	12	6	359	266	42	34	1962	900	305	453	120	69	34	480	143	187	200	18	27	1236	726
Desaiganj Wadsa	209	346	60	45	227	261	58	3	1209	1140	336	449	480	136	86	510	104	115	160	70	107	1403	-194
Dhanora	253	294	0	0	82	60	0	0	689	340	147	131	-	-	-	240	43	97	-	-	-	418	271
Etapalli	151	149	0	0	109	72	0	0	481	460	140	102	-	64	9	240	82	45	-	-	-	442	39
Gadchiroli	396	513	0	0	545	494	102	44	2094	1240	722	786	720	122	101	840	206	367	590	107	129	2540	-446
Korchi	148	155	0	0	65	43	0	0	411	220	62	58	120	-	32	360	92	56	-	-	-	300	111
Kurkheda	273	361	37	20	162	157	18	3	1031	560	253	247	240	150	59	480	102	222	-	-	-	1033	-2
Mulchera	146	161	0	0	175	157	0	0	639	360	60	72	120	29	12	360	69	78	-	-	-	320	319
Sironcha	178	150	0	0	133	101	0	0	562	120	79	65	120	-	-	120	80	40	-	-	-	264	298
Total	2803	3400	143	119	2344	2081	258	103	11251	7300	3161	3372	3000	906	486	4830	1335	1716	1250	237	330	11543	-292

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

Taluka	T1									T2													
	12th Pass out Students								Grand Total (12 pass out) (A+B+C+D)	FY Humanities			FY Com & Mgmt			FY Sci & Tech			FY Interdisciplinary			Grand total Students Admitted in the University	Students not admitted in the University
	12th Arts (A)		12th Commerce (B)		12th Science (C)		12th Vocational (D)			Intake	Admitted (E)		Intake	Admitted (F)		Intake	Admitted (G)		Intake	Admitted (H)			
Male	Female	Male	Female	Male	Female	Male	Female	Overall	Male	Female	Overall	Male	Female	Overall	Male	Female	Overall	Male	Female	Overall	Male	Female	
Chandrapur District																							
Ballarpur	106	171	28	76	290	325	0	0	996	480	138	302	600	113	154	940	82	327	280	123	143	1382	-386
Bhadrawati	347	365	16	20	163	232	108	38	1289	760	319	398	240	65	41	700	100	219	--	-	-	1142	147
Bramhapuri	323	524	76	86	470	446	31	22	1978	1260	812	1102	1260	258	236	1440	327	491	280	20	54	3300	-1322
Chandrapur	794	1016	357	395	1955	1731	279	108	6635	3040	1662	2095	3800	1345	1345	3300	520	1283	1360	133	308	8691	-2056
Chimur	537	707	93	77	149	160	0	0	1723	940	389	632	360	143	122	540	65	73	230	51	89	1564	159
Gondpipri	198	264	14	19	191	161	60	34	941	580	305	274	360	38	15	600	72	101	250	-	-	805	136
Jiwati	403	206	0	0	413	185	0	0	1207	360	284	136	360	60	7	480	292	89	--	-	-	868	339
Korpana	455	414	32	7	255	193	78	16	1450	680	284	120	120	54	23	360	59	93	280	10	20	663	787
Mul	358	479	34	44	248	213	60	24	1460	800	387	346	720	71	41	360	125	97	100	-	-	1067	393
Nagbhir	390	640	10	22	148	171	146	4	1531	940	352	440	360	61	25	480	50	130	200	85	68	1211	320
Pombhurna	97	95	0	0	98	63	20	16	389	120	58	52	120	81	15	240	56	52	--	-	-	314	75
Rajura	413	369	98	92	459	367	97	12	1907	800	341	399	600	130	152	580	95	215	60	-	-	1332	575
Saoli	387	381	0	0	85	88	31	16	988	480	147	121	360	81	64	360	102	158	--	-	-	673	315
Sindewahi	266	416	0	0	225	191	0	0	1098	800	258	388	480	-	-	840	100	241	--	-	-	987	111
Warora	430	598	109	153	405	431	59	12	2197	420	199	388	700	156	208	240	123	257	240	28	4	1363	834
Total	5504	6645	867	991	5554	4957	969	302	25789	12460	5935	7193	10440	2656	2448	11460	2168	3826	3280	450	686	25362	427

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	Univ. GER (expressed as % of district)
Gadchiroli District	
Desaiganj	9.89
Armori	24.02
Kurkheda	8.47
Korchi	2.45
Dhanora	3.31
Gadchiroli	22.73
Chamorshi	9.04
Mulchera	3.42
Etapalli	3.28
Bhamaragarh	1.49
Aheri	9.02
Sironcha	2.83
Chandrapur District	
Warora	5.05
Chimur	5.37
Nagbhid	4.28
Bramhapuri	13.24
Sawli	2.77
Sindewahi	3.98
Bhadravati	4.17
Chandrapur	35.79
Mul	3.62
Pombhurna	1.36
Ballarpur	3.96
Korpana	3.55
Rajura	5.35
Gondpipri	3.88
Jiwti	3.57

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

Annexure-3
Statistics on NAAC accreditation

Note: This data base is for the objective 2.3

Number of colleges affiliated to the university	Number of colleges that have acquired NAAC accreditation in the last 3 cycles	Number of colleges that have not undergone NAAC accreditation any time
210	02	161

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

Name of the taluka	Per capita Income (Rs)	% of population below 33% social line	Employment in organized sector	Employment in unorganized sector	Female Labour 33% social line on rate (%)	Literacy rate	Female literacy rate	% of households with improved source of drinking water	% of households with electricity	Number of PHCs
Chandrapur District										
Base Year	2011-12	2016-17	2016-17	2016-17	2014	2010-11	2010-11	2016-17	2016-17	2016-17
For the District	90531				1.59					65
Warora		37.8	814	1086		84.0	78.0	73.07	100	4
Chimur		0.0	0	0		77.4	70.3	42.85	100	6
Nagbhid		0.0	0	0		76.5	67.6	31.15	100	5
Bramhapuri		34.2	646	537		78.2	70.0	27.94	100	5
Sawali		0.0	0	0		70.1	59.6	15.31	100	6
Sindewahi		0.0	0	0		76.8	67.2	25.31	100	4
Bhadrawati		31.4	0	0		84.2	78.0	46.10	100	5
Chandrapur		29.0	9613	18096		87.5	83.0	56.04	100	11
Mul		46.0	242	487		71.8	63.9	18.86	100	4
Pombhurna		0.0	0	0		70.5	62.0	23.94	100	2
Ballarpur		40.9	1191	896		84.4	77.8	67.74	100	3
Korpana		0.0	0	0		81.1	74.7	50.90	100	3
Rajura		44.9	0	0		78.9	72.4	72.22	100	3
Gondpipri		0.0	0	0		72.0	62.9	34.02	100	2
Jivati		0.0	0	0		65.4	55.2	72.28	100	2
Gadchiroli District										
Base Year	2013-14	2016-17	2016-17	2016-17	2014	2011	2011	2016-17	2016-17	2016-17
For the district	58603				0.72					45
Desaiganj		40.7	166	912		82.8	75.5	48.38	86.11	3

