**A Report for Academic, Administrative, Financial & Infrastructure Audit**

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**Central University of Jharkhand**

**Brambe, Ranchi, Jharkhand- 835205**

**India**

**Content**

|  |  |  |
| --- | --- | --- |
| **Sl.No.** | **Particulars** | **Page no.** |
| **1** | **Curricular Aspects** | **2-30** |
| **2** | **Teaching Learning and Evaluation** | **31-36** |
| **3** | **Research, consultancy & Extension** | **37-74** |
| **4** | **Infrastructure and Learning Resources** | **75-78** |
| **5** | **Student Support and Progression** | **79-88** |
| **6** | **Governance, Leadership and Management** | **89-103** |
| **7** | **Innovation and Best Practices** | **104-113** |
| **8** | **Budget Allocation and Utilization** | **114-119** |
| **9** | **Detailed Action Plan for next 3 years with Intermediate Tangible Outcomes/Milestones along with implementation plan** | **120-123** |

1. **Curricular Aspects**

|  |  |  |
| --- | --- | --- |
| **Sl.No.** | **Particulars** | **Details** |
| 1.1 | Details about Academic programmes | Ph.D. Programmes  5 years Integrated Master program in various disciplines ( Temporarily suspended from 2017-18 session)  4 years Integrated B.Ed.  2 years B.Ed.  2 years Master program (New/ Lateral entry; Suspended from 2017-18 Session)  Diploma/ Certificate Courses  ***(For details please see the annexure I)*** |
| 1.2 | Pattern – Trimester / Semester / Annual | Semester |
| 1.3 | Curriculum Benchmarking | University level Bench marking is done through academic audit process by all the centres of the University.  National Level Curriculum benchmarking is done by the inputs/Suggestion from Board of Study and School board Members (external) who are from various central universities / prominent State Universities and other and Centrally funded Autonomous Institution.  Other informal benchmarking process includes inputs from industries as well as foreign academicians. |
| 1.4 | Curriculum design process / revision process including involvement of stakeholders | Curriculum design process is undertaken by Board of Studies then by School Board and approved by Academic Council as per University ordinances (Ordinance OA7 and OA-6). |
| 1.5 | Structure of the curriculum | As per Ordinance OA-11 one semester includes 15 week of teaching  Credit system is based on 15 hours of contact teaching for 1 Credit point  The Curricula are based on CBCS system Including:   * Core Courses * Electives * Self-Study Courses * Practical * Dissertation * Internship |
| 1.6 | Components of the curriculum | Details of curriculum content of few centres as example is provided as attachment ***(Annexure II)*** |
| 1.7 | Emphasis on diversity, flexibility and multi-skill development | Yes, the curriculum is designed keeping in view the recent development in the relevant Industry |
| 1.8 | Inter-disciplinary options | Integrated master’s program has CBCS which offers freedom to select courses across the multiple disciplines.  Elective papers are offered both at the undergraduate and postgraduate level.  Science and Technology centres Integral courses components in the field of Humanities, Social Science, law, Ethics, Economics etc. |
| 1.9 | Curriculum based on Outcome-based education | Yes, emphasis is given on curriculum based on Outcome-based education and for this upgradation of courses is made regularly. |
| 1.10 | CBCS based curriculum | Implemented in 5th semester of all Integrated Masters programs. |
| 1.11 | Skill based and Industry relevant curriculum | Yes, the University curriculum is skill based and industry relevant. |
| 1.12 | Frequency of revision with percentage change in contents | University ordinance mandate for two meetings of School Board and Board of studies in one year and they can take up the curricular revision as and when needed. |

**Annexure – I**

(Details about establishment of Centre, Starting of various Academic Program (Year-Wise))

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Centre for | Establishment Year | Int. PG. Start Session\* | P.G. Start Session | Ph.D. start Session | Cert./Dip. Course start Session | Other |
| Mass Communication | 2009 | 2009 | Lateral Entry (LE) 2012  New PG (NPG) 2017 | 2011 | NIL | NIL |
| Business Administration | 2009 | 2009 | LE 2012  NPG 2017 | 2011 | NIL | 3 Months MDP 2011 to 13 |
| Applied Mathematics | 2009 | 2009 | LE 2012  NPG 2017 | 2013 | NIL | NIL |
| English Language | 2009 | 2009 | LE 2012  NPG 2017 | 2011 | NIL | NIL |
| Applied Physics | 2010 | 2010 | LE 2012  NPG 2017 | 2013 | NIL | NIL |
| Applied Chemistry | 2010 | 2010 | LE 2012  NPG 2017 | 2013 | NIL | NIL |
| Life Science | 2010 | 2010 | LE 2012  NPG 2017 | 2011 | NIL | NIL |
| Nanotechnology | 2010 | 2010 | NPG 2017 | 2013 | NIL | NIL |
| Indigenous Culture Studies | 2010 | 2010 | LE 2012  NPG 2017 | 2011 | NIL | NIL |
| Water Engineering and Management | 2010 | 2010 | NPG 2017 | 2013 | NIL | NIL |
| Energy Engineering | 2011 | 2011 | NPG 2017 | 2013 | NIL | NIL |
| Human Rights and Conflict Management | 2011 | NIL | 2013 | 2013 | 2011 | NIL |
| Land Resource Management | 2012 | 2012 | 2012 | 2012 | 2011 | NIL |
| Environmental Sciences | 2012 | 2012 | 2017 | 2013 | NIL | NIL |
| International Relations | 2012 | 2012 | 2017 | 2013 | 2012 | NIL |
| Humanities and Social Sciences | 2012 | NIL | NIL | 2012 | NIL | NIL |
| Far East Language (Chinese, Korean, Tibetan) | 2012 | 2012 | NIL | 2013 | 2012 | NIL |
| Tribal and Customary Law | 2012 | NIL | 2012 | 2013 | NIL | NIL |
| Tribal Folklore Language and Literature | 2013 | NIL | 2013 | 2013 | NIL | NIL |
| Music and Performing arts | 2013 | NIL | 2013 | 2013 | NIL | Three years BA in performing arts started in 2013 |
| Education | 2013 | Integrated B.A.- B.Ed. And BSc.- B.Ed. 2013, 2 years B.Ed. since 2015 alongwith 4 years B.Sc.-B.Ed./B.A.-B.Ed. (2015 batch only) | NIL | NIL | NIL | NIL |

Note: M.Tech. Program in Mobile computing started in 2013 and discontinued thereafter.

**Annexure – II**

**Integrated MBA Program Structure**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course Name** | **L** | **T** | **P** | **Credit** |
| **Semester – I** | | | | |
| Principles of Management | **3** | **0** | **0** | **3** |
| Micro Economics | **3** | **0** | **0** | **3** |
| Financial Accounting | **3** | **0** | **0** | **3** |
| Fundamentals of Computers | **3** | **0** | **0** | **3** |
| Business Mathematics | **3** | **0** | **0** | **3** |
| Business Communication | **3** | **0** | **0** | **3** |
| Communicative English | **3** | **0** | **0** | **3** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course Name** | **L** | **T** | **P** | **Credit** |
| **Semester – II** | | | | |
| Principles of Marketing – I | **3** | **0** | **0** | **3** |
| Behavioural Sciences | **3** | **0** | **0** | **3** |
| Statistics for Managers | **3** | **0** | **0** | **3** |
| Financial Management | **3** | **0** | **0** | **3** |
| Environmental Studies | **3** | **0** | **0** | **3** |
| Macro Economics | **3** | **0** | **0** | **3** |
| Personality Growth Lab | **3** | **0** | **0** | **3** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course Name** | **L** | **T** | **P** | **Credit** |
| **Semester – III** | | | | |
| Principles of  Marketing – II | **3** | **0** | **0** | **3** |
| Business Law | **3** | **0** | **0** | **3** |
| Quantitative Techniques | **3** | **0** | **0** | **3** |
| Organizational Behavior | **3** | **0** | **0** | **3** |
| Management Accounting | **3** | **0** | **0** | **3** |
| Business Environment | **3** | **0** | **0** | **3** |
| Interpersonal skills & Working in teams | **3** | **0** | **0** | **3** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course Name** | **L** | **T** | **P** | **Credit** |
| **Semester – IV** | | | | |
| Production & Operations Management | **3** | **0** | **0** | **3** |
| Management Information System | **3** | **0** | **0** | **3** |
| Research Methodology | **3** | **0** | **0** | **3** |
| Project Management | **3** | **0** | **0** | **3** |
| Human Resource Management | **3** | **0** | **0** | **3** |
| Consumer Behavior | **3** | **0** | **0** | **3** |
| Field Project |  |  |  | **3** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course Name** | **L** | **T** | **P** | **Credit** |
| **Semester – V** | | | | |
| Summer Project Report & Presentation-I |  |  |  | **3** |
| Elective – I | **3** | **0** | **0** | **3** |
| Elective – II | **3** | **0** | **0** | **3** |
| Elective – III | **3** | **0** | **0** | **3** |
| Elective – IV | **3** | **0** | **0** | **3** |
| Elective – V | **3** | **0** | **0** | **3** |
| Elective – VI | **3** | **0** | **0** | **3** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course Name** | **L** | **T** | **P** | **Credit** |
| **Semester – VI** | | | | |
| Supply Chain Management | **3** | **0** | **0** | **3** |
| Operations Research | **3** | **0** | **0** | **3** |
| Entrepreneurship Development | **3** | **0** | **0** | **3** |
| Product Management | **3** | **0** | **0** | **3** |
| Business Ethics | **3** | **0** | **0** | **3** |
| Comprehensive Viva-Voce |  |  |  | **3** |
| Industry Project |  |  |  | **3** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course Name** | **L** | **T** | **P** | **Credit** |
| **Semester – VII** | | | | |
| Analysis & Decision Making | **3** | **0** | **0** | **3** |
| Strategic Management | **3** | **0** | **0** | **3** |
| Organization Development & Change | **3** | **0** | **0** | **3** |
| Logistics Management | **3** | **0** | **0** | **3** |
| Business Process Reengineering | **3** | **0** | **0** | **3** |
| Financial Statement Analysis | **3** | **0** | **0** | **3** |
| Summer Project Report & Presentation-II |  |  |  | **3** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course Name** | **L** | **T** | **P** | **Credit** |
| **Semester – VIII** | | | | |
| Business Laws – II | **3** | **0** | **0** | **3** |
| Total Quality Management | **3** | **0** | **0** | **3** |
| F E –A/B/C- I | **3** | **0** | **0** | **3** |
| F E –A/B/C- II | **3** | **0** | **0** | **3** |
| F E –A/B/C- III | **3** | **0** | **0** | **3** |
| SE – I | **3** | **0** | **0** | **3** |
| Summer Project Report & Presentation-I |  |  |  | **3** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course Name** | **L** | **T** | **P** | **Credit** |
| **Semester – IX** | | | | |
| Strategic Marketing Management | **3** | **0** | **0** | **3** |
| Foreign Language -I (Chinese/ Korean) | **3** | **0** | **0** | **3** |
| F E –A/B/C- IV | **3** | **0** | **0** | **3** |
| F E –A/B/C- V | **3** | **0** | **0** | **3** |
| F E –A/B/C- VI | **3** | **0** | **0** | **3** |
| SE – II | **3** | **0** | **0** | **3** |
| Summer Project Report & Presentation-I |  |  |  | **3** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course Name** | **L** | **T** | **P** | **Credit** |
| **Semester – X** | | | | |
| Corporate Governance and Public Policy | **3** | **0** | **0** | **3** |
| Foreign Language –II (Chinese/ Korean)  **Note: From 2015onwards Foreign Language Replaced by Project with 3 credits** | **3** | **0** | **0** | **3** |
| Enterprise Risk Management | **3** | **0** | **0** | **3** |
| Entrepreneurial Business and Management | **3** | **0** | **0** | **3** |
| Business Simulations | **3** | **0** | **0** | **3** |
| Management by Human Values | **3** | **0** | **0** | **3** |
| Comprehensive Viva-Voce |  |  |  | **3** |

