



THE ICFAI UNIVERSITY, JHARKHAND
INSTITUTIONAL DEVELOPMENT PLAN
2022-27

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Five Year Strategic Plan Strategic Plan 2022-27

EXECUTIVE SUMMARY

ICFAI University, Jharkhand is successfully running Various programs under Faculty of Management, Faculty of Science and Technology and Faculty of Law in the academic year 2021-22. The University plans to achieve a greater place in the state of Jharkhand and developed a strategic plan from the year 2022-27. The strategic plan focuses on the following salient points,

- Focus on action research by converting the summer internship projects of total 57 nos from the year 2022-23 to 2026-27
- Also concentrate on applied research by increasing the Scopus/ABDC indexed article from 33% from the year 2022-23 to 50% in the year 2026-27 with a faculty per capita from 2 , academic year 2022-23 to 4 in the academic year 2026-27
- Maintain adequate faculty members in the different faculty of studies from present 37 to 50 in the year 2026-27
- Plan to introduce new industry based courses in various faculties, 2 nos from the year 2022-23 to PhD in Faculty of Science and Technology in the year 2024-25 and PhD program under the faculty of Law in the year 2026-27
- Focus on the certificate courses in the advanced areas Technology enabled business, IT sector, mining sector, electrical vehicles, Law and Sustainable development
- The admission number will be added by 400 nos in the year 2022-23, 560 nos in the year 2023-24, 720 nos in the year 2024-25, 950 nos in the year 2025-26 and 1150 nos in the year 2026-27
- Introduce new disciplines such as Agriculture and allied sectors, Para-medical Services, Education (B Ed) and Liberal Arts
- Increase the campus infrastructure from present about 55,000 sq. ft. of built-up area to 65,000 sq.feet with an additional 10,000 sq. ft. which is under construction and get ready by the year 2023-24
- Plan the Laboratories for Electrical Vehicles, Advanced Manufacturing Technology, Data Sciences, AI/ML and Mining Labs
- Focus on social outreach program in each year, 11 nos of activities in the year 2022-23 to 14 nos in the year 2026-27

1.0 About this document

The ICFAI University, Jharkhand is the first private university set up in Jharkhand in 2008, as per the Act of Jharkhand State and was included in the list of Universities by UGC as per Sec 2 (f) of UGC Act, 1956 in Dec 2009. The University has been offering UG, PG, PhD programs in Science and Technology, IT, Commerce, Management and Law.

The Board of Governors of the University, in its meeting in Nov 2021, advised the University to present an Institution Development Plan (IDP), which will reflect the directions in which the University plans to grow in the next five years.

The University constituted multiple teams to work on the IDP, which includes areas like Vision of Jharkhand Government, overall higher education market scape in Jharkhand, competitive intelligence, Strengths-Weaknesses-Opportunities-Challenges and plan of action to move ahead. The University also conducted focus group discussions with Industry Experts in Automotive industry, Mining, Management and IT to understand possible future trajectories of the respective industries for the next 5 years so that the University can identify appropriate opportunities

In view of the challenges faced in setting up new campus infrastructure, this note gives proposed programs that can be taken up with the existing campus infrastructure and potential areas that can be taken up, as and when new campus infrastructure is available.

This document also covers focus areas for research and consulting projects and also broad plan of action to implement the plan. It also gives indication of projected income in the next 5 years as a result of implementation of the proposed plan.

1.1 Vision

- To be the most preferred Private University in the Eastern Region of India, known for Excellence in Values-based Education and Socially Relevant Research.

1.2 Mission

- To groom students into competent professionals, with values, by imparting them with contemporary knowledge and industry-ready skills, leveraging Educational Technology enabled pedagogy
- To conduct research on socially relevant issues, in particular to the State of Jharkhand,
- To be a Socially Responsible Institution and Promote Sustainable and Inclusive development of the neighboring areas.