Armori		42.4	136	398		78.8	70.7	33.70	88.34	4
Kurkheda		60.4	0	2		81.5	37.6	21.48	92.91	3
Korchi		57.4	0	0		73.8	31.0	4.91	90.97	2
Dhanora		49.6	5	0		71.9	62.9	3.65	93.85	5
Gadchiroli		64.3	332	844		81.8	74.2	38.31	87.70	4
Chamorshi		51.4	0	11		75.8	67.4	25.41	91.62	6
Mulchera		55.3	0	0		78.0	70.2	18.84	97.05	3
Etapalli		35.9	0	0		62.2	54.5	4.86	73.60	3
Bhamragad		64.7	0	0		54.7	45.7	0.95	34.37	3
Aheri		68.1	0	0		70.1	62.5	9.80	69.39	5
Sironcha		66.0	0	0		62.3	48.8	16.67	74.82	4

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 2024	Number of employees in each industry/ service sector envisaged by 2024	Skills required for employment in each industry /service sector	R&D opportunities in each industry /service sector	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.
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	Steel plant in Gadchiroli district	Sizeable employment potential	Graduate & Diploma Engineers in Metallurgy along with Electrical, Mechanical & Civil Engg. etc Science UG or PG in Chemistry etc	-Development of Alloy materials	--do--
Paper Manufacturing	3074 in 2 units	Paper and paper products	Excellent employment Potential considering available forest resources		-Recycling -Paper pulp -Zero pollution manufacturing techniques	--do--
Coal Washing	566 in 4 units	Coal washeries	Good scope due to presence of 20plus 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, AgroBiotechnology 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 Engg etc 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--
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	6299			
Gadchiroli		8 units in power, steel, cement, paper, metal pipes, oil refinery etc	5994			

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 2024	Number of employees in each industry/ service sector envisaged by 2024	Skills required for employment in each industry/ service sector	R&D opportunities in each industry/ service sector	Department / college likely to be associated
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		
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		
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		

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		
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 AudyogikSahSanstha, 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	
Wholesale and retail trade & repair of motor vehicles	93 in 3 units	NA	NA	-Entrepreneur Ship skills -Trading -Marketing -Repair, fitting, casting etc		

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 PrakriyaSah 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		
Sub Total	13,114 in 410 units		6,509 in 18 units			
Chandrapur	42200 in 7613 units					

Annexure-7

Industry in the region (Agro based)

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 2024	Number of employees in each industry/ service sector envisaged by 2024	Skills required for employ ment in each industry/ service sector	R&D opportu nities in each industry/ service sector	Depart ment/ college likely to be associated
-Chandrapur -Shantikunj Solvent Ltd, Mul (Soya DOC) -Shantiraj Food Pvt Ltd, Gadchiroli -Nagbhid -UmredAgro Complex Ltd, Chimur - Rice mills and plants at mul, goli, 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
Total	2134 in 157 micro and small units	3 units	333			

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 employees in each industry/ service sector	New industries expected by 2024	Number of employees in each industry/ service sector envisaged by 2024	Skills required for employment in each industry/ service sector	R&D opportunities in each industry/ service sector	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, TahSawli	1161 cocoon producers across 84 villages, 638 farmers engaged in host plant upbring (2010-11)	Customary wears and garment 41ssociate41y 41gg using Tussar silk	Ample scope for rural people engaged in farming	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	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 2024 (setting up local manuf units, SHGs, etc)	Skills required for leveraging local resource base	R&D opportunities in this area	Employment/ entrepreneurs hip generation through local resource tapping by 2024	Department/college likely to be associated
Minerals	Power, cement, steel industries are operating in significant size	Steel making, manuf 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 Cpurdistt	Various forms of pottery, ceramic wares etc	Various forms of traditional pottery making imbining 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 4 th in state. G'olis	Clusters for processing, value addition and packaging	Processing & Packaging	-Varieties of rice that benefit patients	Very good scope for employment and startup	--do--

	main crop			suffering 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 87% in Goli & 35% in Cpur	Bamboo, Mahuva, tendu leaves and teak wood	Eco and Tribal Tourism, Making of Medicines, Bamboo products, Plywood	Ecotourism - Tourist guides - Hospitality - Travel	Ayurvedic medicines, growth of medicinal plants, Tribal Tourism	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 objectives 2.5,2.6,2.7

Art forms	Current enrolment in these courses	Current placement of graduate from these courses	Anticipated opportunities (in terms of placements) by 2024	University department/college relevant as nodal agency
Fine art	00	00	Minimal scope for employment.	Janata Mahavidyalaya, Chandrapur
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	77	Skill & Vocational Courses , Job Detail Courses ,Technical Courses, Art Fine Courses, Craft Courses, Agriculture Courses, Dram Courses, GIS And GEOGRAPHY Related Other Courses MPSC & UPSC Classes	2.1, 2.6
			Diploma in gaming , Diploma in Sports, Animation Provide Basic Knowledge	2.2,2.9
			Degree Courses in Mobile Technology Personality development ,how to face interview ,placement Graphics Design Courses , Animation Courses, Software & Hardware ,Games Design Courses, Android Development Courses, Software Hacking Courses Free arrangement of banking classes Free arrangement of Banking Classes, Tally With GST, Motivational Program	2.6
			10. Provide basic knowledge	2.2
			Arrange for training campus and practical teaching must be encouraged	2.6,2.8
			Personality development and job placement guides Business and other knowledge should be given to the students	2.2,2.6
			Business knowledge should also be given while teaching. Knowledge of business should be given to the students while teaching.	2.4,2.6
			Subject on Women empowerment in relevant course.	2.1,2.2,2.6
			<i>Bamboo</i> based industry, Agricultural industry ,Drama School, Fashion	2.4,2.5,2.6

			Design Courses , Music & Dance Course.	
			Research Centers	2.3,2.4,2.10
			Reduce Exam Fees, Fast Result, Paper times schedule expand in 3 days one paper to another paper , Exam in Annual Pattern ,Quality work and transparency ,Weekly Seminar Check Paper Carefully, Need more Improvement Result must be declared under 35 days, Fast Revolution Results, Result Accuracy ,Less Exam Fees Experienced & Permanent Faculty, Deep knowledge based syllabus, Theory with Real time Practices etc.	2.3
2.	Teachers	112	Job Oriented Courses like M.B.A, P.G. in All disciplinary, M. Sc. Agriculture, Journalism,Forestry Courses, LLM, Tribal Culture based courses, Travel & Tourism, Computer Course, Diploma In Animation, Gaming, Hardware Maintenance, Ethical Hacking, Cyber Security, Language Translation, Drama, Sericulture, Aquaculture, Studies on Medicinal Plants, Diploma in Tourism, Hotel Management,Forest College, Social forestry Course, Bamboo training, Agricultural based courses, Courses on Occupational Health and Industrial Safety,Industrial Fire Management,Water and Wastewater analysis, GIS and remote sensing , Should revise its curriculum and try to make it employment friendly, Should activate student welfare scheme to provide them more employment while learning, Development of tribal and rural students, University Level Research Project funding for minor projects, College level free Net Set tutorial for PG Students, Free M.P.S.C. & U.P.S.C. tutorial, Orientation refresher interdisciplinary and short-term courses for teachers by the university.	2.6