**Summary of Subjects of IMBA**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Semester I** | **Semester II** | **Semester III** | **Semester IV** | **Semester V** | **Semester VI** |
| Principles of Management | Principles of Marketing – I | Principles of  Marketing – II | Production & Operations Management | Summer Project Report & Presentation-I | Supply Chain Management |
| Micro Economics | Behavioural Sciences | Business Law | Management Information System | Elective – I | Operations Research |
| Financial Accounting | Statistics for Managers | Quantitative Techniques | Research Methodology | Elective – II | Entrepreneurship Development |
| Fundamentals of Computers | Financial Management | Organizational Behavior | Project Management | Elective – III | Product Management |
| Business Mathematics | Environmental Studies | Management Accounting | Human Resource Management | Elective – IV | Business Ethics |
| Business Communication | Macro Economics | Business Environment | Consumer Behavior | Elective – V | Comprehensive Viva-Voce |
| Communicative English | Personality Growth Lab | Interpersonal skills & Working in teams | Field Project | Elective – VI | Industry Project |

**Electives To be opted from following in semester V**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Cost Accounting | Corporate Social Responsibility | Brand Management | Human Resource Planning | Creativity and Innovation |
| Materials and Purchase Management | Industrial Relations and Labour Laws | E- Commerce | Service Marketing |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Semester VII** | **Semester VIII** | **Semester IX** | **Semester X** |
| Analysis & Decision Making | Business Laws – II | Strategic Marketing Management | Corporate Governance and Public Policy |
| Strategic Management | Total Quality Management | Foreign Language -I (Chinese/ Korean) | Foreign Language –II (Chinese/ Korean) |
| Organization Development & Change | F E –A/B/C- I | F E –A/B/C- IV | Enterprise Risk Management |
| Logistics Management | F E –A/B/C- II | F E –A/B/C- V | Entrepreneurial Business and Management |
| Business Process Reengineering | F E –A/B/C- III | F E –A/B/C- VI | Business Simulations |
| Financial Statement Analysis | SE – I | SE – II | Management by Human Values |
| Summer Project Report & Presentation-II | Summer Project Report & Presentation-I | Summer Project Report & Presentation-I | Comprehensive Viva-Voce |

**Functional and Sectoral Electives (F E/ SE)**

|  |  |  |  |
| --- | --- | --- | --- |
| **FUNCTIONAL ELECTIVES** | | | **SECTORAL ELECTIVES** |
| **Financial Management** | **Marketing Management** | **Human Resource Management** |
| Management of Financial Services | Global Marketing | Global HRM | Hospitality & Tourism Management |
| Portfolio Management | Retail Management | Advanced Labour Laws | Co-operative Management |
| Taxation | Integrated Marketing Communication | Human Resources Development | International Business |
| Derivatives and Risk Management | Sales Management | Negotiation & Conflict Management | Event Management |
| Money Market & Capital market | New-Age Marketing | Compensation Management | Management of Nonprofit Organizations |
| International finance | Customer Relationship Management | Performance Management Systems |  |
| Security Analysis | Rural Marketing | Strategic HRM |  |
| Advance Corporate Finance | B2B Marketing | HRIS & HR Audit |  |

**Course Structure: Master of Business Administration (2 Year M.B.A.)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Course Name | Type | L | T | P\*\* | Credit |
| Semester I | | | | | |
| Principles of Management | Core | 4 | 0 | 0 | 4 |
| Accounting for Managers | Core | 3 | 0 | 0 | 3 |
| Statistics for Managers | Core | 4 | 0 | 0 | 4 |
| Managerial Economics | Core | 3 | 0 | 0 | 3 |
| IT for Mangers | Core | 1 | 0 | 1 | 2 |
| Organization Behavior | Core | 4 | 0 | 0 | 4 |
| Business Communication | Core | 2 | 0 | 1 | 3 |
| Business Environment | Core | 3 | 0 | 0 | 3 |
|  | Total |  |  |  | 26 |
| Semester II | | | | | |
| Financial Management | Foundation | 3 | 0 | 0 | 3 |
| Research Methodology | Core | 3 | 0 | 0 | 3 |
| Human Resource Management | Foundation | 4 | 0 | 0 | 4 |
| Marketing Management | Foundation | 3 | 0 | 0 | 4 |
| Operations Research | Core | 4 | 0 | 0 | 4 |
| Operations Management | Core | 4 | 0 | 0 | 4 |
| Management Information System | Core | 3 | 0 | 0 | 3 |
|  | Total |  |  |  | 25 |
| Semester III | | | | | |
| Legal Environment of Business | Core | 3 | 0 | 0 | 3 |
| Strategic Management | Core | 3 | 0 | 0 | 3 |
| Supply Chain Management | Core | 3 | 0 | 0 | 3 |
| Elective 1 |  | 3 | 0 | 0 | 3 |
| Elective 2 |  | 3 | 0 | 0 | 3 |
| Elective 3 |  | 3 | 0 | 0 | 3 |
| Summer Internship Project |  | 0 | 0 | 0 | 6 |
| Semester IV | | | | | |
| Business Ethics & Corporate Governance | Core | 3 | 0 | 0 | 3 |
| Entrepreneurship Management | Core | 3 | 0 | 0 | 3 |
| Elective 4 |  | 3 | 0 | 0 | 3 |
| Elective 5 |  | 3 | 0 | 0 | 3 |
| Elective 6 |  | 3 | 0 | 0 | 3 |
| Elective 7 |  | 3 | 0 | 0 | 3 |
| Project |  |  |  |  | 3 |
| Comprehensive Viva Voce |  |  |  |  | 3 |

**Syllabus of Five Years Integrated M. Sc. in Environmental Sciences**

**Semester I**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Paper** | **Code** | **Credit (L+T+P)** |
| 1. | Basic Maths | MAT 111010 | 3+1+0 |
| 2. | Introductory Physics I | PHY 110021 | 3+0+0 |
| 3. | Principle of Chemistry I | CHM 110030 | 3+0+0 |
| 4. | Principles of Environmental Science and Ecology | ENV 111041 | 3+0+0 |
| 5. | Fundamentals of Computer and C Programming | COM 110050 | 2+0+2 |
| 6. | Environmental Studies | EVS 110060 | 3+0+0 |
| 7. | Ecology Lab | ENV 112070 | 0+0+2 |
| 8. | Introductory Physics I Lab | PHY 112080 | 0+0+2 |
| 9. | Principles of Chemistry I Lab | CHM 112090 | 0+0+2 |
| **Total Credit** | | | **26** |

**Semester II**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No** | **Paper** | **Code** | **Credit (L+T+P)** |
| 1. | Statistics | STA 121010 | 3+1+0 |
| 2. | Introductory Physics II | PHY 120020 | 3+1+0 |
| 3. | Principle of Chemistry II | CHM 120030 | 3+1+0 |
| 4. | English for Communication | ENG 120040 | 3+0+1 |
| 5. | Environmental Chemistry | ENV 121050 | 3+1+0 |
| 6. | Environmental Chemistry Lab | ENV 122100 | 0+0+2 |
| 7. | Introductory Physics II Lab | PHY 122110 | 0+0+2 |
| 8. | Principles of Chemistry II Lab | CHM 122120 | 0+0+2 |
| **Total Credit** | | | **26** |

**Semester III**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Paper** | **Code** | **Credit (L+T+P)** |
| 1. | Environmental Biology | ENV 211011 | 3+1+0 |
| 2. | Environmental Physics | ENV 211021 | 3+1+0 |
| 3. | Environmental Earth Science | ENV 211031 | 3+1+0 |
| 4. | Environmental Pollution | ENV 211040 | 3+1+0 |
| 5. | Disaster Management | LRM 210100 | 3+1+0 |
| 6. | Environmental Pollution and Earth Science Lab | ENV 212050 | 0+0+2 |
| 7. | Environmental Biology Lab | ENV 212060 | 0+0+2 |
| 8. | Local Field Visit to study Natural Ecosystem | ENV 213070 | 0+0+2 |
| Total Credit | | | **26** |

**Semester IV**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No** | **Paper** | **Code** | **Credit (L+T+P)** |
| 1. | Fundamental of Soil Sciences | ENV 221011 | 3+1+0 |
| 2. | Environmental Microbiology and Biotechnology | ENV 221021 | 3+1+0 |
| 3. | Natural Resources and Management | ENV 221030 | 3+1+0 |
| 4. | Environmental Monitoring and Pollution control Technologies | ENV 221040 | 3+1+0 |
| 5. | Environmental Microbiology and Biotechnology Lab | ENV 222050 | 0+0+2 |
| 6. | Soil Science Lab | ENV 222060 | 0+0+2 |
| **Total Credit** | | | **20** |

**Semester V (Electives) (any four from own Centre + two from other Centre)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Paper** | **Code** | **Credit (L+T+P)** |
| 1. | Environmental Issues (E1) | ENV 315010 | 3+1+0 |
| 2. | Biodiversity (E2) | ENV 315020 | 3+1+0 |
| 3. | Aerosol & Environment (E3) | ENV 315030 | 3+1+0 |
| 4. | Forestry and Wildlife Management (E4) | ENV 315041 | 3+1+0 |
| 5. | Global Energy Scenario & Resources (E5) | ENV 315050 | 3+1+0 |
| 6. | Industrial Pollution and Control (E6) | ENV 315060 | 3+1+0 |
| 7. | Industrial Safety and Toxicology (E7) | ENV 315071 | 3+1+0 |
| **Total Credit** | | | **16+04=20** |

**Semester VI**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No** | **Paper** | **Code** | **Credit (L+T+P)** |
| 1. | Instrumentation and Analytical Techniques | ENV 321011 | 3+1+0 |
| 2. | Environmental Agriculture Meteorology | ENV 321020 | 3+1+0 |
| 3. | Municipal Solid and Hazardous Waste Management | ENV 321030 | 3+1+0 |
| 4. | Water Resource Management | ENV 321040 | 3+1+0 |
| 5. | Agro-Meteorology and Analytical Methods Lab | ENV 322050 | 0+0+2 |
| 6. | Research/Industrial training & report writing (one month) | ENV 323060 | 0+0+2 |
| **Total Credit** | | | **20** |

**Semester VII**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No** | **Paper** | **Code** | **Credit (L+T+P)** |
| 1. | Environmental Laws & Legislation | ENV 411010 | 3+1+0 |
| 2. | Ecology | ENV 411020 | 3+1+0 |
| 3. | Environmental Management and Sustainable Development | ENV 411030 | 3+1+0 |
| 4. | Water Supply and Treatment | ENV 411040 | 3+1+0 |
| 5. | Ecology & Biodiversity Lab | ENV 412050 | 0+0+2 |
| 6. | Water Supply and Treatment Lab | ENV 412060 | 0+0+2 |
| 7. | Visit to Water Treatment Palnts/Sewage Treatment Plants | ENV 413070 | 0+0+2 |
| **Total Credit** | | | **22** |

**Semester VIII**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No** | **Paper** | **Code** | **Credit (L+T+P)** |
| 1. | Environmental Application of Microbiology and Biotechnology | ENV 421010 | 3+1+0 |
| 2. | Science of the Climate | ENV 421020 | 3+1+0 |
| 3. | Environmental Impact Assessment and Auditing | ENV 421030 | 3+1+0 |
| 4. | Basic of Remote Sensing | ENV 421040 | 3+1+0 |
| 5. | Remote Sensing and GIS Lab | ENV 422050 | 0+0+2 |
| 6. | Applied Microbiology and Biotechnology Lab | ENV 422060 | 0+0+2 |
| **Total Credit** | | | **20** |

**Semester IX (Any three electives)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No** | **Paper** | **Code** | **Credit (L+T+P)** |
| 1. | Environmental Economics and Economics of Pollution control | ENV 511011 | 3+1+0 |
| 2. | Environmental Modeling and Statistics | ENV 511020 | 3+1+0 |
| 3. | Ecological Restoration (E3) | ENV 515030 | 3+1+0 |
| 4. | Climate Change and Clean Technology (E4) | ENV 515050 | 3+1+0 |
| 5. | Mining impact on Environmental (E5) | ENV 515040 | 3+1+0 |
| **Total Credit** | | | **20** |