1.3 Core Values

- Personal Ethics
- Quality
- Respect for Individual
- Student Focus
- Social Responsibility

1.4 SWOC Matrix

Strengths	Weaknesses
<ul style="list-style-type: none">• Perceived to be an Ethical and Values Based Institution• Good growth in admissions and attracted working professionals from industry• Stringent processes for academic delivery and research• Strong industry-academia interface• Congenial work environment ,with good work ethics• Committed faculty (low faculty attrition)• Alumni in reputed organizations• Good research output (PhDs and publications)	<ul style="list-style-type: none">• Lack of adequate infrastructure (land, buildings, hostels, etc.)• Low growth in admissions of fresh students , particularly for MBA• Majority of intake students have poor communication skills but high aspirations• Unable to attract experienced faculty members and academic leaders
Opportunities	Challenges
<ul style="list-style-type: none">• Potential for scaling up admissions for regular programs	<ul style="list-style-type: none">• Mushrooming of Private Universities in Jharkhand

<ul style="list-style-type: none"> • Potential for programs, harnessing local resources, like Mining, Forestry, Agriculture etc. • Potential for programs in high growth service sectors (Education, Healthcare, and Rural Development etc.) 	<ul style="list-style-type: none"> • Tendency of students preferring to go out of Jharkhand for higher education ,particularly B Tech and MBA • Unethical practices of some of the competitors for getting admissions • Meeting aspirations of students with regard to quality of Campus Placements, due to low growth of local private industry
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2.0 Methodology

The Institutional Development Plan document is prepared by taking the feedback from all the major stakeholders. Various issues are discussed at IQAC Committee. Both teaching and non-teaching staffs are asked to give their views in the all faculty meeting. The present methodology includes the following analysis,

- NEP regulation 2020
- Student opinions in the form of feed back
- Parents-Teachers Meeting feedback
- Brainstorming by faculty
- Non-teaching staffs feedback
- Admission trend for the last 5 years
- SWOT analysis of the University
- Vision of the Government of Jharkhand
- Analysis the competitors
- Industry based curriculum on the emerging areas

3.0 Strategic Objectives 2022-2027

1. To Strengthen the Institution by enhancing the existing capacity

The first objective has focused on the development by taking the existing infrastructure, existing programs and by adding new programs based upon the industry requirement. The outcome of the objective is for revenue generation towards sustainability in long run.

2. To create an effective learning environment

The outcome of the objective is quality enhancement through innovative research

Objective: 01

3.1 Strategic Initiatives: Year wise Plan and Target (New programs)

3.1.1 Journey of Program Offerings over the years

Slink	Level	Program	Duration(in years)	Year of Start	Remarks
1	PhD	PhD(Part Time in Management)	Min – 4 Max – 7	2012	
2	PG	MBA	2	2008	
3	PG	MBA for Working Professionals	2	2012	Classes in the evening and week ends
4	PG	MCA	2	2017	Discontinued in 2022 due to low admissions
5	UG	BBA	3	2009	
6		BHTM (Bachelor of Hospitality and Tourism)	3	2012	Introduced but did not conduct due to low admissions
7		B.Com (Hons.)	3	2015	Hons in Accounting and Banking
8		BCA	3	2010	
9		BCA (DS&AI)	3	2022	
10		BA (Journalism & MC)	3	2017	Discontinued in 2019 due to low admissions
11		B Sc (General)	3	2018	Introduced but did not conduct due to low admissions
12		BA Hons (English)	3	2021	Introduced but did not conduct due to low admissions
13		B.Tech (Mechanical, Mining, CSE, DS&AI)	4	2009	ECE discontinued in 2016 Mining introduced in 2016 DS&AI introduced in 2021
14		BBA-LLB (Hons.)	5	2018	Integrated Program
15		BA-LLB (Hons)	5	2022	Integrated Program
16		LLB	3	2018	
16	Diploma	Diploma in Technology (Polytechnic)	3	2015	Started with Mechanical. Introduced Mining and CSE in 2016.
17		DIT (Electrical) for Working Professionals	3	2018	Introduced but did not conduct due to low admissions
18		PGDCA	2	2017	Introduced but did not conduct due to low admissions
19	Certificate	Digital Agriculture Management	8 weeks	2021	Online course for working professionals
20		Digital Transformation of Business	8 weeks	2021	Foundation course. Online
21		Skill Entrepreneurship	6 weeks	2021	In association with Bosch
22		Paramedical (Care Giver)	6 weeks	2021	In association with Bosch

3.1.2 Year wise Programs Proposed to be offered in next 5 years

A) Campus programs

New courses by the University in the coming 5 years(Proposed Plan Year Wise)					
	2022-23	2023-24	2024-25	2025-26	2026-27
FOL	BA-LLB (Hons)		LLM		PhD