3.	Parents	10	<p>Fine art course and various type of courses</p> <p>Business related courses</p> <p>Small Scale Industries</p> <p>Sports Facilities</p> <p>M.P.S.C. Classes for future plane</p> <p>Sport development and agriculture</p> <p>Bamboo based industries , Agricultural industries, Construction</p> <p>To Start job oriented Vocational Courses</p> <p>Development Education Facility</p> <p>Program for Many activities for education</p> <p>Less Exam Fees</p> <p>Annual Pattern Exam</p>	2.1, 2.3, 2.4, 2.5, 2.6, 2.10
4.	Principals	17	<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 & 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 & Fitness, Tourist Guiding & Foreign Languages, Advertising, Journalism And Media Studies, Commercial Art, Translation, Copy-Editing & Proof Reading, Creative Design, Yoga & Alternate Therapy, Instrumentation, Food Analysis & Quality Assurance, forensic Sciences, Bio Resources & Utilization Techniques, Sound Recording & 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</p>	2.1, 2.2, 2.3, 2.4, 2.6, 2. 10

			<p>meeting of Principal in a month to discuss and solve the problems faced by the colleges</p> <p>Granting permission to colleges to conduct odd semester examination at their odd and Even semester examination should be conducted by the university.</p> <p>Chandrapur & Gadchiroli district are well known for cultural heritage (<i>ZadipattiRangbhumi</i>) 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 & diploma courses, University should take initiative to establish functional employment cum placement cell in collaboration with various companies in and around Maharashtra.</p> <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	5	<p>Skill-Based courses the courses that may enhance employability</p> <p>Auditing Certificate Courses</p> <p>Accounting</p> <p>Communicative English</p> <p>ICT</p> <p>CAD/CAM</p> <p>Ethical Hacking</p> <p>Human Rights Certificate Courses</p> <p>Cyber Crime</p> <p>Security Guards Course</p> <p>Catering Management</p> <p>Event Management</p> <p>Horticulture & Crop Science</p> <p>Skill Based Short term Courses Forest product courses certificate courses</p> <p>Courses related to forest product</p>	2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.10

			<p>Ecotourism</p> <p>It should become one of the premier educational centers in the country.</p> <p>Admission Enrollment & 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 & College Committee</p> <p>Drama and Acting degree Courses should be started by University</p> <p>Drawing School Fine Art Courses</p> <p>Systematic Coordination with Private managements</p>	
6.	Industrialists	NA	NA	NA
7.	Eminent persons	NA	NA	NA
8.	Non-teaching staff/officials	NA	NA	NA
2.9	Members of statutory bodies of university	17	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	2.8

			participate in various cultural activities and sports events which normally organized during semester end examinations.	
			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
			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 Woman Colleges

Sr. No .	District wise No. of Colleges	Taluka	Location for proposed Colleges	Proposed Colleges & Facultyies - Arts (A) / Commerce (C) / Science (S) / Fine Arts (FA)				
				No of Colleges	A	C	S	FA
1	2	3	4	5	6	7	8	9
1	Gadchiroli-07	Bhamragad	Bhamragad	01	✓	✓	✓	
		Korchi	Korchi	01	✓	✓	✓	
		Sironcha	Sironcha	01	✓	✓	✓	
		Etapalli	Etapalli	01	✓	✓	✓	
		Dhanora	Dhanora	01	✓	✓	✓	
		Mulchera	Mulchera	01	✓	✓	✓	
		Wadsa	Wadsa	01		✓	✓	
2	Chandrapur-03	Korpana	Korpana	01		✓	✓	
		Mul	Mul	01	✓	✓	✓	
		Warora	Warora	01	✓	✓	✓	
Total No of Colleges				10				

B) Locational Plan for New Night Colleges

Sr No	Name of the Taluka	Place of Location	No of College/s	Faculty	Courses
Gadchiroli District					
1	Gadchiroli	Gadchiroli	1	Arts	B.A.
			1	Science	B. Sc.
			1	Commerce & Management	B.B.A.
Chandrapur District					
2	Chandrapur	Chandrapur	1	Arts	B.A.
			1	Science	B. Sc.
			1	Humanities	Law
			1	Commerce	B. Com
3	Bramhapuri	Bramhapuri	1	Science	B. Sc.
			1	Arts	B.A.
			1	Commerce & Management	B.B.A.
			1	Humanities	Law
Total number of colleges			05		

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
Gadchiroli District					
1	Gadchiroli	Gadchiroli	1	Arts	B.A.
			1	Commerce	B. Com
2	Aheri	Aheri	1	Arts	B.A.
			1	Commerce	B. Com
Chandrapur District					
3	Chandrapur	Chandrapur	1	Arts	B.A.
			1	Commerce	B. Com
Total number of colleges			03		

D) Locational Plan for New Colleges

Sr. No.	District wise No. of Colleges	Taluka	Location of proposed College	Proposed Colleges & Faculties - Arts (A) / Commerce (C) / Science (S) / Fine Arts (FA)				
				No of Colleges	A	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		Kurkheda	Kurkheda	01	✓	✓		
6			Kharmattola	01	✓			
7			Kadholi	01		✓		
8		Mulchera	Sundarnagar	01	✓			
9		Sironcha	Asaralli	01	✓			
10		Desaiganj-Wadsa	Desaiganj-Wadsa	01			✓	✓
11		Bhamragad	Bhamragad	01		✓	✓	
12		Korchi	Korchi	01	✓	✓		
13		Etapalli	Etapalli	01		✓		
14			Kasansur	01	✓			
15		Dhanora	Murumgaon	01		✓		
16	Chandrapur	Ballarpur	Visapur	01	✓	✓		
17			Kothari	01	✓	✓	✓	
18			Ballarpur	01	✓	✓	✓	✓
19		Bhadravati	Majri	01	✓	✓	✓	
20		Bramhapuri	Bramhapuri	01				✓
21		Chandrapur	Chandrapur	01				✓
22		Chimur	Bhisi	01	✓	✓	✓	
23			Neri	01	✓	✓	✓	
24		Korpana	Korpana	01		✓		
25			Gadchandur	01	✓	✓	✓	
26			Awarpur	01	✓	✓	✓	
27		Nagbhid	Talodhi-Balapur	01	✓	✓	✓	
28			Kampa	01	✓			
29			Wadhona	01	✓		✓	
30		Sindewahi	Sindewahi	01				✓
31		Warora	Warora	01			✓	✓
32			Khambada	01	✓	✓		
33		Mul	Rajoli	01			✓	
34		Rajura	Chincholi-Khurd	01	✓	✓	✓	
35		Saoli	Pathri	01	✓	✓		
36		Jiwati	Tekamandwa	01	✓			

37		Gondpipri	Dhaba	01	✓			
Total Number of Colleges				45				

E) Skill Development Colleges under section 112 and 113 of the M P U Act 2017.