**Semester X**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No** | **Paper** | **Code** | **Credit (L+T+P)** |
| 1. | Dissertation | ENV 524010 | 0+0+16 |
| 2. | Seminar | ENV 524020 | 0+0+4 |
| **Total Credit** | | | **20** |

**Syllabus of M.Sc. in Environmental Sciences 2 year’s course**

**Semester - I**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Paper** | **Code** | **Credit (L+T+P)** |
| **1** | ENV/M/411010 | Ecology and Ecosystem | 2+1+0 |
| **2** | ENV/M/411020 | Basics of Meteorology and Climatology | 2+1+0 |
| **3** | ENV/M/411030 | Environmental Pollution and Monitoring | 2+1+0 |
| **4** | ENV/M/411040 | Environmental Chemistry | 2+1+0 |
| **5** | ENV/M/411050 | Environmental Geology | 2+1+0 |
| **6** | ENV/M/412060 | Ecology Lab & Field Visit | 0+0+2 |
| **7** | ENV/M/412070 | Environmental Chemistry Lab | 0+0+2 |

**Semester – II**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Paper** | **Code** | **Credit (L+T+P)** |
| **1** | ENV/M/421010 | Environmental Microbiology and Biotechnology | 2+1+0 |
| **2** | ENV/M/421020 | Instrumentation and Analytical Techniques | 2+1+0 |
| **3** | ENV/M/421030 | Environmental Toxicology and Industrial Safety | 2+1+0 |
| **4** | ENV/M/426040 | Forestry and wildlife management (Elective) | 2+1+0 |
| **5** | ENV/M/426050 | Biodiversity Conservation (Elective) | 2+1+0 |
| **6** | ENV/M/426060 | Aerosol and Environment (Elective) | 2+1+0 |
| **7** | ENV/M/426070 | Environmental Agriculture meteorology (Elective) | 2+1+0 |
| **8** | ENV/M/426080 | Water and Waste water treatment (Elective) | 2+1+0 |
| **9** | ENV/M/426090 | Renewable energy Resources (Elective) | 2+1+0 |
| **10** | ENV/M/4220100 | Toxicology Lab | 0+0+2 |
| **11** | ENV/M/4220110 | Environmental Microbiology and Biotechnology Lab | 0+0+2 |

**Semester – III**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Paper** | **Code** | **Credit (L+T+P)** |
| **1** | ENV/M/511010 | Environmental Laws and Legislation | 2+1+0 |
| **2** | ENV/M/511020 | Environmental Impact Assessment and Auditing | 2+1+0 |
| **3** | ENV/M/511030 | Environmental Modelling and Statistics | 2+1+0 |
| **4** | ENV/M/516040 | Restoration Ecology (Elective) | 2+1+0 |
| **5** | ENV/M/516050 | Carbon Sequestration and Agro-management(Elective) | 2+1+0 |
| **6** | ENV/M/516060 | Air pollution monitoring and control (Elective) | 2+1+0 |
| **7** | ENV/M/516070 | Solid Waste Management (Elective) | 2+1+0 |
| **8** | ENV/M/516080 | Land Surface processes and micro meteorology (Elective) | 2+1+0 |
| **9** | ENV/M/516090 | Fundamentals of Remote Sensing and GIS (Elective) | 2+1+0 |
| **10** | ENV/M/5140100 | Synopsis preparation for Dissertation | 0+0+4 |

**Semester – IV**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Paper** | **Code** | **Credit (L+T+P)** |
| **1** | ENV/M/524010 | Mid Term Evaluation (Report and Presentation) | 0+0+2 |
| **2** | ENV/M/524020 | Dissertation (Both Soft and hardcopy) | 0+0+12 |
| **3** | ENV/M/524030 | Seminar (PPT presentation) | 0+0+4 |

**5 Year Integrated M.Sc. In Life Science**

Semester: I

|  |  |  |  |
| --- | --- | --- | --- |
|  | Paper Name | Credit  (L+T+P) | Code |
| 1. | Basic Maths | 3+1+0 | MAT 111010 |
| 2. | Introductory Physics-I | 3+0+0 |  |
| 3. | Principles of Chemistry-I | 3+0+0 |  |
| 4. | Basic Biology | 3+0+0 | BIO 110041 |
| 5. | Fundamentals of Computer and C Programming | 2+0+2 | COM 110050 |
| 6. | Environmental Studies | 3+0+0 | EVS 110060 |
| 7. | Principles of Chemistry-I lab | 0+0+2 | CHM 112090 |
| 8. | Introductory Physics-I Lab | 0+0+2 | PHY 112080 |
| 9. | Basic Biology lab | 0+0+2 | BIO 112070 |
| **Total Credit** | | **26** | |

Semester: II

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | Statistics | 3+1+0 | STA 121010 |
| 2. | Introductory Physics –II | 3+1+0 |  |
| 3. | Principles of Chemistry –II | 3+1+0 |  |
| 4. | English for communication | 3+0+1 | ENG 120040 |
| 5. | Cell Biology | 3+1+0 | BIO 121051 |
| 6. | Cell Biology Lab | 0+0+2 | BIO 122100 |
| 7. | Introductory Physics –II Lab | 0+0+2 | PHY 122110 |
| 8. | Principle of Chemistry –II Lab | 0+0+2 | CHM 122120 |
| **Total Credit** | | **26** | |

Semester: III

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | Biodiversity of Microbes and Microbiology | 3+0+0 | BIO 211011 |
| 2. | Biochemistry I | 3+0+0 | BIO 211021 |
| 3. | Basic Genetics- I | 3+0+0 | BIO 211031 |
| 4 | Organic Chemistry | 3+0+0 | CHM 210041 |
| 5. | Bio Techniques | 3+0+0 | BIO 211090 |
| 6. | Disaster Management | 3+0+0 |  |
| 6. | Microbiology lab | 0+0+2 | BIO 212060 |
| 7. | Biochemistry and Genetics lab | 0+0+2 | BIO 212070 |
| **Total Credit** | | **22** | |

Semester: IV

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | Systematics and Biodiversity of Plants | 3+0+0 | BIO 221011 |
| 2. | Plant Physiology | 3+0+0 | BIO 221021 |
| 3. | Biochemistry-2 (Enzymes/Metabolism/Bioenergetics) | 3+0+0 | BIO 221031 |
| 4. | Environmental Biology/Ecology | 3+0+0 | BIO 221041 |
| 5. | Molecular Biology | 3+0+0 | BIO 221051 |
| 6. | Plant Systematics, Physiology and Ecology Lab | 0+0+2.5 | BIO 222060 |
| 7. | Biochemistry and Molecular Biology Lab | 0+0+2.5 | BIO 222070 |
| **Total Credit** | | **20** | |

Semester: V (Electives)\*

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | Neuroscience | 3+1+0 | BIO 315011 |
| 2. | Drug Discovery and Delivery | 3+1+0 | BIO 315021 |
| 3. | Animal Cell and Tissue Engineering | 3+1+0 | BIO 315031 |
| 4. | Introduction to Biophysics | 3+1+0 | BIO 315040 |
| 5. | Photobiology | 3+1+0 | BIO 315050 |
| 6. | Functional Proteins and Enzymology | 3+1+0 | BIO 315060 |
| 7. | Cancer biology | 3+1+0 | BIO 315071 |

**\*Total credit to be selected from parent department: Not less than 16**

Semester: VI

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | Systematics &Biodiversity of Animals | 3+0+0 | BIO 321011 |
| 2. | Animal Physiology | 3+0+0 | BIO 321021 |
| 3. | Plant Developmental Biology | 3+0+0 | BIO 321030 |
| 4. | Molecular Genetics | 3+0+0 | BIO 321041 |
| 5. | Basic Immunology | 3+0+0 | BIO 321051 |
| 6. | Humanities and Social Sciences | 3+0+0 | HSS 320060 |
| 7. | Animal Physiology, Immunology Lab | 0+0+2 | BIO 322070 |
| 8. | Molecular Genetics Lab | 0+0+2 | BIO 322080 |
| 9. | Animal Biodiversity Lab | 0+0+2 | BIO 322090 |
| **Total Credit** | | **24** | |

Semester: VII

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | Animal Development Biology and Endocrinology | 3+0+0 | BIO 411011 |
| 2. | Biotechnology and Bioethics | 3+0+0 | BIO 411021 |
| 3. | Bioinformatics | 3+0+0 | BIO 411031 |
| 4. | Virology | 3+0+0 | BIO 411041 |
| 5. | Biophysical Chemistry | 3+0+0 | BIO 411051 |
| 6. | Developmental Biology Lab | 0+0+2 | BIO 412060 |
| 7. | Virology Lab | 0+0+2 | BIO 412070 |
| 8. | Bioinformatics Lab | 0+0+2 | BIO 412080 |
| **Total Credit** | | **21** | |

Semester: VIII

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | Advanced Cell Biology | 3+0+0 | BIO 421011 |
| 2. | Advanced Molecular Biology | 3+0+0 | BIO 421021 |
| 3. | Genomics/Proteomics/Metabolomics | 3+0+0 | BIO 421031 |
| 4. | Immunobiology/Immunogenetics | 3+0+0 | BIO 421041 |
| 5. | Nanobiotechnology | 3+0+0 | BIO 421051 |
| 6. | Cell and Molecular Biology Lab | 0+0+2 | BIO 422060 |
| 7. | Immunobiology lab | 0+0+2 | BIO 422070 |
| 8. | Nanobiotechnology Lab | 0+0+2 | BIO 422080 |
| **Total Credit** | | **21** | |

Semester: IX

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | Biophysics and Structure Biology | 3+0+0 | BIO 511011 |
| 2. | Biomembrane and Bioenergetics | 3+0+0 | BIO 511021 |
| 3. | Evolutionary Biology | 3+0+0 | BIO 511031 |
| 4. | Pathogen and diseases (Plants and Animal) | 3+0+0 | BIO 511041 |
| 5. | Applied Microbiology | 3+0+0 | BIO 511051 |
| 6. | Pathology Lab | 0+0+2 | BIO 512060 |
| 7. | Evolutionary Biology lab | 0+0+2 | BIO 512070 |
| 8. | Industrial Microbiology lab | 0+0+2 | BIO 512080 |
| **Total Credit** | | **21** | |

**Semester: X** (Student should select 3 theory courses and one project work)

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | Plant Biotechnology | 3+0+0 | BIO 526011 |
| 2. | Animal Biotechnology | 3+0+0 | BIO 526021 |
| 3. | Microbial Biotechnology | 3+0+0 | BIO 526031 |
| 4. | Cancer Biology and Therapeutics | 3+0+0 | BIO 526041 |
| 5. | Neurobiology | 3+0+0 | BIO 526051 |
| 6. | Ecology / Adaptationl Ecosystems | 3+0+0 | BIO 526061 |
| 7. | Systems biology | 3+0+0 | BIO 526071 |
| 8. | Proiect work(Dissertation) | 0+0+9 | BIO 524080 |
| 9. | Seminar | 0+0+2 | BIO 524090 |
| **Total Credit** | | **20** | |

**Five-Year Integrated Program in Mass Communication**

**SEMESTER –I CREDITS**

* 1. Introduction to Mass Communication 4
  2. Reporting: Principles and Practices 4
  3. Editing: Principles and Practices 4
  4. Communicative English 4
  5. Lab Journal\* 4

**SEMESTER –II**

2.1 Intellectual Background to Media Studies 4

2.2 Computer Applications & Basic Multimedia Skills 4

2.3 Photography Theory 4

2.4 Communication Skills 4

2.5 Photography Practical 4

2.6 Environment Science 3

**SEMESTER –III**

3.1 Theories of Communication 4

3.2 Press Laws 4

3.3 Writing for Media 4

3.4 History of Media 4

3.5 Lab Journal\* 4

**SEMESTER –IV**

4.1 Media Ethics & Society 4

4.2 Development Communication 4

4.3 Documentary Film Theory 4

4.4 Regional Language Media 4

4.5 Documentary Film Production (Practical) 4

**SEMESTER –V**

5.1 Advertising: Theory & Practice 4

5.2 Media Management 4

5.3 Public Relations: Theory & Practice 4

5.4 Rural Communication 4

5.5 Photo Journalism and Other Media 4

5.6 Radio News Broadcast 4

5.7 Models of Communication 4

Student will have to earn minimum 20 credits out of

which minimum 70% should be from the above electives.