FMS		<ul style="list-style-type: none"> • BBA(Data Analytics) • BBA (Logistics) • MBA(Rural Management) • PhD (Full time) 			
FST - IT	BCA (DS&AI)	BTech (IOT) BTech (Cyber Security) BCA (Cyber Security)	PhD		
FST- Engg		B Tech (Automobile Engg) with specialization in EVs BTech (Mech) with focus on Mechatronics and Renewable Energy			

B) Certificate programs: It is proposed to offer Certificate programs of duration ranging from 6-12 weeks in Blended Mode in following areas:

Technology-enabled businesses

- Digital Business Transformation
- Digital Marketing
- FinTech
- HR Analytics
- Cyber Security for Managers
- GST for Managers
- Digital Agriculture Management
- Digital Logistics
- Legal Tech

IT Sector

- Data Analytics
- Block Chain
- Cyber Security
- Gaming
- IOT
- AI/ML/DL
- AR/VR/XR (Metavista)
- Cloud Computing

Mining Sector

Due to growth in economy, demand for power is expected to increase on sustained basis and coal will continue to have significant demand. Policy reforms by Govt of India in Coal Mining sector is opening up about 500 new mines for auctions in the next 5 years, thereby private companies like Adani group, Jindal, Tata Steel will be entering into coal mining in a big way. Besides MNCs like BHP are also expected to enter the fray. This will result in more digital transformation of mining sector and will open up career opportunities to Mining graduates as well as IT and Management graduates. Skill areas that are expected to be in demand.

- Digital Transformation of Mining
- Sustainable Mining

- 3D simulation for Mine Planning using Geological Data
- Mine Surveying
- Mining Machinery
- Mining Hazards & Safety
- Mine Closure Planning
- Mining Laws
- Environmental Impact Assessment
- New Technologies in Blasting, IoT, AI, GIS/ Image Processing, etc.

Electrical Vehicles

- According to an IVCA-EY-Indus law analysis report, July 2022, EV registrations were at 330,000 cars in 2021, a 168% increase over 2020. Sales of two- and three-wheelers increased by 48% and 47%, respectively. In 2021, the EV sector got US\$ 6 billion in investment, which is expected to rise to US\$ 20 billion by 2030. EV sales in India are predicted to exceed 9 million units by 2027, with the sector expected to create more than 10 million direct employments by 2030. About 1 million technical personnel (Engineers, Technicians and production persons are expected to be recruited in the next 5 years.
- Skill areas of focus are expected to be
 - Electric Vehicle Powertrain Design and Fabrication
 - EV Manufacturing
 - Battery Management Systems
 - EV Charging Infrastructure Technology
 - Electric Vehicle Design (Mechanical and Embedded Systems)

Sustainable Development

- Sustainable Development Goals
- How to achieve Sustainable Development Goals?
- Environmental Protection and Sustainability
- Natural Resources for Sustainable Development
- Technologies for Sustainable Development
- Renewable Energy Management

Law

- Alternate Dispute Resolution, Cyber Laws, Mining Laws, IPR

3.2 Strategic Initiatives: Year wise Plan and Target (Admission)

3.2.1 Admissions trend for last 5 years

Department	Program	Number of Students Admitted					Remarks
		2017-18	2018-19	2019-20	2020-21	2021-22	
FMS	Ph D	21	14	16	21	18	
FMS	MBA Section A	18	16	18	21	15	

FMS	MBA- Section B	18	17	23	24	24	Working Professionals
FMS	BBA	26	29	25	25	13	
FMS	B Com	3	8	4	8	13	
FMS	B. A. (Jour& MC)	3	4	-----	-----	-----	Discontinued
FOL	BBA-LLB	-----	20	28	27	23	
FOL	LLB –Sec A	-----			19	9	
FOL	LLB-Sec B	-----	17	31	56	50	Good growth
FST	MCA	6	Nil	4	10	7	Discontinued in 2022-23
FST	BCA	19	9	12	33	46	Good growth
FST	B. Tech	10	4	13	4	17	
FST	B. Tech-LE	-----	4	3	2	19	
FST	DIT	20	7	20	4	35	
Total		144	149	197	254	289	
	Certificate Prog					82	Digital Agr-17, Skill Entrepreneurship-25, Care Giver-25, Digital Business Transformn-15
Grand Total						371	