Proposals are 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	Mulchera
2		Sironcha	Ankisa
3		Bhamragad	Bhamragad
4		Korchi	Korchi
5		Dhanora	Dhanora
6	Chandrapur	Jiwti	Jiwti
Total No of Satellite Centers: 06			

G) Extension / Expansion through new courses, subjects, additional divisions and new faculty:

Proposals shall be invited from the existing affiliated colleges regarding extension of new course, subjects, faculty and additional division.

Rationale/justification –

-Existing growth-oriented towns and talukas are identified having potential for improvement in GER enrolment in respect of overall, female students, category SC, ST and NT students.

Strategies to boost enrolment –

-Promotion of Govt. welfare schemes to ensure potential enrolment in most backward areas of the Varsity region.

Other details of implementation-

Applications shall be invited as per the procedure specified in the M. P. U. Act 2016.

Annexure – 13

Proposed New Courses

Sr No	Name of the Course	Duration
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Skill Courses relevant for the local region

1	Certificate course in Bamboo products	6 months
2	Certificate course in Bamboo as construction material	6 months
3	Certificate course in herbal medicines	6 months
4	Certificate course in sericulture	6 months
5	Certificate course in aquaculture	6 months
6	Certificate course in honey production	6 months
7	Certificate course in mushroom production	6 months
8	Certificate course in wooden crafts	6 months
9	Certificate course in food products from wild fruits	6 months
10	Certificate course in tribal tourism	6 months
11	Certificate course in rice processing	6 months
12	Certificate course in solar technology	6 months
13	Certificate course in soil analysis	6 months
14	Certificate course in wild life photography & videography	6 months
15	Certificate course in dairy technology	6 months
16	Certificate course in wild life tourism	6 months
17	Certificate course in oil seed processing	6 months
18	Certificate course in making of pottery and ceramic wares	6 months

Skill courses on Commerce & Finance

19	Certificate course in In-store promoters	6 months
20	Certificate course in Sales associate	6 months
21	Certificate course in Distributor salesman	6 months
22	Certificate course in Debt recovery agent	6 months
23	Certificate course in Business correspondent / facilitator	6 months
24	Certificate course in Accounting	6 months
25	Certificate course in Tax Consultant (GST)	6 months
26	Certificate course in Insurance & Mutual Fund Planner	6 months
27	Certificate course in Entrepreneurship development	--
28- 48	In addition, 21 sector specific number of skill courses prescribed under NSDC will be implemented through VTI/VTP/SDC as a vehicle.	As prescribed

Degree Courses

49	B. Voc. / B. Voc. Innovative Courses as prescribed by UGC, New Delhi	As prescribed
50	Bachelor of Science (Fire and Safety)	3 years
51	Bachelor of Science (Wildlife Conservation and Management)	3 years
52	Bachelor of Business Administration (Forest Management)	3 years
53	Bachelor of Science (Forestry)	3 years
54	Bachelor in Administrative Services	3 years
55	B Sc (Applicable Mathematics) (Note-includes tally)	3 years

Diploma/Certificate Courses in various Art forms

56	Fine arts	1 year
57	Performing arts	1 year
58	Folk dance	1 year
59	Wild life tourism	1 year
60	Handicrafts	1 year

Apart from existing FIVE PG departments, the proposal for another 23 PG departments is pending for decision with the Higher and Technical Education Department, Govt of Maharashtra. Once these are sanctioned, the below mentioned new courses from serial no 56 to 78 will be added.

PG Courses

Sr No	Name of the Course	Duration
61	M.Sc. in Biotechnology	2 years
62	M.Sc. in Microbiology	2 years
63	M.Sc. in Computer Science	2 years
64	M.Sc. in Physics	2 years
65	M.Sc. in Chemistry	2 years
66	M.Sc. in Electronics	2 years
67	M.Sc. in Botany	2 years
68	M.Sc. in Zoology	2 years
69	M.Sc. in Environmental Science	2 years
70	M.Sc. in Chemical Technology	2 years
71	M. A. in Geography	2 years
72	M.A. in Applied Economics	2 years
73	M.A. in Home Economics	2 years
74	M.A. in Political Science	2 years
75	M.A. in Ambedkar Thoughts	2 years
76	M.A. in Marathi	2 years
77	M.A. in Hindi	2 years
78	M.A. in Mass Communications	2 years
79	M.A. in Public Administration	2 years
80	M.A. in Yoga	2 years
81	Master of Business Administration (MBA)	2 years
82	Master of Library and Information Science (M Lib & I. Sc.)	2 years
83	Master of Education (M. Ed.)	2 years

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 self-employed.

Annexure 14

5.7 Developing R&D partnership with Industry:

Need of 03 Centre's of Excellence

Gondwana University is one of the very few centres of higher learning in the entire Indus land which has the privileged responsibility to study and conserve the traditions of the distant past scattered in the geographical stretches and historical lores of Gadchiroli district of Maharashtra, and, at the same time, make them available to the realms of modernity for those who find themselves enthused to preserve and propagate for the good of posterity. And this responsibility has fallen upon the young shoulders of the university merely because of its geographical location. It is a university, still in its infancy, with forest and tribal of the central India as its neighbor. The responsibility becomes more colossal when the university finds the young minds, it is assigned to train, coming from the hamlets of peripheral existence and deprived resources. The university is destined to open up its vistas to the tribal faces because it has only the remotely existing villages, inaccessible to the urbanites and wheeled feet, as its catchment habitations. I am happily proud to submit that the university endeavors' hard to meet the challenges ahead. Opportunity to explore the region in its entirety for numerous possibilities has made the academic campus of the university lively and vibrant with multiple hopes for the meaningful addition to the existing knowledge about antiquity and the inhabitants who walked through the entire dark phase of existence. However, it should be unequivocally comprehended that, as Alexander Von Humboldt said, "there are no inferior races; all are destined equally to attain freedom" from slavery and savageness. Gondwana University has strong will to explore deep into the heart of creative antiquity and bring the hidden affluence of art and culture to the glare of modern humanity. And it aspires to establish itself as a centre of pedagogical excellence the enthusiasts with hunger for knowledge about tribal humanity that still wanders through the forests of central India would love to look at.