**SEMESTER –VI**

6.1 Brand Management 4

6.2 New Media 4

6.3 Science and Technology Communication 4

6.4 Corporate Communication 4

6.5 Internship 10

**SEMESTER VII CREDITS**

* 1. Cinema Studies 4
  2. Radio Production Theory 4
  3. International Communication 4
  4. Advance Reporting and Writing 4
  5. Radio Production (Practical) 4

**SEMESTER VIII**

* 1. Indian Society, Polity and Economy 4
  2. Communication Research Methodology 4
  3. Graphics Techniques 4
  4. Television Production Theory 4
  5. Television Production Practical 4

**SEMESTER IX**

* 1. Dissertation- I 5
  2. Social and Political Thoughts 4
  3. Leading Cases on Media Law 4
  4. Lab Journal\* 4

**SEMESTER X**

* 1. Dissertation – II 5
  2. Communication Technologies 4
  3. Production Portfolio 4
  4. Internship 10

\***Lab Journal:** Every six months the Centre for Mass Communication brings out lab journal ***CUJian Age***. This journal is prepared only by the students. They contribute through write-ups, reporting, and editing and page layout with latest version of Quark Xpress. In this regard they will be awarded 4 credits in the semesters in which the lab journal has been mentioned

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**M.A. in Mass Communication**

**First Semester**

**Core Papers**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Paper** | **Credit** | **Marks** |
| 1.1 | Basics of Communication | 4 | 60+40=100 |
| 1.2 | History of Media | 4 | 60+40=100 |
| 1.3 | Writing for Media | 4 | 60+40=100 |
| 1.4 | Advertising & Public Relations | 4 | 60+40=100 |
| 1.5 | New Media | 4 | 60+40=100 |

**Second Semester**

**Core Papers**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No** | **Paper** | **Credit** | **Marks** |
| 2.1 | Communication Research | 4 | 60+40=100 |
| 2.2 | Reporting & Editing | 4 | 60+40=100 |
| 2.3 | Visual Communication | 4 | 60+40=100 |
| 2.4 | Media Laws & Ethics | 4 | 60+40=100 |
| 2.5 | Science and Technology Communication | 4 | 60+40=100 |

**Specializations:** Broadly Centre will offer three specializations i.e. Print Media, Electronic Media and Corporate Communication to the students during third and fourth semester. Each student will opt for only one specialization which will be taught in both the semesters.

**Third Semester**

**Core Papers**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Paper** | **Credit** | **Marks** |
| 3.1 | Cinema Studies | 4 | 60+40=100 |
| 3.2 | Communication Technology | 4 | 60+40=100 |
| 3.3 | Development Communication | 4 | 60+40=100 |
| 3.4 | Research Project –I | 4 | 60+20+20=100 |

**Specialized Papers**

**Print Media**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No** | **Paper** | **Credit** | **Marks** |
| 3.5 | Political Reporting | 4 | 60+40=100 |
| 3.6 | Editing and Layout Designing | 4 | 60+40=100 |

**Electronic Media**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Paper** | **Credit** | **Marks** |
| 3.5 | Television Production | 4 | 60+40=100 |
| 3.6 | Web Journalism | 4 | 60+40=100 |

**Corporate Communication**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Paper** | **Credit** | **Marks** |
| 3.5 | Business Communication | 4 | 60+40=100 |
| 3.6 | Integrated Marketing Communication | 4 | 60+40=100 |

**Fourth Semester**

**Core Papers**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Paper** | **Credit** | **Marks** |
| 4.1 | Media Management | 4 | 60+40=100 |
| 4.2 | International Communication | 4 | 60+40=100 |
| 4.3 | Major Production Project | 4 | 80+20=100 |
| 4.4 | Research Project-II | 4 | 60+20+20=100 |

**Specialized Papers**

**Print Media**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Paper** | **Credit** | **Marks** |
| 4.5 | Sports Journalism | 4 | 60+40=100 |
| 4.6 | Business Journalism | 4 | 60+40=100 |

**Electronic Media**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Paper** | **Credit** | **Marks** |
| 4.5 | Television Journalism & Documentary Production | 4 | 60+40=100 |
| 4.6 | Radio Production | 4 | 60+40=100 |

**Corporate Communication**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Paper** | **Credit** | **Marks** |
| 4.5 | Corporate Communication | 4 | 60+40=100 |
| 4.6 | Event Management | 4 | 60+40=100 |

Each student would undergo an internship of minimum four weeks in any media organization during summer break and submit a report along with certificate of internship in the Centre for the evaluation in the last semester. S/he will also have to face a viva-voce about the internship.

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Paper** | **Credit** | **Marks** |
| 4.7 | Industry Exposure/Internship | 4 | 80+20=100 |

**Ph.D. Course Works**

**Centre for Life Sciences**

|  |  |  |
| --- | --- | --- |
| Sl | **Paper Name** | **Code** |
| 1. | Research Methodologies (Core) | BIO 911010 |
| 2. | Science Communication (Core) | BIO 911020 |
| 3. | Life Sciences I (Core) | BIO 911030 |
| 4. | Life Sciences II (Core) | BIO 911040 |
| 5. | Bioinformatics (Core) | BIO 911050 |
| 6. | Introduction to cancer (Elective) | BIO 918060 |
| 7. | Molecular Neurobiology (Elective) | BIO 918070 |
| 8. | Molecular Plant Physiology (Elective) | BIO 918080 |
| 9. | Developmental Biology (Elective) | BIO 918090 |
| 10. | Microbiology and Biotechnology (Elective) | BIO 918100 |

**Centre for Applied Physics**

|  |  |  |
| --- | --- | --- |
| Sl | **Paper Name** | **Code** |
| 1. | Nanophotonics and Application | PHY 911010 |
| 2. | Research Methodology | PHY 911020 |
| 3. | Laser Physics and Nonlinear Optics | PHY 911030 |
| 4. | Nuclear Physics | PHY 911040 |
| 5. | Heavy Ion Collision Physics | PHY 911050 |
| 6. | Fibre Optics: Comm.& Inst. | PHY 911060 |

**Centre for Indigenous Culture Studies**

|  |  |  |
| --- | --- | --- |
| Sl | **Paper Name** | **Code** |
| 1. | Research Methodology | ICS 911010 |
| 2. | Indigenous and Traditional Knowledge System | ICS911020 |
| 3. | Endogenous Languages | ICS911030 |
| 4. | Computer Application and Statistical Analysis | ICS911040 |

**Centre for Human Rights & Conflict Management**

|  |  |  |
| --- | --- | --- |
| Sl | **Paper Name** | **Code** |
| 1. | Research methods in Social Science | HRC 911010 |
| 2. | Theory of human Rights | HRC 911020 |
| 3. | History and Development of Human Rights in India | HRC 911030 |
| 4. | Governance, Civil Society, and Human Rights movements in India | HRC 911040 |

**2. Teaching, Learning and Evaluation**

|  |  |  |
| --- | --- | --- |
| **Sl.No.** | **Particulars** | Details |
| 2.1 | Adherence to Academic Calendar | Most of the study programs are adhering to the Academic calendar except for the Centre for Education and few courses of study of Centre for Applied Mathematics due to shortage of expertise in the area of concern. |
| 2.2 | Number of Working days per semester | Odd Sem~120 days  Even Sem~93 days |
| 2.3 | Number of faculty members (Full-time/part-time/visiting etc.) | |  |  |  |  | | --- | --- | --- | --- | | Name of Centre | Number of faculty Members | | | | Full Time | Temp. | UGC FRP, DST Inspire etc | | Appl.Chem. | 6 | 0 | 2 | | Appl Maths | 4 | 3 | 0 | | Appl Phys. | 5 | 3 | 2 | | Business Admin | 5 | 3 | 0 | | Education | 0 | 14 | 0 | | Energy Engg | 5 | 0 | 0 | | English Studies | 3 | 4 | 0 | | Environmental Science | 4 | 3 | 1 | | Far East Lang | 6 | 5 | 0 | | Hum. Rights and Conf. Mgt. | 3 | 0 | 0 | | Hum and Soc Sci | 2 | 0 | 0 | | Ind. Cult.Stu. | 4 | 0 | 0 | | Int. Rel | 3 | 0 | 0 | | Land Res. Mgt. | 4 | 2 | 1 | | Life Sc. | 5 | 0 | 2 + 2 (DBT) | | Mass Comm | 5 | 0 | 0 | | Music and Performing Arts | 4 | 0 | 0 | | Nanotechnology | 3 | 3 | 0 | | Tribal and Cust. Law | 4 | 3 | 0 | | Tribal Folklore Language and Lit. | 5 | 0 | 0 | | Water Engg and Mgt. | 5 | 2 | 0 |   **Data as per session 2016-17** |
| 2.4 | Teacher-Student ratio | |  |  | | --- | --- | | Name of Centre | Teacher Student Ratio  (Not Including Ph.D. student) | | Education | 2 Yrs Course 20.8:1  B.Sc. B.Ed. 12.33:1  BA B.Ed. 7.2:1 | | Applied Maths | 67:1 | | Indigenous Cult.Study | 1.875:1 | | Land Res. Mgt. | 21.71 | | Nanotechnology | 28.5:1 | | Far East Lang | 9.45:1 | | Water Engg. and Mgt. | 24.57:1 | | Appl. Phys. | 34.3:1 | | Business Admin. | 20.625:1 | | Life Science | 14.66:1 | | Energy Engg. | 38:1 | | Human Rights and Conf. mgt | 1.66:1 | | English Studies | 13.42:1 | | Tribal and Customary Law | 2:1 | | Int. Relations | 10.42:1 | | Performing Arts | 7:1 | | Humanities and Social Science | NA | | Mass Communications | 13:1 | | Tribal Folklore language and Literature | 1:1 | | Environmental Science | 9.5:1 | |
| 2.5 | Cadre Ratio (Professor: Associate Professor: Assistant Professor) | Sanctioned: 0.25: 05:1 (Prof: Associate Prof: Asst. Prof.)  Working: 0.1: 0.11:1 Prof: Associate Prof: Asst. Prof.) |
| 2.6 | Retention percentages Cadre-wise | Percentage Retention (Prof.-81.82%, Associate Prof. 66%, Assistant Professor 86.59%) |
| 2.7 | Innovation by the faculty in teaching/learning | Faculty members sensitize students about the use of E book and other e resources including research articles to enrich their learning experience, furthermore interaction with outside university subject experts, seminar, industrial visits are also conducted. Students can take copy of Power point presentation, handouts for future use. Students are also encouraged to use online video lectures from Internationally renowned universities for their learning process. |
| 2.8 | Teaching-Learning with ICT support | Students are taught with the help of ICT tools like Power Point, smart class/ Models/ Recorded lecture video available on You-tube, etc. as per requirement or availability of infrastructure |
| 2.9 | Faculty development/continuing education programs | Faculties are Participating In Orientation/ Refresher/ Summer School/ Winter School/ Conferences/ Faculty Development Programs |
| 2.10 | Quality of Question papers and assignments | Question Papers are set as per instructions at School level; Moderation is done at centre level. Assignment quality is specified by respective faculties |
| 2.11 | Manual / Online Evaluation system | Manual |
| 2.12 | Absolute/Relative grading mechanism | Absolute Grading |
| 2.13 | Continuous assessment and weightages | As per University Ordinance OA-12  Three sessional exams/ semester (one sessional /month). Best 2 Sessional exam marks included for final result preparation. Weightage: 40% |
| 2.14 | Pass/Fail criteria | 40% in individual paper and 45% in total. In Ph.D. Coursework student must score 60% to be eligible for registration. |
| 2.15 | Examiners/Evaluators selection methodology | On the recommendation of School Board. |
| 2.16 | Proportion of Internal/External examiners | Theory paper: 100% Internal  Practical; One Internal and One External. (50%)  Dissertation/Project report: One Internal and One External |
| 2.17 | Awards of percentages criteria | As per University Ordinance OA-12  Valuation of theory papers  40% marks from Sessional  60% marks from end Semester Examination  In Practical/Viva/etc. 100% from end semester.  valuation of Project Report/Dissertation and Viva-voce  Periodical presentation-20%  Concise Dissertation-60 %  Viva-voce-20%  following is the conversion formula from SGPA/CGPA to percentage, as applicable in the university:  80+(CGPA-8.5)x10 >8.5  70+(CGPA-7.5)x10 >7.5 to 8.49  60+(CGPA-6.5)x10 >6.5 to 7.49  55+(CGPA-5.5)x10 >5.5 to 6.49  50+(CGPA-4.5)x10 >4.5 to 5.49  45+(CGPA-4.0)x10 >4.0 to 4.49  35+(CGPA-3.0)x10 >3.0 to 3.99  30+(CGPA-2.5)x10 >2.5 to 2.99  25+(CGPA-2.0)x10 > 2.0 to 2.49  15+(CGPA-1.0)x10 >1.0 to 1.99  0+(CGPA-0.5)x10 >0.0to 0.99  Applied Mathematics   |  |  |  | | --- | --- | --- | | Letter | Numerical Equivalent (Grade Points) | Range of % of Marks | | S | 10 | 90-100 | | A | 9 | 80-89 | | B | 8 | 70-79 | | C | 7 | 60-69 | | D | 6 | 50-59 | | E | 5 | 40-49 | | F | 0 | <40 |   For All Subjects except Applied Mathematics   |  |  |  | | --- | --- | --- | | Letter | Numerical Equivalent (Grade Points) | Range of % of Marks | | S | 10 | 85-100 | | A | 9 | 75-84 | | B | 8 | 65-74 | | C | 7 | 55-64 | | D | 6 | 50-54 | | E | 5 | 40-49 | | F | 0 | <40 | |
| 2.18 | Quality of Evaluation | Evaluated answer scripts are given to respective students, grievance if any are redressed by concerned faculty. Final tabulation of results are done after redressal of grievance if any. |
| 2.19 | Training of paper setters | Through Dean/Head of respective School and Centre |
| 2.20 | Teacher availability outside the class for interaction with the students | Apart from tutorial classes, students are interacted with the concern faculty after scheduled classes also. |
| 2.21 | Interactive classrooms; flow of information/knowledge both ways | Yes |
| 2.22 | Percentage content available online | The university has not developed any content but students can use study materials from NPTEL as well journal Ebooks from Inflibnet. |
| 2.23 | Robust system of Problem Based Learning | NA |
| 2.24 | Practical on actual hand experience basis/real experimentation | Participation in summer training program offered jointly by Indian academies of Sciences  Internship by Engineering and Technology students  Summer Internship by the students of centre for Business administration  Summer Internship by Students of Centre for Mass communication  Centre for Mass com students make documentaries which are shown and awarded at various film festivals across the nation.  Field Visits by Students of Indigenous Culture Studies, Human Rights and Conflict management.  Research Students participate in various training schools conducted by National and International agencies. |