3.2.2 Trend of students on rolls of the University in last 5 years

Type of Program	2017-18	2018-19	2019-20	2020-21	2021-22	Remarks
Under Graduate (Including Diploma)	257	274	265	329	386	
Post Graduate	46	40	38	49	52	Low growth
Working Professionals Programs (MBA and LLB)	24	59	98	131	210	Good growth
PhD (Part Time)	86	89	92	94	95	
Certificate Programs					82	
Total	413	462	493	603	825	
Income (Rs Lakhs)	324.69	311.62	396.19	444.55	506.73 (Prov)	

3.2.2 Year wise new admission planned

	2022-23	2023-24	2024-25	2025-26	2026-27
New admissions (Both Existing and New courses)	300	360	420	500	550
Certificate Courses	100	200	300	450	600
Total	400	560	720	950	1150

3.2.3 Competition

As of July 2022, there is one Central University, 11 State Govt Universities, 16 State Private Universities and one Deemed to be University (BIT, Mesra) Details of the state private universities are furnished in Annexure-III and new programs offered by them in 2020-22 period are given in Annexure-IV.

3.2.3.1 Identified Opportunities

A) Existing Disciplines

Sl. No.	Faculty	Opportunity Area
1	FMS	<ul style="list-style-type: none"> Digital Transformation Rural Development Sustainable Development
2	FST	<ul style="list-style-type: none"> Emerging IT areas Mining Electrical Vehicles Renewable Energy Sources
3	FOL	<ul style="list-style-type: none"> Alternate Dispute Resolution

B) New Disciplines

- Agriculture and allied sectors
- Para-medical Services
- Education (B Ed)
- Liberal Arts

C) Market Segments

- Degrees (UG/PG/ PhD)
 - Regular students
 - Working Professionals
- Certificate Courses focused on Knowledge updation and Skill Enhancement
- Management Development Programs
- Consulting Services

In view of Campus Infrastructure constraints and the associated regulatory considerations (in disciplines like Education and Agriculture), to start with, it is proposed to offer new campus programs

and certificate programs in existing disciplines . Campus programs in new disciplines are proposed to be taken up once plans for new campus are finalized.

3.3 Strategic Initiatives: Year wise Plan and Target (Infrastructure)

3.3.1 Campus Infrastructure

- 1, 27 acres of land with about 55,000 sq. ft. of built-up area. Additional 10,000 sq. ft. under construction
- 29 class rooms, Labs, Mechanical Workshop, IT Labs, Moot Court, Auditorium (Details given in Annexure-1). As class rooms in the campus are not adequate, faculty cabins, Labs and auditorium etc. are being used currently to accommodate students of small batches
- Programs for working professional programs are held in City Office ,which also houses IGID employees
- There is need for 46 classrooms, whereas currently there are only 29 classrooms. Additional floor of about 20,000 sq feet needs to be constructed to cater to current programs itself

3.3.2 Laboratories

- For Electrical Vehicles, Advanced Manufacturing Technology, Data Sciences, AI/ML and Mining Labs

Objective: 02

3.4 Strategic Initiatives: Year wise Plan and Target (Human Resource)

3.4.1 Employees as on July 31, 2022

		FMS	FST	FOL	Total	Remarks
1	Faculty	17	10	10	37	
	Students on rolls 2021-22	261	229	253	743	
	F/S Ratio (Approx.)	1: 15	1:23	1:25	1:20	
2	Non-Teaching Staff (Exam, Admn, Accounts, Workshop, VC, Registrar)				11	
3	Total				48	

3.4.2 Year wise Planning for Human Resource

Faculty and Staffs	2022-23	2023-24	2024-25	2025-26	2026-27
FMS	1(Fin)	1(Business Analytic)			1
FST	1(IT) 1 (Mech)	1(IT) 1(Min)		1	
FoL	3		1		1
Non-Teaching Staff					
Total	6	3	1	1	2

3.5 Strategic Initiatives: Year wise Plan and Target (Research)

3.5.1 Centers of Competence : In order to promote quality research in thrust areas, it is proposed to set up 3 inter-disciplinary Centers of Competence in the following areas:

- ✓ Digital Transformation, 2022-23
- ✓ Mine Management, 2022-23
- ✓ Sustainable Development, 2022-23

A) Centre for Digital Transformation (CDT)

Thrust Area

- a) Technology Management of emerging digital technologies
- b) Technology deployment in various industries (like Banking, Financial Services and Insurance (BFSI), Education, Agriculture, Telecom, Retail, Manufacturing, Government etc).
- c) Technology and Functional Domains (Marketing, HR, Finance, Interdisciplinary)
- d) Conducting research activities that are related to the State of Jharkhand.