There are multitudinous dimensions of work that the university desires it should put its hand on. A myriad of centres to deal with tribal art, performing and exhibitional, languages, literary and verbal, dialects, live and dead, and behavioral aspects, individual and collaborative, the University desires to open up for the learners and researchers. There are multifarious petals of unexplored phenomena that need extensive study. Much has undoubtedly been done, but much more still needs proper attention and caring. Furthermore, it is pertinent to submit that the inference drawn through the study of the behavioral aspects of the tribal community ought to be followed by the infrastructural provisions for the creative utilization of the youthful energy that, in all probability, is destined to die off waywardly if it remained unchanneled and untapped at the very advent of its budding. Tribal youths have eyes, intense and inquisitive; their expressions exhibit guts and glow; and their limbs are strong and stout. They need proper exposure to creativity. They need loving hands to care and caress. It is the fatherly love and motherly tenderness the university contemplates to provide to the young minds that look at the seat of learning with hope and aspiration. The university is to provide the infrastructural facility to the students, pedagogues, and those involved even remotely in the process of academic and acrobatic activity.

Thus, the university intends to set up a number of centers so as to expose the tribal ways of vibrant life, hidden so far from the elite centrists and cynical analysts, to the scrutiny of the so called civilized world.

Sr. No	Name of the Centre	Name of the Co-ordinator for the Centre	Department of the Coordinator	E-mail	Mobile number	Name of all the principal investigators involved in the Centre with their Departments
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For instance, tribal Museum exhibiting phenomenal exploration of the tribal world, library with titles on tribal ways of life and those that correlate the two ways- within and without,

Youth who come from marginalized existence do not have exposure to the outside life which is more competitive and more varied. The outer world, undoubtedly, has more avenues to explore. Therefore, the university intends to establish a Residential Centre to prepare the students for competitive examinations conducted by various agencies for entry in services.

A well-equipped Auditorium with centrally fitted air-conditioning system and state-of-the-art amenities is greatly needed for proper pruning, tuning, and training of the young minds.

Tribal youths are physically strong, well-built, and pristine in mind and physique because of their living directly in the company of uncontaminated nature. Even their frugal life-style does not put any impediment in their way to maintain good physique. Hence, the university desires to construct a multi-purpose Sports Complex with sports stadium, indoor sports facility, long tracks for competitive events.

Last but not the least, approach roads connecting various departments of the university are essentially desirable. The university establishment is solicitous to construct internal approach-roads for easy movements.

Requirements are many. Huge sums of money need to be infused. The university is striving hard to stone all the corners for monetary assistance. The government and other financial institutions will have to come forward to meet the challenge. After all, it is the responsibility of us all to create a better world with creatively trained mind.

4.	Centre for Research and Innovation in Humanities	Coordinator Vivek V. Joshi	English	vivek4dha@gmail.com	9423122689	<p>1.Prof N P Mane <i>Department of History</i></p> <p>2.Prof P V Nande <i>Department of History</i></p> <p>3.Prof S P Suradkar <i>Department of History</i></p> <p>4.Prof N M Madavi <i>Department of History</i></p> <p>5.Prof R W Wadhai <i>Department of Sociology</i></p> <p>6.Prof V B Shinde <i>Department of Sociology</i></p> <p>7.Prof P P Patil <i>Department of Sociology</i></p> <p>8. Prof S V Sudewad <i>Department of Sociology</i></p> <p>9.Prof V V Joshi <i>Department of English</i></p> <p>10.Prof S K Athawale <i>Department of English</i></p> <p>11.Prof V D Masram <i>Department of English</i></p>
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Name of the Centre	Name of the Co-ordinator for the Centre	Department of the Coordinator	E-mail	Mobile number	Name of all the principal investigators involved in the Centre with their Departments
Centre for Research and Innovation in Commerce and Management	Coordinator Aniruddha S. Gachake	Commerce	asgachake@gmail.com	9423671642	1.Prof A S Gachake 2.Prof D S Tare 3.Prof P A Sonawane 4.Prof P D Gedam

Centre for Innovation & Res. in S & T - Advanced Instrumentation Centre

Sr. No.	List of 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 incarnation of bio-waste
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
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	Spectrofluometer 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	Vacuum 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
Total number of Instruments and Cost		23	1189.50	

Annexure 15: Train the Trainers: Center for Faculty Development Initiatives

Name of the Centre	Name of the Co-ordinator for the Centre	Department of the Coordinator	E-mail	Mobile number	Name of all the principal investigators involved in the Centre with their Departments
Centre for Faculty Development Initiatives	Coordinator Vivek V. Joshi	English	vivek4dha@gmail.com	9423122689	1.Prof S G Kage Department of Mathematics 2.Prof S N Chepate Department of Mathematics 3.Prof S D Bagade Department of Mathematics 4.Prof A S Gachake Department of Commerce 5.Prof D S Tare Department of Commerce 6.Prof P A Sonawane Department of Commerce 7.Prof P D Gedam Department of Commerce 8.Prof V V Joshi Department of English 9.Prof S K Athawale Department of English 10.Prof V D Masram Department of English 11.Prof N P Mane Department of History 12.Prof P V Nande Department of History 13.Prof S P Suradkar

					<p>Department of History</p> <p>14.Prof N M Madavi Department of History</p> <p>15.Prof R W Wadhai Department of Sociology</p> <p>16.Prof V B Shinde Department of Sociology</p> <p>17.Prof P P Patil Department of Sociology</p> <p>18. Prof S V Sudewad Department of Sociology</p>
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Centre for Faculty Development Initiatives

Orientation Programs				
Sr. No.	Head	Expenditure per programme in Lakhs	Expected Budget for 2019-20 in Lakhs	Expected Budget for 2020-24 in Lakhs
1	Resource Person	1.68	3.36	10.08
2	T.A.+D.A.	5.00	10	30
3	Accommodation	1.50	3	9
4	Stationary	1.00	2	6
5	Kit	1.00	2	6
6	Projector	0.50	1	3
7	Laptop	0.50	1	3
8	Contingency	1.00	2	6
	Total	5.50	24.36	73.08

Refresher Course				
Sr. No.	Head	Expenditure per programme in Lakhs	Expected Budget for 2019-20 in Lakhs	Expected Budget for 2020-24 in Lakhs
1	Resource Person	1.26	5.04	15.12
2	T.A.+D.A.	4.50	18	54
3	Accommodation	1.50	6	18
4	Stationary	1.00	4	12
5	Kit	1.00	4	12
6	Projector	0.50	2	6
7	Laptop	0.50	2	6
8	Contingency	1.00	4	12
	Total	11.26	45.04	135.12

Short Term Courses / Training Programs				
Sr. No.	Head	Expenditure per programme in Lakhs	Expected Budget for 2019-20 in Lakhs	Expected Budget for 2020-24 in Lakhs
1	Resource Person	0.56	2.24	6.72
2	T.A.+D.A.	2.25	9	27
3	Accommodation	0.70	2.8	8.4
4	Stationary	0.30	1.2	3.6
5	Kit	0.30	1.2	3.6
6	Projector	0.50	2	6
7	Laptop	0.50	2	6
8	Contingency	0.60	2.4	7.2
	Total	5.71	22.84	68.52

	Expected Budget for 2019-20 in Lakhs	Expected Budget for 2020-24 in Lakhs
Orientation Programs	24.36	73.08
Refresher Course	45.04	135.12
Short Term Courses / Training Programs	22.84	68.52
Total Budget	92.24	276.72

Annexure 16

Centre of Excellence for Natural Resources and Management (CENRM)

Introduction

Districts of Chandrapur and Gadchiroli in the South-east corner of Vidharbh are heavily forested, large tribal and remain among the most underdeveloped region in Maharashtra. Among various initiatives to help to develop the region, GoM decided to set Gondwana University at Gadchiroli (GUG) with jurisdiction over these two districts; it came into existence in October 2011.