**3. Research consultancy and Extension**

**3.1 Academic Research**

* Journal Publications, Conferences , Chapters in edited books, books edited and text/reference books authored by the faculty is provided below 3.1 (a),
* Ph.D. Research Scholars are actively engaged in research
* Students are encouraged to spend substantial amount of time in library, laboratories and online resources

**3.1 (a) Publications in Journals**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No** | **Faculty Name** | **Centre** | **Publications (Number of Papers)** | | **Chapters in Edited Books** |
| **Impact Factor** | **Non-Impact Factor** |
|  | Dr. J Tanti | Applied Mathematics | 2 | 0 | 0 |
|  | Dr. H Mahato | Applied Mathematics | 1 | 1 | 0 |
|  | Dr. J Kumar | Applied Mathematics | 0 | 2 | 0 |
|  | Dr. P K Parida | Applied Mathematics | 0 | 9 | 0 |
|  | Dr. Rabindranath Sarma | TFLL | 0 | 5 | 0 |
|  | Dr. M. Ramakrishnan | TFLL | 0 | 4 | 0 |
|  | Dr. T. Neishoning Koireng | TFLL | 1 | 1 | 0 |
|  | Dr. Walter Beck | TCL | 0 | 6 | 0 |
|  | Dr. Rashwet Shrinkal | TCL | 0 | 3 | 1 |
|  | Dr. Debendra Kumar Biswal | TCL | 0 | 9 | 7 |
|  | Dr. Dev Vrat Singh | Mass Comm. | 0 | 8 | 7 |
|  | Ms Rashmi Verma | Mass Comm. | 0 | 2 | 4 |
|  | Dr. Paramveer Singh | Mass Comm. | 6 | 6 | 0 |
|  | Dr. Sudharshan Yadav | Mass Comm. | 0 | 3 | 4 |
|  | Mr. Rajesh Kumar | Mass Comm. | 0 | 3 | 2 |
|  | Prof. A C Pandey | LRM | 3 | 14 | 0 |
|  | Dr. Amit Kumar | LRM | 0 | 7 | 0 |
|  | Dr. K. Lal | LRM | 0 | 1 | 0 |
|  | Dr. Kiran Jalem | LRM | 0 | 2 | 0 |
|  | Dr. Bikash R Parida | LRM | 0 | 1 | 0 |
|  | Dr. Bibhuti Bhusan Biswas | CIR | 0 | 3 | 5 |
|  | Dr. Aparna | CIR | 0 | 3 | 5 |
|  | Dr. Sujit K Choudhary | HSS | 0 | 8 | 3 |
|  | Dr. Sanhita Sucharita | HSS | 0 | 6 | 3 |
|  | Dr. Sucheta Sen Choudhary | ICS | 0 | 4 | 5 |
|  | Mr. Rajanikant Pandey | ICS | 0 | 3 | 5 |
|  | Dr. Seema Mamta Minz | ICS | 0 | 2 | 1 |
|  | Dr. Rabindranath Sarma | ICS | 0 | 1 | 1 |
|  | Dr. Roselima Kamei Pamei | ICS | 0 | 0 | 1 |
|  | Mr. G Kanato Chopy | ICS | 0 | 0 | 5 |
|  | Dr. Meenakshi Munda | ICS | 0 | 2 | 0 |
|  | Ms. Reena Bharati | ICS | 0 | 1 | 0 |
|  | Dr. Deepika Srivastava | CPA | 0 | 2 | 0 |
|  | Dr. Jaya Shahi | CPA | 0 | 8 | 0 |
|  | Ms. Arpana Raj | CFEL | 0 | 1 | 0 |
|  | Dr. Konchok Tashi | CFEL | 0 | 6 | 5 |
|  | Dr. Kalsang Wangmo | CFEL | 0 | 1 | 0 |
|  | Mr. Shashi Mishra | CFEL | 0 | 4 | 0 |
|  | Mr. Mukesh Jaiswal | CFEL | 0 | 1 | 2 |
|  | Mr. Sandeep Biswas | CFEL | 0 | 2 | 0 |
|  | Prof. AN Misra | CLS | 17 | 1 | 0 |
|  | Dr. Rajakishore Mishra | CLS | 12 | 1 | 0 |
|  | Dr. P. K. Sharma | CLS | 5 | 4 | 0 |
|  | Dr. A. Kumar | CLS | 0 | 2 | 0 |
|  | Dr. H. Firdaus | CLS | 1 | 0 | 0 |
|  | Dr. Pallavi Sharma | CLS | 3 | 1 | 0 |
|  | Dr. A K Panda | CLS | 29 | 2 | 0 |
|  | Dr. A K Sarkar | CBA | 0 | 5 | 4 |
|  | Dr. Nagapavan Chintalapati | CBA | 1 | 7 | 12 |
|  | Ms. Pragyan Pushpanjali | CBA | 0 | 0 | 4 |
|  | Dr. Nitesh Bhatia | CBA | 0 | 1 | 4 |
|  | Mr. Mahendra Singh | CBA | 0 | 9 | 0 |
|  | Prof. H P Singh | CWEM | 9 | 2 | 0 |
|  | Dr. Ajai Singh | CWEM | 3 | 2 | 0 |
|  | Dr. P K Parhi | CWEM | 6 | 2 | 0 |
|  | Dr. Birendra Bharati | CWEM | 3 | 0 | 0 |
|  | Dr.Pratibha Warwade | CWEM | 4 | 3 | 0 |
|  | Dr. G P Singh | CNT | 7 | 3 | 4 |
|  | Dr. A.S.Bhattacharyya | CNT | 11 | 4 | 0 |
|  | Dr. Lawrence Kumar | CNT | 10 | 2 | 0 |
|  | Dr. Manoj Kumar | CEVS | 20 | 10 | 2 |
|  | Dr. Bhaskar Singh | CEVS | 13 | 2 | 11 |
|  | Dr. Purabi Saikia | CEVS | 4 | 10 | 3 |
|  | Dr. Pragya Sourabh | CEVS | 1 | 1 | 0 |
|  | Dr. Kuldeep Bauddh | CEVS | 12 | 3 | 8 |
|  | Dr. Shreya Bhattacharji | CES | 0 | 7 | 7 |
|  | Dr. Ranjit Kumar | CES | 0 | 5 | 1 |
|  | Dr. Mayank Ranjan | CES | 0 | 10 | 0 |
|  | Dr. Avijit Ghosh | CAP | 11 | 1 | 0 |
|  | Dr. Dharmendra Singh | CAP | 1 | 2 | 0 |
|  | Dr. Vinnet Agotiya | CAP | 1 | 1 | 0 |
|  | Prof. S Medhekar | CAP | 8 | 0 | 0 |
|  | Prof. R. K. Dey | CAC | 4 | 0 | 0 |
|  | Dr.Arun Kumar Padhy | CAC | 1 | 0 | 0 |
|  | Dr.Biplab Kumar Kuila | CAC | 7 | 0 | 0 |
|  | Dr. Raj Bahadur Singh | CAC | 1 | 0 | 0 |
|  | Dr.Partha Ghosh | CAC | 2 | 0 | 0 |
|  | Dr.Soumen Day | CAC | 1 | 0 | 0 |
|  | Ms. ShipraSagar | CAC | 2 | 0 | 0 |
| **Total** | | | **223** | **248** | **126** |

3.1(b) Publications by Research Scholars

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S. No | Scholar Name | Centre | Publications (Number of Papers) | | Chapters in Edited Books |
| Impact Factor | Non-Impact Factor |
|  | Ram Chandra Oraon | TCL | 1 | 3 | 0 |
|  | Farhan Rahman | TCL | 0 | 2 | 1 |
|  | Eva JyotiLakra | TCL | 0 | 1 | 0 |
|  | Manoj Kumar | TCL | 0 | 3 | 0 |
|  | Meena Kumari | TCL | 0 | 2 | 0 |
|  | Neha Pandey | Mass Comm. | 0 | 0 | 1 |
| **Total** | | | **1** | **11** | **2** |

**3.1 (c) Books Published (20 Books)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No** | **Name of Faculty** | **Title of Book** | **Publisher** | **Year** |
| 1 | Dr. DevVrat Singh | Television Production | MCNUJMC, Bhopal | 2014 |
| 2 | Dr. DevVrat Singh | Media Manthan | Wisdom Publications, New Delhi | 2013 |
| 3 | Dr. DevVrat Singh | Indian Television: Content, Issues and Debate | Har-Anand Publications, New Delhi | 2012 |
| 4 | Dr. DevVrat Singh | Television Patrakarita- EkPrichaya | Natraj Publications, New Delhi | 2009 |
| 5 | Dr. DevVrat Singh | Bharatiya Electronic Media | Prabhat Prakashan | 2007 |
| 6 | Dr. Paramveer Singh | Video Production | Kalpna Prakashan | 2016 |
| 7 | Dr. Paramveer Singh | Radio Production | Kalpna Prakashan | 2017 |
| 8 | Dr. Paramveer Singh | Bhartiya Television ka Itihas | Educreation Publication, New Delhi | 2017 |
| 9 | Dr. Amrit Kumar | *Samachar Patron kiPrishthhSajja: Sidhant V Tachnique* | Swakshar Publication, New Delhi | 2017 |
| 10 | Dr. Sunil Deepak Ghodke | *MastanikaBajirao* | Educreation Publication, New Delhi | 2017 |
| 11 | Dr. Sujit Kumar Choudhary | *Education, NGOs and Social Capital: A Micro Study of Tribals* | Satyam Books, New Delhi | 2012 |
| 12 | Dr. Sanhita Sucharita | Agrarian Crises in Indian Farmers | Best Publishing House, New Delhi | 2017 |
| 13 | Dr. Sanhita Sucharita | Fiscal Policy Rule in India | Heritage Publisher April | 2016 |
| 14 | Dr. Sanhita Sucharita | FDI and Economic Growth | Rawat Publication | 2013 |
| 15 | Prof M C Behera | Amazing Arunachal Pradesh (Book) | New Delhi Aryan International | 2013 |
| 16 | Prof. M C Behera | Globlisation and Northest: Issues Betwixt and Between (Book) | Gauhati: DVS | 2013 |
| 17 | Dr. Manoj Kumar | Land surface and  micrometeorological  processes over trough | LAMBART Academic Publication | 2015 |
| 18 | Dr. Mayank Ranjan | A Critical Handbook of English Drama | Globus Press | 2014 |
| 19 | Dr. Mayank Ranjan | An Introduction to English Literature | Globus Press | 2014 |
| 20 | Dr. Mayank Ranjan | Theory and Practice of Socio- Linguistics | Globus Press | 2014 |