B) Centre for Mine Management (CMM)

Thrust Area

- Digital Mine Planning
- Digital Transformation of Mining
- Sustainable Mining
- Mine Surveying
- Mining Machinery
- Mining Hazards & Safety
- Mine Closure Planning
- Mining Laws
- Environmental Impact Assessment
- New Technologies in Blasting, IoT, AI, GIS/ Image Processing, etc.

C) Centre for Sustainable Development (CSD)

Thrust Area

- Sustainable Development Goals of UN
- How to achieve Sustainable Development Goals?
- Environmental Protection and Sustainability
- Natural Resources for Sustainable Development
- Technologies for Sustainable Development
- Renewable Energy Management

3.5.2 Action Research

Action research is another key area where the University is focused to concentrate more on live projects and Summer Internship and their conversion to research and teaching.

Year wise conversion of Summer Internship Project into Action Research

Faculty	2022-23	2023-24	2024-25	2025-26	2026-27
FMS	2	4	4	5	5
FST	2	3	3	3	3
FoL	4	4	5	5	5
Total	8	11	12	13	13

3.5.3 Tactical Activities Planned

- a) Conduct courses for students and working professionals
- b) Conduct Management Development Programs
- c) Lectures by Industry and Management Experts
- d) Conduct seminars/webinars/panel discussions/workshops
- e) Identify themes for research for PhD scholars of the University
- f) Take up consulting / research projects
- g) Publish research articles, use cases, case studies etc.

3.6 Strategic Initiatives: Year wise Plan and Target (Publication)

Research Publications by faculty

		2021-22					2022-23		2023-24		2024-25		2026-27		2027-28	
		No Faculty	Total P	Pub / faculty	Indexed	% indexed	Pub / faculty	% indexed	Pub/faculty	% indexed	Pub/faculty	% indexed	Pub/faculty	% indexed	Pub/faculty	% indexed
1	FMS	17	45	2.7	11	25%										
2	FST	10	6	0.6	3	50%										
3	FOL	10	4	0.4	2	50%										
4	Total	37	55	1.5	16	29%	2	33%	2.5	35%	3	40%	3.5	45%	4	50%
	Scopus				11											
	ABDC				5											

Thrust Area

- Publication in indexed journals
- Citations and h-index
- Filing of patent

3.7 Strategic Initiatives: Year wise Plan and Target (Consulting)

3.7.1 Focus areas identified

- CSR impact analysis
- Market surveys
- Customer feedback / satisfaction surveys
- MDPs

3.7.2 Target customers

- Medium size companies
- State Govt. Depts.
- Central PSUs
- Private and PSU banks

3.7.2 Year wise Plan and Target

Projects	2022-23	2023-24	2024-25	2025-26	2026-27
	Value (Rs L)	Value (Rs L)	Value (Rs L)	Value (Rs L)	Value (Rs L)

MDP/Consulting Projects	15	20	40	60	75
Total	15	20	40	60	75

3.8 Strategic Initiatives: Year wise Plan and Target (Social Outreach)

Target Village: Similia, Daladali, Tilta, Gatua and Pundag

Year wise Planned Activities

Name of Village	2022-23	2023-24	2024-25	2025-26	2026-27
Similia	3	4	3	3	2
Daladali	2	3	4	4	3
Tilta	2	2	3	4	3
Gatua	2	2	3	1	4
Pundag	2	3	1	2	2
Total	11	14	14	14	14

3.9 Income Projections for next 5 years (Annexure III)

(With Existing Campus Infrastructure)

Program	2022-23		2023-24		2024-25		2025-26		2026-27	
	NoS	Value (Rs L)	NoS	Value (Rs L)	NoS	Value (Rs L)	NoS	Value (Rs L)	NoS	Value (Rs L)
Existing students	510	355	600	415	680	500	750	600	800	700
New admissions	300	226	360	300	420	400	500	500	550	600
Total	810	581	960	715	1100	900	1250	1100	1350	1300
Certificate Courses	100	5	200	10	300	20	450	30	600	50
MDP/Consulting Projects		15		20		40		60		75
Total	910	601	1160	745	1400	960	1700	1200	1950	1425