Theme

The prime focus of the centre of Excellence is on the forest produce and livelihood concerns of the region. They will contribute by designing/catalysing products, services and practices along with upgrading resources that deliver all round local area development in partnership with local communication concept, recognized as Sustainable Value Creation, defines the core theme for Centre of Excellence.

Appropriate technology- by itself and as an assist for the traditional way- shall be the backbone of the experiment. By experiment we imply a robust model that provides thrust for development tribal/local traditions, that is well thought out and forward looking in terms of various issue conservation, sustainability, and so on.

As centre for sustainable value creation, Centre of Excellence as proposes five primary program streams viz

1. Production and Value Creation
2. Social Forestry
3. Research and Innovation
4. Academic Programs and
5. Community Support.

Objectives and Scope

The Broad objectives of the Centre of Excellence for Natural Recourses and Management (CENRM) are as follows.

- To recognize, record and augment local skills and traditional knowledge and to explore avenues for enhanced livelihood in the region.
- To ensure sustainable and productive use of the forest and other natural resources of the region.
- To be a regional knowledge resource for various state programs.
- To ensure all-round development that is representative and inclusive through training and research.
- To connect the districts of Chandrapur and Gadchiroli to the rest of the world, ensuring equal opportunities and markets for their people.

This Centre of Excellence is mandated to help in local area development through the University route-i.e. GUG. There will be diploma and degree courses offered, as also short-term certification for varied training programs for artisans. Scope of activities within Centre of Excellence is wide: Local Forest produced and value creation, year-round skills development programs, traditional technology interface, production and marketing technology initiatives, and so on. Centre of Excellence is to support applicable research in core areas, faculty upliftment programs, strong extension program office that caters to continuing education and outreach programs, and so on.

Centre of Excellence shall be a centre for sustainable value creation.

Planning of Centre of Excellence for National Resources and Management (CENRM)

The implementation of Centre of Excellence is Planned in three Phases.

Phase I: One Year Planning - initiating the programs with a skeletal staff and infrastructure, should take firms roots within a span of one year. Activities centre on the core theme of catalysing Production and Value Creation. The program manifests itself through applicable research, innovation and marketing, and academic initiatives that offer specially designed courses.

Name of the Centre of Excellence	Name of the Coordinator for the Centre	Department of the Coordinator	E-mail	Mobile number	Name of all the principal investigators involved in the Centre with their Departments
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Phase II: 3 Year Planning - Survey and Field Work and collection of Data and analysing it.

Phase III: 5 Year Planning - builds on maturing of the core program and the experience gained during Phase I have a Full-fledged Centre of Excellence ready in five years as a planned outgrowth. CENRM will be well developed centre with community support programs established that will include short term certification courses, distance education, e-learning facility and so on; in addition, has potential to transform the region with the concept CILLAGE – An eco-system the incorporates the best of a city and a village – a development module for rural India, as proposed by noted Scientist Hon’ble Anil Kakodkar.

Target to be Achieved in the Centre of Excellence

- 1.Field survey and data collection regarding natural resources
- 2.Collection Centre for natural resources Non-timbre forest produce, water bodies, Diary, Taser etc.
- 3.Proceesing units Using Science and Technology
- 4.Packing and Marketing Centre
- 5.Researh Laboratory
- 6.Training Centre to Youths
- 7.Bio-diversity Park and Conservation of medicinal Plants.

Centre of Excellence for Natural Resources and Management (CENRM)	Coordinator Devdatta S. Tare	Commerce	devstare@ymail.com	9595113076	1.Prof S G Kage Department of Mathematics
	Co-coordinator Shivaji N. Chopate	Mathematics	shivajichopate007@gmail.com	9764319457	2.Prof S N Chopate Department of Mathematics
	Shilpa K. Athawale	English	shilpaathawale@gmail.com	9403682047	3.Prof S D Bagade Department of Mathematics
					4.Prof A S Gachake Department of Commerce
					5.Prof D S Tare Department of Commerce
					6.Prof P ASonawane Department of Commerce
					7.Prof P D Gedam Department of Commerce
					8.Prof V V Joshi Department of English
					9.Prof S K Athawale Department of English
					10.Prof V D Masram Department of English
					11.Prof N P Mane Department of History
					12.Prof P V Nande Department of History
					13.Prof S P Suradkar Department of History
					14.Prof N M Madavi Department of History
					15.Prof R W Wadhai Department of Sociology
					16.Prof V B Shinde Department of Sociology
					17.Prof P P Patil Department of Sociology
					18. Prof S V Sudewad Department of Sociology

Annexure 17: Centre of Excellence for Gondwana Culture and Tribal Development

Deliverables	Research Findings	Policy Suggestions	Intervention mechanisms	Training, awareness advocacy and sensitization	Curriculum and module development	Innovation and ICT
Short Term	Primary visits to collect data in some part of areas. Some records will be collected from various libraries through appointing consultant.			Awareness campaigns for the people about gender equality. Gondi and Madia Language course will be conducted.	Course related to Oral History will be introduced in syllabi	
Mid Term	Larger area will be included to collect Primary oral sources. In second phase more records will be collected from various archives and libraries through consultant.			Gondi and Madia Language course will be conducted to access and analyse sources. Training related to Data preservation of Archives will be conducted.		
Long Term	At the last stage the primary oral sources along with material sources will be collected from various sections of the society and will be combined. Classifications of the sources will be done and the sources will be completely available for researchers. Visits to India Office Library, London to collect data on tribal history will be done in this phase.			Training for research scholars, teachers and students related to Data preservation of Archives will be conducted. Workshop will be organised to discuss on collected sources and expertise will be invited to provide direction to collect more data.		Helpline assistance for tribal girls.