**3.1 (d) Books Edited (05)**

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No** | **Faculty Name** | **Title of the Book** | **Publisher and Year** |
| 1 | Dr. Taposh Ghoshal, Dr. A K Sarkar, Dr. Nitesh Bhatia, Ms. Pragyan PUshpanjali, Dr. Nagapavan Chintalapati, Mr. Mahendra Singh | The Next Leap - Exploring new paradigms of Business | Excel Publisher 2014 |
| 2 | Dr. Nagapavan Chintalapati | Management of Management Department A Road to Excellence | MTC Global 2013 |
| 3 | Dr. Nagapavan Chintalapati | Faculty Development in Management Education: Issues, Perspectives, Components and Challenges | MTC Global 2013 |
| 4 | Kuldeep Bauddh, Bhaskar Singh | Phytoremedition Potential of Bioenergy Plant | Springer Nature 2017 |
| 5 | Bhaskar Singh , Kuldeep Bauddh | Algae and Environmental Sustainability | Springer 2017 |

**3.1 (e) Conferences Attended (368 International and 422 National Conferences)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No** | **Name of Faculty / Scholar / Student / Staff** | **Centre** | **Number of International Conference(s)** | **Number of National Conference(s)** |
|  | Dr. J. Tanti | Applied Mathematics | 0 | 8 |
|  | Dr. P. K. Parida | Applied Mathematics | 3 | 5 |
|  | Dr. J. Kumar | Applied Mathematics | 0 | 4 |
|  | Dr. Rabindranath Sarma | TFLL | 3 | 9 |
|  | Mr. Sudhanshu Shekhar | TFLL | 2 | 6 |
|  | Dr. T.Neishoning Koireng | TFLL | 2 | 2 |
|  | Dr. Jisha C.K. | TFLL | 4 | 8 |
|  | Dr. M.Ramakrishnan | TFLL | 5 | 5 |
|  | Ms. Ria Mukherjee | TFLL | 1 | 8 |
|  | Mr. Manjit Mahanta | TFLL | 5 | 9 |
|  | Mr. Niraj Kumar | TFLL | 1 | 9 |
|  | Ms. Priyanak Kumari | TFLL | 1 | 5 |
|  | Dr Walter Beck | TCL | 5 | 6 |
|  | Rashwet Shrinkhal | TCL | 3 | 2 |
|  | Dr.Debendra Kumar Biswal | TCL | 8 | 16 |
|  | Ram Chandra Oraon | TCL | 1 | 2 |
|  | Farhan Rahman | TCL | 1 | 2 |
|  | Eva JyotiLakra | TCL | 1 | 4 |
|  | Manoj Kumar | TCL | 1 | 2 |
|  | MeenaKumari | TCL | 7 | 8 |
|  | ShaliniSaboo | TCL | 0 | 3 |
|  | Raushan Kumar | TCL | 1 | 3 |
|  | Dr. DevVrat Singh | Mass Comm. | 3 | 1 |
|  | Ms RashmiVerma | Mass Comm. | 2 | 4 |
|  | Dr. Paramveer Singh | Mass Comm. | 3 | 1 |
|  | Dr. SudarshanYadav | Mass Comm. | 0 | 3 |
|  | Mr. Rajesh Kumar | Mass Comm. | 1 | 2 |
|  | Dr. VinayBhushan | Mass Comm. | 0 | 1 |
|  | Prof. AC Pandey | LRM | 1 | 2 |
|  | Dr. Amit Kumar | LRM | 1 | 3 |
|  | Dr. K. Lal | LRM | 0 | 1 |
|  | Dr. Kiran Jalem | LRM | 0 | 5 |
|  | Dr. Bikash Parida | LRM | 1 | 0 |
|  | Mr. Tauseef Ahmed | LRM | 3 | 1 |
|  | Mr. Basir Ahmed KK | LRM | 1 | 1 |
|  | Mr. Gaurav Tripathy | LRM | 1 | 0 |
|  | Ms. Vinita Kumar | LRM | 2 | 0 |
|  | Mr. Satender Choudhary | LRM | 1 | 0 |
|  | Ms. Stuti | LRM | 1 | 0 |
|  | Saurabh Gupta | LRM | 2 | 0 |
|  | Dr. Ranvijay | CIR | 4 | 0 |
|  | Dr. Bibhuti Bhusan Biswas | CIR | 8 | 2 |
|  | Dr. Aparna | CIR | 3 | 9 |
|  | Dr. Sujit Kumar Choudhary | HSS | 6 | 23 |
|  | Dr.SanhitaSucharita | HSS | 2 | 4 |
|  | Dr. Ashok Nimesh | HRCM | 7 | 7 |
|  | Sucheta Sen Chaudhury | ICS | 01 | 22 |
|  | Rajanikant Pandey | ICS | 05 | 10 |
|  | Seema Mamta Minz | ICS | 04 | 07 |
|  | Tulsidas Majhi | ICS | 01 | 03 |
|  | Rabindranath Sarma (2011-13) | ICS | 08 | 08 |
|  | Roselima Kamei Pamei(2016-17) | ICS | 0 | 03 |
|  | Minakshi Munda(2014-15) | ICS | 01 | 01 |
|  | Reena Bharti(2016-17) | ICS | 01 | 03 |
|  | Kanato G Chophy(2013-16) | ICS | 03 | 01 |
|  | Prof. M C Behera (2012-13) | ICS | 04 | 0 |
|  | Dhritman Sharma (2010-11) | ICS | 0 | 02 |
|  | Dr. Deepika Srivastava | CPA | 3 | 5 |
|  | Dr.JayaShahi | CPA | 01 | 04 |
|  | Mr.ShakirTasnim | CPA | 02 | 05 |
|  | Mr.Venkata Naresh Burla | CPA | 06 | 04 |
|  | Ms. Arpana Raj | CFEL | 5 | 2 |
|  | Dr. Konchok Tashi | CFEL | 3 | 3 |
|  | Dr. Kalsang Wangmo | CFEL | 3 | 2 |
|  | Mr. Shashi Mishra | CFEL | 8 | 0 |
|  | Mr. Mukesh Jaiswal | CFEL | 5 | 1 |
|  | Mr. Sandeep Biswas | CFEL | 1 | 0 |
|  | Prof. A.N. Misra | CLS | 12 | 19 |
|  | Dr. R. Mishra | CLS | 09 | 03 |
|  | Dr. P.K. Sharma | CLS | 01 | 03 |
|  | Dr. Anil Kumar | CLS | 00 | 00 |
|  | Dr. Hena Firdaus | CLS | 04 | 04 |
|  | Dr. A.K. Panda | CLS | 01 | 00 |
|  | Dr. P. Sharma | CLS | 01 | 03 |
|  | Dr. V.K. Srivastava | CLS | 00 | 00 |
|  | Dr. Abhay K. Singh (Research Associate) | CLS | 04 | 00 |
|  | Mr. MD.EKHLAQUE AHMED KHAN (Research Scholar) | CLS | 03 | 02 |
|  | Mr. MANZAR ALAM (Research Scholar) | CLS | 03 | 00 |
|  | Ms. KIRAN KACHHAP (Research Scholar) | CLS | 02 | 01 |
|  | Mrs. ANISHA RUPASHREE (Research Scholar) | CLS | 01 | 01 |
|  | Mr. AMIT KUMAR GAUTAM (Research Scholar) | CLS | 03 | 01 |
|  | Mr. SHOVIT RANJAN (Research Scholar) | CLS | 04 | 01 |
|  | Mr. SATISH KUMAR (Research Scholar) | CLS | 01 | 02 |
|  | Ms. MADHAVI DUBEY (Research Scholar) | CLS | 03 | 02 |
|  | Mrs. SANJITA ABHIJITA (Research Scholar) | CLS | 02 | 01 |
|  | Mr. VIKRAM PAL GANDHI (Research Scholar) | CLS | 01 | 00 |
|  | Mr. KAMDEO KUMAR PRAMANIK (Research Scholar) | CLS | 04 | 00 |
|  | Ms. TANUSHREE (Research Scholar) | CLS | 04 | 00 |
|  | Ms. KUMARI PRAGATI NANDA (Research Scholar) | CLS | 01 | 02 |
|  | Ms. RAJANI SINGH (Research Scholar) | CLS | 01 | 02 |
|  | Ms MEGHA VAISHNAVI (Research Scholar) | CLS | 01 | 00 |
|  | Dr. A K Sarkar | CBA | 5 | 1 |
|  | Dr. Nagapavan Chintalapati | CBA | 9 | 8 |
|  | Dr. Nitesh Bhatia | CBA | 7 | 6 |
|  | Ms. Pragyan Pushpanjali | CBA | 2 | 2 |
|  | Mr Mahendra Singh | CBA | 6 | 5 |
|  | H.P. Singh | CWEM | 2 | 1 |
|  | Ajai Singh | CWEM | 0 | 13 |
|  | P.K. Parhi | CWEM | 4 | 1 |
|  | Birendra Bharti | CWEM | 0 | 0 |
|  | Pratibha Warwade | CWEM | 2 | 1 |
|  | Dr. G. P. Singh | CNT | 04 | 03 |
|  | Dr. A.S.Bhattacharyya | CNT | 03 | 02 |
|  | Dr. Lawrence Kumar | CNT | 4 | 1 |
|  | Dr. Bhaskar Singh | CEVS | 3 | 1 |
|  | Dr. Purabi Saikia | CEVS | 7 | 4 |
|  | Dr. Pragya Sourabh | CEVS | 0 | 2 |
|  | Dr. Kuldeep Bauddh | CEVS | 2 | 0 |
|  | Dr. Shreya Bhattacharji | CES | 18 | 10 |
|  | Dr. Ranjit Kumar | CES | 1 | 2 |
|  | Dr. Mayank Ranjan | CES | 2 | 1 |
|  | Kirankumar Natali (RS) | CES | 4 | 4 |
|  | Ibrahim Al Huri (RS) | CES | 2 | 4 |
|  | MD Humayun Sk (RS) | CES | 1 | 1 |
|  | Gargy Ganguly (RS) | CES | 1 | 0 |
|  | Neha Kumari (RS) | CES | 2 | 0 |
|  | Suraj Kumar Saw (RS) | CES | 1 | 2 |
|  | Poulomi Saha (RS) | CES | 1 | 0 |
|  | Annu Priya (RS) | CES | 0 | 1 |
|  | Devina Kumari (RS) | CES | 0 | 1 |
|  | Manu Bharti (RS) | CES | 0 | 1 |
|  | Khosbor Hoque (5th sem.) | CES | 2 | 0 |
|  | Shuvabrata Garai (5th sem.) | CES | 2 | 0 |
|  | Dipayan Mahato (5th sem.) | CES | 1 | 0 |
|  | Ashish Prasad Gupta (5th sem.) | CES | 1 | 0 |
|  | Dr. Avijit Ghosh | CAP | 8 | 4 |
|  | Dr. Dharmendra Singh | CAP | 1 | 1 |
|  | Dr. Vineet Agotiya | CAP | 0 | 2 |
|  | Prof. S. Medhekar | CAP | 1 | 4 |
|  | Dr.Arun Kumar Padhy | CAC | 8 | 0 |
|  | Dr.Biplab Kumar Kuila | CAC | 3 | 1 |
|  | Dr. Raj Bahadur Singh | CAC | 1 | 1 |
|  | Dr.Partha Ghosh | CAC | 1 | 0 |
|  | Dr.Soumen Day | CAC | 5 | 2 |
|  | Ms. ShipraSagar | CAC | 1 | 0 |
|  | MdShahid | CAC | 1 | 0 |
| **Total** | | | **368** | **422** |