12.0 Plan of action to implement the proposed plan

- Strengthen the focus areas (Mining,EVs, Digital Transformation) by adding more experienced faculty members (Regular, Adjunct or Visiting Faculty / Professors of Eminence)

- Strengthen industry interface in identified focus areas by way of MOUs with relevant Corporates
- Identify specific opportunities in new thrust areas – Agriculture, Education , Health Care (Paramedical Services)
- Draw plan of action to implement Higher Education Policy 2020
- Strengthen the team for taking up consulting projects
- Construction of additional 20,000 sq ft on 3rd floor of the current building
- Plan for a new campus to comply with UGC and Jharkhand Govt regulations

Annexure-1

Existing campus infrastructure

S No	Room No	Floor	Area (Sq ft)	Capacity	Program	Number actual	% utilisation	Remarks
	Faculty Rooms							
1	FOL	Ground	332	7	Law	9		2 new faculty expected to join in Aug 2022
2	FMS	Ground	1217	19	FMS	18		1 new faculty joining in Aug 2022
3	FST	Ground	563	9	FST	9		
	Total			35		36		
	Class rooms							
S No	Room No	Floor	Area (Sq ft)	Capacity (no of students)	Program	Batch	% utilisation	Remarks
4	Board Room	Ground	338	12	B.Tech CS-III	2020	25%	
5	1	Ground	764	48	DIT-1	2021	71%	
6	2	Ground	764					BOSCH/Board Room
7	3	Ground	764					Chemistry Lab
8	4	Ground	764	48	LLB-1-Sec-A, BBALLB-I	2021	65%	
9	5	Ground	764	48	LLB-III, BBALLB-III	2018 & 2019	96%	
10	6	Ground	764	48	BBALLB-V	2019	58%	
11	Workshop	Ground	1390					Workshop
12	Mechanical Labs	Ground	1780	10	DIT-V Mech, BTech-VII		80%	Mechanical Labs
13	Library-I	1st floor	1203					Library-I
14	Library-II	1st floor	342					Library-II
15	Library-III-Law	1st floor	220					Library-III-Law

16	Reading Room	1st floor	593	12	B.Tech-VII-CSE	2021	75%	Reading Room
17	I TLab-I	1st floor	548	35	MCA-I	2021	12%	I TLab-I
18	I T Lab-II	1st floor	312	35	MCA-III	2020	29%	I T Lab-II
19	I T-III with Server Room	1st floor	586					I T Lab -III with Server Room
20	101	1st floor	741	40	MBA-I	2021	32%	
21	102	1st floor	764	48	MBA-III	2020	56%	
22	103	1st floor	764	48	BBA-I, B.Com-I, BBALLB-I	2021	98%	
23	104	1st floor	764	60	BBA-III, B.Com-III, BBALLB-III	2020	98%	
24	105	1st floor	764	34	BBA & Bcom-V	2019	85%	
25	106	1st floor	764	24	BBALLB-III	2018	83%	Moot Court
26	107	1st floor	119	4	B.Com-V/MBA-II(Specialisation)	2019/2020	100%	Professor's Cabin
27	108	1st floor	116	6	B.Tech-V-Min	2019	100%	Professor's Cabin
28	109	1st floor	185	9	B.Tech-V CS	2019	78%	
29	110	1st floor	304	18	B.Tech-I	2020	95%	
30	111	1st floor	326	15	BCA-V	2019	60%	
31	112	1st floor	299					RAC Lab
32	113	1st floor	110	4	B.Tech V Mech	2019	50%	
33	113A	1st floor	112					Video Recording Room

34	Auditorium	1st floor	1500	145	Combined Classes for Eng & Computer	2021	100%	Auditorium
35	201	2nd floor	764	48	BCA-I	2021	96%	
36	202	2nd floor	764	32	BCA-III	2020	100%	
37	203(Drawing Room)	2nd floor	764	48	B.Tech-III, Mech, DIT-III Mech,	2020		Used for Classes as well as for Drawing
38	204	2nd floor	764	48	B Tech-VII-Mining	2018		Used for Classes as well as for Survey Room for Mining
39	205	2nd floor	378		Physics Lab			Physics Lab
40	206	2nd floor	377		Geology-Mining-Lab			Geology-Mining-Lab
41	207	2nd floor	378	10	DIT & B.Tech-Min-III	2020	100%	In Separate Timing
42	208	2nd floor	296	11	DIT-V-Min	2019	100%	
43	209	2nd floor	173		Mining-Gas Testing Lab		100%	Mining-Gas Lab
	City Office							