Annexure18: Basic Infrastructure

Item	Norms	Proposed component	Amount in Rs. (Crore)	Justification
Primary Campus of the University	Plan for imparting education to local populous with a motive to fetch them in National and International stream – New Construction	Administrative Block	50.00	Gondwana University Gadchiroli is functioning from 2 nd Oct'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 Varsity. Add one more column here as Suggestive solution
		Knowledge and Resource Centre	25.00	
		Facilitation Centre	25.00	
Total			100.00	

Annexure19: Conducted Engineering College by University

Item	Norms	Proposed component	Amount in Rs. (Crore)	Justification
<p style="text-align: center;">Conducted Engineering College</p>	<p>Plan for imparting technical education to local tribal populous with a motive to fetch them in National stream – New Construction</p>	<p>College Offering engineering education in core disciplines like Mining, Civil, Mechanical, Electrical, Computer Science & Engineering, Chemical streams</p>	<p style="text-align: center;">50.00</p>	<p>The Gondwana University Gadchiroli is functioning from 2 Oct. 2011 in tribal & 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. Gadchiroli city features Govt. Science College. The University comes under the preview of 2(f) but not in 12(B). The University is not receiving any financial assistance from UGC or Central Government from any scheme. The University has a separate department of PG & at present 5 Subjects taught in the university i.e., English, Mathematics, Commerce, History and Sociology. From this year, another 5 subjects on no-grant basis are being offered. The University has also submitted the proposal of new 23 subjects on granted basis with higher & Technical Education Department, Govt. Of Maharashtra The University has also recently approved the department of MBA by AICTE New Delhi. Sai and bit will not survive in future</p>

Annexure 20: Research, Innovation and Quality Improvement

Sr. No	Item	Norms	Proposed component	Amount in Rs. (Crore)	Justification
1	Plan for Centres of Research and Innovation in (a) Science & Technology (b) Humanities and (c) Commerce	Plan for providing facilities that will support research and innovations in science, technology development, humanities and commerce	Establishment of Research and Innovation Centre's at the University	Refer Centers of Excellence	The main aim and object of University is to provide higher education and facilities of research for the better development of students, academic staff, and researchers in this tribal region. Therefore, it is the prime needs to provide modernize facilities to the users. The proposed Research and Innovation Centres at Gondwana University, Gadchiroli will be a significant step in building the knowledge-based economy among the students of tribal region. These centres will become a rich and informative guide to the University's expertise in a comprehensive array of academic fields and ultimately will be the paradigm of modernize higher education in this region.
2	Adoption of meta university concept	Adoption of meta university concept	Meta university model	1.00	The university has adopted semester system since from the establishment 2 nd October 2011 and is trying to introduce Choice Based Credit System from commencing academic year 2015-16 as per UGC guidelines and therefore meta university concept is useful to the students. There is M.Sc Mathematics and newly approved M.B.A. from AICTE Post Graduate disciplines are available in the university and under the concept of Meta University the joint programme will be offered with other university like Delhi University. With the help of virtual and project based learning students will take combinations of courses at both university through online.
3	Initiatives to attract high quality researchers and students	Talent transfer initiative	Talent transfer initiative: Attracting and retaining high performing teachers.	0.50	The university is functioning in tribal and backward region and most of the students seek admission belong to ST category and bring to them in mainstream it is necessary to attract high performing teachers to improve students achievement of this university through talent transfer.
4	Develop a Network of top	Convergence Model	Central server and computers	0.70	The university has already available the facilities of Internet, Lan, C.C.T.V. Camera and are functioning separately and it is necessary to

	quality university-Convergence Model				bring them in one pipe to deliver all form of communication services promptly. Therefore central server is essential and hence convergence model proposed.
4.	Promotion of research and entrepreneurial activities	Promotion of research and entrepreneurial activities	Research and Innovation	0.50	The Gadchiroli and Chandrapur District comprises 75 % Forest area and predominantly 35% Tribal and therefore to develop forest based entrepreneur activities it is necessary to give promotion to the research and new forest based small scale industries. The University has allotted recently MBA and therefore the program will be implemented through the students, research's and academic staff in this tribal region.
5.	Exposure visits for both faculty and students	Research and quality improvement	Research and quality improvement	0.80	The university is functioning in backward and tribal region of Maharashtra and therefore the visits to the developed universities and institutions will be fruitful to enhance the skill, knowledge and aptitude of the students and faculty.
6.	Upgrade library facilities	Research and Innovation	Research and Innovation	2.00	The university has been established in 2011 and therefore prima-facie it is necessary to upgrade the library facilities for researchers, post graduate students to develop their knowledge and to cater to the comprehensive informational need of users.
7.	Special grants to faculty for conducting outstanding research	Research	Development of outstanding research	1.50	There is need of outstanding research in various aspect for the development of society and considering this to imbibe the concept of outstanding research in the students a special grant is essential.
			Total Rs. In crore	7.00	

Annexure21: Equity Initiatives

Item	Norms	Proposed component	Amount in Rs. (Cr.)	Justification
Equity Initiatives	Equal opportunity cell	Establishment of infrastructure and contractual staff with library facility	0.80	The equal opportunity cell will be helpful to the equity for marginalized groups like women, Scheduled Castes, Scheduled Tribes, OBC (non-creamy layer), minorities groups in order to make higher education inclusive. The cell will be established at university campus and is much essential considering the backward and tribal region of eastern Maharashtra to maintain equity.
	Remedial classes and language laboratory	Purchase of software, Honorarium to guest faculties	0.60	The student of this region comes from tribal and backward community and also financially weaker section and therefore there is need to provide special remedial coaching to academically poor performers so that they graduate as confident men and women.
	Financial aid and scholarship for socially and economically backward students	Scholarships and study material.	0.50	The financial assistance is essential to the socially and economically backward students of this area to cater the need of conventional and non-conventional study material, practical items etc. for their development and therefore amount proposed in this component. Sponsoring the bus passes expenditure to establish the compatibly social development factor.
	Equity and gender sensitization campaign	contractual staff	0.10	The equity and gender sensitization campaign will be applied at university level considering the need of the day.
		TOTAL	2.00	

Annexure22: Faculty Recruitment Support

Item	Norms	Proposed component	Amount in Rs. (Cr.)	Justification
Recruitment of faculties	Recruitment of faculties	Expected staff in coming 5 years @115	25.00	<p>The university has proposed 23 PG departments i.e. M.Sc. in Biotechnology, Microbiology, Computer Science, Physics, Chemistry, Electronics, Botany, Zoology, Environmental Science, Chemical Technology, M. A. in Geography, Economics, Home Economics, Political Science, Ambedkar Thoughts, Marathi, Hindi, Mass Communications, Public Administration and Yoga, Master of Business Administration (MBA), Master of Library and Information Science (M Lib & I. Sc.) and Master of Education (M. Ed.)</p> <p>The university has 5 granted PG departments i.e. Mathematics, English, History, Commerce, and Sociology. The university has implemented semester system and also implemented Choice based credit system (CBCS) from the academic session 2015-16.</p> <p>The expected staff is proposed considering next 5 years to improve the student teacher ratio.</p>
		Total	25.00	