**3.2 Sponsored Research**

Funds Received by CUJ under sponsored projects from different funding agencies like (INSPIRE, UGC – FRP, DST, DBT, UGC, ICSSR, etc):

1-April-2009 till 31st March 2016:Rs.9,19,57,225/-

(Nine Crores Nineteen Lacs Fifty Seven Thousand Two hundred Twenty Five Only)

1st April 2016 till 31st March 2017: Rs.3,27,84,013/-

(Three crores Twenty Seven Lacs Eight Four Lacs Thirteen Only)

1st April 2017 till November 2017: Rs.1,56,67,936/-

(One Crore Fifty Six Lacs Sixty Seven Thousand Nine Hundred Thirty Six Only)

**Summary of List of Projects:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No** | **Name of Faculty** | **Duration of Project** | **Funding Agency** | **Amount Sanctioned** | **Completed / ongoing** |
|  | Prof SK Tewari | 01 Year | MHRD | Actual Expenditure paid by Ministry | Completed |
|  | Prof SK Tewari | 01 Year | IASE Deemed University, Sardarsahar, Churu (Rajasthan) | 100000/- | Completed |
|  | Prof. AC Pandey | 3 | SAC-ISRO | 22.4 | Ongoing |
|  | Prof. AC Pandey | 3 | SAC-ISRO | 12 | Ongoing |
|  | Prof. AC Pandey | 3 | SAC-ISRO | 25.24 | Ongoing |
|  | Prof. AC Pandey | 3 | MOEF | 38 | Ongoing |
|  | Dr. Amit Kumar | 3 | SAC-ISRO | 11 | Ongoing |
|  | Dr. Amit Kumar | 3 | SAC-ISRO | 24.3 | Ongoing |
|  | Dr. Amit Kumar | 3 | DBT | 55.41 | Ongoing |
|  | Dr. Bikash Parida | 3 | SAC-ISRO | 24.03 |  |
|  | Dr. Bikash Parida | 3 | DST | 16.56 | Ongoing |
|  | Dr.SanhitaSucharita | 2 Years | ICSSR | 10 Lakh | Ongoing |
|  | Arpana Raj | Till publication of the translated work (around 2 years) | National Book Trust and Ministry of External Affairs, India |  | on going |
|  | Prof. A. N. Misra, PI | 3 yrs | UGC-MRP 2009-2012 | Rs.9.6 lakhs | Completed |
|  | Prof. A. N. Misra, PI | 3yrs | DBT (Orissa)-MRP 2010-2013 | Rs.4.5lakh | Completed |
|  | Dr. R. Mishra | 2013-16 | DBT, Govt of India. | 38.9 Lacs | Completed |
|  | Dr. A.K. Panda | 2014- | DST, Govt of India. | 21 Lacs | Ongoing |
|  | Dr. P. Sharma | 2017- | DST, Govt of India;  UGC, New Delhi. | 40.7 Lac | Ongoing |
|  | Departmental Support  (PI: Dean SNS  Co PIs: Dr P.K. Sharma, Dr. R. Mishra, Dr. A. Kumar, Dr. H. Firdaus)  Prof AN Misra (PI – 2014-17) | 2014-19 | DBT - BUILDER, Govt of India. | 443.1 Lacs | Ongoing |
|  | Dr. G. P. Singh | 03 | DST | 16.44 Lacs | Ongoing |
|  | Dr. A. S. Bhattacharyya | 03 | DST | 12.96 Lacs | Completed |
|  | Dr. A. S. Bhattacharyya jointly with Energy Engineering under GEET | 03 | MHRD | 1.5 Crores | Ongoing |
|  | Bhaskar Singh (PI) | 02 | UGC, Govt. Of India | 06.00 | Completed |
|  | Dr. Purabi Saikia (Co-PI) | 03 | SAC- Ahmedabad, GoI | 24.30 | Sanctioned |
|  | Dr. Purabi Saikia (Co-PI) | 04 | DBT-New Delhi, GoI | Total 212.26 (55.42 of CUJ) | Ongoing |
|  | Dr. Purabi Saikia (Co-PI) | 02 | SAC- Ahmedabad, GoI | 11.00 | Ongoing |
|  | Dr. Purabi Saikia (PI) | 03 | SERB-New Delhi, GoI | 29.36 | Ongoing |
|  | Dr. Purabi Saikia (PI) | 02 | UGC-New Delhi, GoI | 06.00 | Completed |
|  | Dr Manoj Kumar | 03 | SAC, Ahmedabad | 3.0 Lakhs released | Completed |
|  | Dr manoj Kumar | 03 | ISRO HQ | Instruments are being [supplied@60.0](mailto:supplied@60.0) Lakhs | On-going |
|  | Dr Manoj Kumar | 01 | SPL-VSSC Trivandrum | Conducted experiment during 25-29 July16 | Completed |
|  | Dr. Kuldeep Bauddh | 2 years | UGC | 6,00000 | Completed |
|  | Dr. Kuldeep Bauddh | 3 years | (SERB) | 23,95200 | Approved |
|  | Prof. S.K.Samdarshi  (PI and Coordinator)  Dr. Basudev Pradhan(PI)  Dr. Sachin Kumar(PI) | CGEET | MHRD, Govt. of India | 250.00 | Ongoing |
|  | Dr. Basudev Pradhan | 5 Years (2013-17) | SERB-DST | 87.40 | Ongoing |
|  | Dr. Basudev Pradhan | 3 years(2014-16) | UGC | 6.00 | Completed |
|  | Dr. Sachin Kumar | 3 years(2014-16) | UGC | 6.00 | Completed |
|  | Dr. Avijit Ghosh PI  Dr. Basudev Pradhan(Co-PI) | 3 years (2016-19) | DST-CERI | 99.64 | Ongoing |
|  | Prof Sarang Medhekar | 3 years | DST | 24.15 Lakhs | Completed |
|  | Prof.Ratan Kumar Dey |  | UGC | 12 lakh | Completed |
|  | Dr.SoumenDey |  | DST | 24.50 lakhs | Ongoing |
|  | Dr.Biplab Kumar Kuila |  | DST | 85 lakhs | Completed |
|  | Dr.Biplab Kumar Kuila |  | DST | 23 lakhs | Completed |
|  | Dr.Biplab Kumar Kuila |  | CSIR | 16 lakhs | Completed |
|  | Dr.Biplab Kumar Kuila |  | Alexander von Humboldt Foundation, Germany | EUR 17,600/ | Completed |
|  | Dr.Biplab Kumar Kuila |  | MHRD | 150 lakhs | Completed |
|  | Dr.Biplab Kumar Kuila |  | Indian Photon Factory in Japan, DST, India | 2 lakhs | Completed |
|  | Dr. Raj Bahadur Singh |  | DST | 23 lakhs | Ongoing |
|  | Dr.Partha Ghosh |  | UGC | 6.00 Lakh | Ongoing |
|  | Dr.Partha Ghosh |  | DST | 29.10 Lakh | Ongoing |
|  | Dr.SabyasachiBhunia |  | DST | 38.94Lakhs | Ongoing |

The detail financial report for the sponsored projects is enclosed as Annexure III

**3. 3 Consultancy / Training Programs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No** | **Centre** | **Name of Faculty** | **Organization Name** | **Value of Consultancy / Training Program (in Rupees)** | **Completed / ongoing** |
|  | TFLL | Dr. Rabindranath Sarma | Social Impact Assesment, Central University of Jharkhand | More than 50 lakhs during 2016-17 | Completed more than 10 projects. One is on-going. |
|  | TCL | Dr. Walter Beck and Dr.Debendra Kumar Biswal | CUJ, UNICEF and Ministry of Panchayat raj, Govt. of Jharkhand | 16 Lakhs | Completed |
|  | TCL | Dr. Rashwet Shrinkhal | Government of Jharkhand | 495907 | Report submitted |
|  | TCL | Dr. Rashwet Shrinkhal | Government of Jharkhand | 1239844 | Report submitted |
|  | TCL | Dr. Rashwet Shrinkhal | Government of Jharkhand | 13 lakh (approx.) | Report submitted |
|  | ICS | Dr. Seema Mamta Minz | Rio-Tinto, India | 1,00,000/- only | Completed |
|  | ICS | Dr. Seema Mamta Minz | Land Acquisition and Reform Department, Govt. of Jharkhand | 6,50,000/only | Completed |
|  | CLS | Prof. A. N. Misra | DST/FICCI CV Raman Fellowship for African Researchers (2) and visiting researcher | Local hospitality/ Fellowship:  2014 Prof. A A. Mohamed, & 2012 Dr. Hamdino Ahmed, Egypt.  2012 Otuechere, C. A., Nigeria. | Completed |
|  | CBA | Dr. Nitesh Bhatia (co-ordinator & one of resource person) | 7 day MDP on Research Methodology at Central University of Jharkhand,City Centre, from 11 th to 17 th Feb 2013 | 77000 | Completed |
|  | CBA | Ms. Pragyan Pushpanjali | Short Term Course on Managerial Skills |  | Completed |
|  | CBA | Prof. T Ghoshal | One day workshop on Research Paper Writing |  | Completed |
|  | CWEM | Dr. Ajai Singh | *Govt. of Jharkhand* | *20.86 lakh* | Completed |
|  | CWEM | Dr. Ajai Singh | *Govt. of Jharkhand* | *39.55 lakh* | Completed |
|  | CWEM | Dr.P K Parhi | *Drinking Water and Sanitation. Govt of Jharkhand.* | *20.17 lakhs* | Completed |
|  | CWEM | Dr. P K Parhi | *Social Impact Assessment of various Projects under the Government of Jharkhand* | *70.64 lakhs* | Completed |

**3.4 Faculty and Students Participation**

Student’s participation in research, consultancy and extension is in the areas of academic research, sponsored research, conferences organized and paper presentations in conferences.

Majority of the faculty of the university have published research papers, attended conferences, and organized conferences. Sponsored research is undertaken by select faculties and the list is given above in 3.2. Few faculties have undertaken consultancy and collaborated with external agencies and details are given in 3.3 and 3.5.