Vision of Govt of Jharkhand

Annexure II

Jharkhand is home to abundant biodiversity and fertile land, with forests accounting for over 29 percent of land cover. While agriculture is the mainstay for the rural population, it houses over 40 percent of the country's mineral reserves. Mining and mineral extraction contributes to over 14 percent of the state's GDP. It is the only state in India to produce coking coal, uranium and pyrite. The state is also a leading producer of coal, mica, kyanite and copper. This abundance of raw material makes the state important to the engineering and manufacturing sectors. Manufacturing contributes 27% of the GDP. Following are the priority areas:



Market Potential - based on future Career Opportunities
Annexure III

	Campus programs			Certificate	MDP / FDP	Projects & Consulting	New Potential areas
	UG	PG					
FMS	Digital Marketing, Business Analytics	Data Analytics, Digital Agriculture FinTech, Digital Business Transformation , Logistics Mgmt		Digital Marketing Cyber Security, Digital Agriculture management	Digital Business Transformation ,	Livelihood & Rural development	Agriculture and allied Business
FST (Mech)	Electrical Vehicles , Additive Mfg, Autonomous Vehicles	M Tech (Electrical Vehicles)		Electrical vehicle			
FST (Min)	Mining Machinery	MTech (Mining)		Mining Safety, Mine Environment, Mine Closure Management & Mine Planning (in association with CMPDI)	Mine Management		
FIT	Data Science, AI, Block Chain, Cyber Security			Agile Technology, Cyber Security			
FOL				Cyber Law Mining Law Customer Dispute settlement in BFSI Sector Alternate Dispute Resolution			

Annexure IV

	Name of the University	Location	Year started	Land (Acres)	Focus
1	AISECT University	Hazaribagh	2016	30	Agriculture
2	Amity University	Ranchi	2016	10	BBA,MBA
3	ARKA Jain University	Jamshedpur	2017	23	BBA,BCom,BCA,Pharmacy
4	Capital University	Kodarma	2018	24	Tribal Education
5	Jharkhand Rai University	Ranchi	2012	24	Agri,Mining,Diploma
6	Netaji Subhas University	Jamshedpur	2018	18	Pharmacy, BEd, Law
7	Pragyan International University	Ranchi	2016		Not available
8	Radha Govind University, Ranchi	Ranchi	2018	27	
9	Ram Krishana Dharmarth Foundation University	Ranchi	2018	26	
10	Ramchandra Chandravansi University	Palamu	2018		Medicine, Pharmacy
11	Sai Nath University	Ranchi	2012	21	
12	Sarla Birla University	Ranchi	2017	40	BTech,BBA,BCom,MBA
13	Srinath University	Jamshedpur	2021		B Ed
14	Usha Martin University	Ranchi	2013	30	
15	YBN University	Ranchi	2017	31	Pharmacy,Nursing,B Ed
	Total				

Source: Information furnished by the Universities during the VCs meeting with Hon Governor of Jharkhand in Dec 2021

New Professional Programs introduced by the Major Competitors during 2020-2022		
	University /Institution	New Programs
1	Amity	BBA-MBA Dual Degree, BA English Hons, BA Economics (Hons.) B.Tech(Wild Life & Forestry) B.Tech (Automobile Engg)
2	Sarla Birla	M.Tech (Computer Science & Engineering / Thermal Engineering / Structural Engineering / Environmental Engineering / Construction Technology & Management / Control Systems / Power Systems / Signal Processing / VLSI Design); B.B.A in Capital Market; B.A (Hon.) in Economics; B.A (Hon.) in Sanskrit; B.A (Hon.) English B.Sc Mathematics (Hons) – B. Sc. in Yogic Science
3	Arka Jain	BSc -Biotechnology; B.Voc; B.Tech -Artificial Intelligence; B.Tech - Data Science; B.Tech - IOT
4	Usha Martin	MA (Education); B.Sc (Hons.) Agriculture; B.Sc ML; , B.Pharma; D Pharma; Ph.D (Commerce, Computer Science, English, Physics, Mathematics, Education)
5	Jharkhand Rai University	B.Sc(Agriculture); Diploma Pharmacy; BBA (Logistics)