Annexure 23: Faculty Development Initiatives

Item	Norms	Proposed component	Amount in Rs. (Cr.)	Justification
Faculty Development Initiative	Improvement of faculties	By organizing awareness programs and training camps	2.77	The university and affiliate college faculties are to be provided with scope for improvement by organizing refresher courses, orientation programs and short term training programs through FDI.
		Total	2.77	

Annexure24: Vocationalization of Higher Education

Sr. No	Norms	Proposed component	Amount in Rs. (Crore)	Justification
1.	Modernization and strengthening of laboratories.	To set up state of the art training facility in the sector of industrial automation. To set up state of the art training facility in the sector of automobile	5.00	Considering the rural and tribal area, there is dire need of employment of the students and therefore Vocational Education is education that prepares the students for specific trades, crafts and careers at various levels and scopes in this area. It trains the students from a trade/ craft, technician to a professional position in R & D organizations.
2.	Modernization of classrooms	Modern equipments like LCD projectors, screens, smart boards are required efficient impartation of knowledge. PAS is required for seminar hall.	0.20	Empowering vocational education is a national agenda to create the skilled manpower. The Program Outcomes are the skills and knowledge which the students have at each exit level / at the time of graduation.
3.	Updating of Learning Resources	Procurement advance s/w based teaching tools and simulation software's. Lecture tutorials.	0.20	
4.	Procurement of furniture	Expenses towards classroom and office furniture, water coolers, Air conditioners	0.70	

5.	Establishment / Up gradation of Centre and Departmental Computer Centres.	To set up advance software lab and internet lab	0.50	
6.	Modernization and strengthening of libraries and increasing access to knowledge resources		0.40	
7.	Enhancement of R &D and institutional consultancy activities	To create required infrastructure in core sectors of research and investigation towards industrial Consultancy	0.50	
8.	Faculty and Staff Development (including faculty qualification up gradation, pedagogical training, and organizing / participation of faculty in workshops, seminars and conferences) for improved competence based on TNA	For providing financial support to attend faculty development programs	0.10	
9.	Creation of new departments / courses	For starting new programs under vocational domain and organize special training programs, certificate, diploma and evening courses	1.70	
10.	Enhanced Interaction with Industry	To organize regular visits, incubation meets and acquaintance programs	0.50	
14.	Student support activities	To organize special student training programs	0.40	
15.	Others	Regular Operative, consumable, contingency, travel expenses	0.20	
Total			10.40	

Annexure 25: Management Information System

Item	Norms	Proposed component	Amount Rs. (Cr.)	Justification
University Automation	New Requirement	MIS incorporating 1. Human Resource Management, 2. Provision of expertise for upcoming IUMS, 3. Networking infrastructure, 4. Research Cell Automation, 5. Provision of Payment Gateway 6. Knowledge Resource Centre automation 7. E-learning studio 8. E-office automation	3.50	<ul style="list-style-type: none"> To achieve accuracy and transparency in all the operational aspects of the varsity. To enhance the work-efficacy of day-to-day University administration. To facilitate the concerned like teachers, students etc with ease while interacting with the Varsity. To maintain inventories, records in digital form whilst complying with the target of paperless administration.
Total			3.50	

Annexure 26: (A) 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:		<p>The University has only a playground and it is necessary to strengthen various sports facilities within the ambit of Varsity.</p> <p>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.</p> <p>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.</p> <p>It will feature other forms of sports such as forms of Track & Field, Basketball, Volley ball, Swimming etc.</p>
		Running Track	1.50	
		Gallery for viewers	5.00	
		Indoor Stadium	5.00	
		Multi-game Hall	3.00	
		Hostels (G+3)	4.50	
		Admin & Gymnasium	3.50	
Others	2.0			
		Total	24.50	

(B) Health Centre

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

Annexure 14/15/16/17: Summarized Financial Assistance for Centres of Excellence

Sr No	Budget Heads	Center for Natural Resources Management	Center for Gondwana Culture & Tribal Development	Commerce & Management	Science & Technology	Humanities	Total
1	CIVIL WORK	10 Cr	50 Cr	20 Cr	20 Cr	20 Cr	120.00 Cr
2	STAFF						
	Jun. Res. Fellow	---	144.00	48.00	24.00	144.00	360.00
	Proj. Asistants	194.40	108.00	86.60	64.80	118.80	572.60
3	CONTINGENCY	21.60	12.00	9.60	21.00	26.40	77.40
4	EQUIPMENT	18.00	120.00	8.00	1189.50	116.00	230.00
5	INSTITUTIONAL	6.00	60.00	24.00	18.00	57.00	164.00
6	OTHERS	3.00	84.00	12.00	9.00	81.00	189.00
7	Sub-Total (Rs. Lakhs)	243.00	528.00	188.00	1326.30	472.00	4351.50
	Grand Total in Crores						163.51 Cr.

Annexure27: Coal Research Centre at Chandrapur Sub-Campus

Item	Norms	Proposed component	Amount in Rs. (Crore)	Justification
Coal Research Centre	New Construction	A Research centre facilitating to conduct R and D as they pertain to coal characterization, mining, logistics, consumption, impact on the environment etc	5.00	Chandrapur district is bestowed with coal reserves in abundance It is marked by presence of GOI undertaking enterprise, WCL engaged in coal mining through its 23 mines/projects within the district. Mining over the decades has pushed the Chandrapur city to the extent to be the 2 nd largest polluted city of our country. Against this backdrop, it is proposed to establish the given research facility with specific objective of improving the overall ambience of the district by conducting research related to the aspects as mentioned in the proposed component.
Total			5.00	

Annexure 28: Decentralization of University Administration

Item	Norms	Proposed component	Amount in Rs. (Crore)	Justification
Establishment of a Sub-Campus and Sub-Centres	New Construction	Sub-Campus at Chandrapur Sub-Centres at Chimur and Aheri	42.50 10.00	The University area covers districts of Gadchiroli and Chandrapur Varsity head-quarter 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 will help Varsity to augment partnership with the local and ultimately national level industries. The envisaged sub-campus shall offer skill based courses in consultation with industry requirements. Sub-centres are proposed considering existing geographic locational disadvantage for affiliated colleges from the head-quarters.
Total			52.50	

Annexure29: Data Center

Item	Norms	Proposed component	Amount in Rs. (Crore)	Justification
Establishment of Data Center	New Construction	1. Server Room	0.20	<ul style="list-style-type: none">• To comply with recommendations of Rajesh Agrawal Committee for examination reforms.• To maintain records of affiliated colleges, teachers and students• To execute and maintain aspects like Information of Varsity, Courses offered, syllabus, affiliation matters, new colleges etc on portal
		2. Server Equipment's	1.00	
		3. Networking infrastructure and accessories	1.30	
Total			2.50	