**3.5 Collaborative Initiatives**

University faculties have collaborated with external agencies for training and consultancy assignments (Details in3.3). The details of Collaborations with various organizations and bodies are here below mentioned (30 collaborations and 43 conferences):

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S. No | Centre | Name of Collaborator | Duration | Type of Collaboration | Measurable results (if any) |
| 1 | Dr. Walter Beck | UNICEF and Ministry of Panchayat Raj, Govt. of Jharkhand | 2014-2016 | CPWCDS in collaboration with CUJ, UNICEF and Ministry of Panchayat raj, Govt. of Jharkhand | Completed |
| 2 | Dr.Debendra Kumar Biswal | UNICEF and Ministry of Panchayat Raj, Govt. of Jharkhand | 2014-2016 | CPWCDS in collaboration with CUJ, UNICEF and Ministry of Panchayat raj, Govt. of Jharkhand | Completed |
| 3 | Centre for Mass Communication | UNICEF Jharkhand | Since 2016 | Training and Developmental Activities | * 01 Three-Day Residential Photography Workshop * 01 Think-Tank Meeting * 03 Photo Walks * 01 Adolescent Street Theatre Workshop * 05 Radio Programme Recording * 01 Special Lecture on Child Right in Jharkhand |
| 4 | CLRM | Columbia Water Centre, Columbia University, New York | 2 | International |  |
| 5 | CLS | Fulbright Foundation | 3 weeks  (2013) | Academic administration | Interacted with 15 USA univ. administrators. |
| 6 | CLS | CAS-Inst. of Microbiology, Trebon, Czech Rep.. | 2 month  (2013) | Research/ International | Published 1 paper/ Reciprocal visit of the Director of CAS-Inst to CUJ |
| 7 | CLS | DST - Indo-Ukrain Co-op. in S&T | 1 month (2012) | Research/ International | Worked in a project on bio-electronics/ bio-sensors at NAS, Kiev. |
| 8 | CLS | DST - Indo-Bulgaria Co-op. in S&T 2007-11.. | Exchange visits | Research/ International | Worked in a project on biosensors at BAS, Sofia. |
| 9 | CLS | Prof. S. Nagini  of Annamalai University, Tamil Nadu, India. | 2012-2017 | Research  (One Research Project Funded from DBT, Govt of India; Prof S Nagini- CoPI) | Many High Impact Research Publications |
| 10 | CBA | Dr. Nitesh Bhatia along with Dr. Sudeep (Olin Business School, University of Washington), Dr. T.Dutta (IIM-Ranchi) | Since 03 September 2014 – ongoing | Academic Colloboration, to carry out an work on “Role of individual differences in negotiation. (Fund Sponsored by IIM-R &Equipment by UOW) | Final Data Analysis (videos) going on |
| 11 | CBA (Dr. Nitesh Bhatia) | UGC – HRDC, Ranchi University | From 2012 | Resource Person for Training Programs |  |
| 12 | CBA (Dr. Nitesh Bhatia) | VIT Business School, Vellore | 2016 | Resource Person for Training Programs |  |
| 13 | CBA (Dr. Nitesh Bhatia) | Judicial Academy, Jharkhand | From 2016 | Resource Person for Training Programs |  |
| 14 | CBA (Dr. Nitesh Bhatia) | ISM Dhanbad | 2014 | Resource Person for Training Programs |  |
| 15 | CBA (Dr. Nitesh Bhatia) | IICM, Ranchi | From 2014 | Resource Person for Training Programs |  |
| 16 | CBA (Dr. Nitesh Bhatia) | RDCIS, SAIL, Ranchi | 2014 | Resource Person for Training Programs |  |
| 17 | CBA (Dr. Nitesh Bhatia) | Amity University Ranchi | 2016-17 | Resource Person for Training Programs |  |
| 18 | CBA (Ms. Pragyan Pushpanjali) | Judicial Academy, Jharkhand | From 2011 | Resource Person for Training Programs |  |
| 19 | CBA (Ms. Pragyan Pushpanjali) | SKIPA | From 2011 | Resource Person for Training Programs |  |
| 20 | CBA (Ms. Pragyan Pushpanjali) | UGC – ASC, Ranchi University | From 2011 | Resource Person for Training Programs |  |
| 21 | CBA (Ms. Pragyan Pushpanjali) | Judicial Academy, Jharkhand | From 2011 | Resource Person for Training Programs |  |
| 22 | CBA (Ms. Pragyan Pushpanjali) | RDCIS, SAIL | From 2014 | Resource Person for Training Programs |  |
| 23 | CBA (Ms. Pragyan Pushpanjali) | IICM, Ranchi | From 2011 | Resource Person for Training Programs |  |
| 24 | CBA (Ms. Pragyan Pushpanjali) | IIAB, Ranchi | From 2011 | Resource Person for Training Programs |  |
| 25 | CAP | Inter University Accelerator Centre (IUAC), New Delhi |  |  |  |
| 26 | CAP | AMU, Aligarh |  |  |  |
| 27 | CAP | UGC-DAE,CSR Kolkata |  |  |  |
| 28 | CAP | Tata Institute of Fundamental Research (TIFR) |  |  |  |
| 29 | CAP | Bhabha Atomic Research Centre (BARC), Mumbai |  |  |  |
| 30 | CAP | Department of Physics, IIT Gandhi Nagar |  |  |  |
| **The collaboration for conferences organized is provided below:** | | | | | |
| S. No | Centre | Name of Conference | Year | Funding Agency | Amount Funded |
|  | Applied Mathematics | Instructional School-2013 | 2013 | NBHM, DAE | Rs 5. Lacs |
|  | Applied Mathematics | National Seminar | 2014 | JSMS & CUJ |  |
|  | TFLL | Akhra 2013 | 2013 | Tata Steel | 5,00,000/- |
|  | TFLL | Winter School of International Folkloristics | 2014 | University of Tartu and CUJ |  |
|  | TFLL | Seminar on the Language and Culture of Sangam Age | 2014 | CICT (MHRD) | 3,00,000/- |
|  | TFLL | Academic Seminar during Samvaad 2015 | 2015 | Tata Steel |  |
|  | TFLL | Mother Language Day | 2015 | CUJ |  |
|  | TFLL | National Seminar on Life and works of Ram Dayal Munda | 2016 | Rumbol and Tata Steel |  |
|  | TFLL | ICSSR Workshop on Research Methodology | 2016 | ICSSR |  |
|  | TFLL | International Seminar on Endangered and Lesser known Languages | 2016 | CIIL (Mysore), Microsoft |  |
|  | TFLL | International Workshop on Endangered and Lesser known Languages | 2016 | CIIL (Mysore), Microsoft |  |
|  | IR | National Seminar on Decentralized Governance and Changing Paradox of Development in Rural Areas | September 11-12, 2013. | ICSSR |  |
|  | IR | National Seminar on India’s Soft Power and Cultural Diplomacy, | 2016 | CUJ, MAKAIAS | Rs. 4,60,000/- |
|  | IR | International Seminar on Internal Changes in South Asia: Challenges and Opportunities | 2017 | ICWA, CUJ | Rs. 5,00,000/- |
|  | ICS | National Workshop on “Recent Trends in Culture Studies” | 22nd to 23rd November, 2010 | Central University Of Jharkhand |  |
|  | ICS | International Conference on “Tradition, Identity and Diversity: the Future of Indigenous Culture in a Globalized World” | 1st to 2nd February, 2011 | Central University Of Jharkhand |  |
|  | ICS | National Seminar on Indigenous Cultures and Dances of Jharkhand’ | 25-27th August 2011 | National Folklore Support Centre, Chennai |  |
|  | ICS | 35th Session of Indian Folklore Congress Indian Folklore Congress | 12-14th December 2011 | Indian Folklore Congress | 5 lakh |
|  | ICS | National seminar and Akhra: Tribal India International Festival, Indigenous Environmental Philosophy in the Global Era” | 8-10th November 2012 | ICSSR | 2 lakh |
|  | ICS | Workshop Reviving Storytelling | 12-17th March 2012 |  |  |
|  | ICS | Workshop on TATA Fellowship with NFSC, Chennai | 25-30 November 2012 |  | 1 lakh |
|  | ICS | Indigenous Painting Appreciation Workshop International Day of World’s Indigenous People | 12th August 2013 | Central University Of Jharkhand |  |
|  | ICS | Indigenous Painting Appreciation Workshop International Day of World’s Indigenous People | 9th August 2014 | Central University Of Jharkhand |  |
|  | ICS | National Seminar on “International Day of World’s Indigenous People in 21st century” | 8th August 2015 | Department of Welfare, Government of Jharkhand | **1,00,000/- only** |
|  | ICS | Ten Days Workshop on Research Methodology | 18-27th August 2015 | ICSSR | 4,90,000/- only |
|  | ICS | Felicitation of Shree Simon Oraon and his Popular Talk Natural Resource conservation | 4th September 2015 | Central University Of Jharkhand |  |
|  | ICS | Ten Day Workshop on Documentary Film Making | 11th -20th April 2016 | Central University Of Jharkhand |  |
|  | ICS | Jharkhand Painting Workshop and Celebration of International Day of World’s Indigenous People | 9th August 2016 | Central University Of Jharkhand |  |
|  | ICS | One day Seminar on Indigenous Heroes of Jharkhand and International Day of World’s Indigenous People | 9th August 2017 | Central University of Jharkhand |  |
|  | CPA | Cultural Creative Expressions, Performing Arts | 2015 | CISDR |  |
|  | CFEL and CES | Voice from the Margin: Society, Culture and Exclusion | 2013 | Indian Council of Social Science Research (ICSSR) & Central University of Jharkhand (CUJ) | Rs. 5 Lac from ICSSR &Rs. 5 Lac from CUJ |
|  | CLS | 1st International Conference on Human Implications of Biotechnology at CUB, 2016 on 12th-14th February, Patna, India. | 2016 | Central University of Jharkhand (CUJ) | - |
|  | CLS | International Symposium on “Advances in Cancer Research: Drug Discovery to Delivery”. This was jointly organized by Central University of Jharkhand (CUJ) and Carcinogenesis Society, USA at on Nov19. 2013 at CUJ, Ranchi, India. | 2013 | Central University of Jharkhand (CUJ) and Carcinogenesis Society, USA | - |
|  | CBA | The Next Leap | 2014 |  |  |
|  | CWEM | *National Conference on Water and Sustainable Development* | *2016* | *CUJ, MoES, NABAD, PHD Chamber of Commerce* | *3.8 lacs* |
|  | CES | Text, Culture and Performance: Postcolonial Issues | 2012 | Indian Association for Commonwealth Literature and Language Studies & CUJ |  |
|  | CES | Embittered History: Post-memory of Partition | 2013 | CUJ |  |
|  | CES | A series of Special Lectures | 2015 | CUJ |  |
|  | CAP | Demo show/ stage show of physics experiments for undergraduate and Post graduate students of Prof. M. S. Marwaha, Retd. Principal, Sri Guru Gobind Singh College, Chandigarh to explain the importance of Hands-on activities in teaching and learning Physics concepts. Was arranged on 5th April 2016 in the University Auditorium. | 2106 | University | ---- |
|  | CAP | National Conference on Nuclear and Radiation Physics (NCNAP-2016) during 4-6, Oct. 2016 in the University Campus | 2016 |  |  |
|  | CAP | Arranged Observance of Vigilance Awareness Week 2016 from 31st October to 5th November 2016 | 2016 |  |  |
|  | CAP | National Workshop on Radiation during February 13-15, 2013 at Central University of Jharkhand, Brambe, Ranchi | 2013 |  |  |
|  | CAP | IUAC Acquaintance Programme at CUJ, Ranchi, Jharkhand (November 23, 2012) | 2012 |  |  |

**3.6 joint Projects, Joint Papers, and Joint consultancy**

Yes, the University encourages the faculties to undertake joint projects, joint papers and joint consultancy. Accordingly faculty members are engaged in that.

**3.7 Research Awards and Recognition (30)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **S. No** | **Centre** | **Name of Faculty** | **Recognition / Award** | **Awarding Agency** | **Year of Award/ Recognition** | **Monetary Value (if any)** |
| 1 | TFLL | Dr. M.Ramakrishnan | Research Award | UGC | 2016 | Salary + 2 lakh Research Grant |
| 2 | LRM | Amit Kumar | Recipient of international travel grant | SERB, DST | 2017 |  |
| 3 | LRM | Bikash Parida | Young Scientist | SERB YSS | 2016 | 16.56 |
| 4 | LRM | Bikash Parida | UGC-FRP | UGC | 2016 |  |
| 5 | HSS | Dr. Sujit Kumar Choudhary | 2 Years | UGC | 2 Years full salary+2 Lakh Research Grants | Ongoing |
| 6 | HSS | Dr. Sujit Kumar Choudhary | Bharat Vikas Award | Institute of Self Reliance, Bhubaneswar | 2017 |  |
| 7 | HSS | Dr. Sujit Kumar Choudhary | Jewel of India Award | *International Institute of Education and Management* at New Delhi | 2016 |  |
| 8 | HSS | Dr. Sujit Kumar Choudhary | Shiksha Rattan Puruskar | *India International Friendship Society* at New Delhi | 2012 |  |
| 9 | ICS | Rajanikant Pandey | First Prize for best paper presentation | Department of Anthropology Delhi University | 2016 | None |
| 10 | CLS | Dr. R Mishra | Chairperson of a Symposium:  on Innovations in Cancer Treatment and Research on 21st Feb. 2015 at Jaipur, Rajasthan, India | The 34th Convention of IACR | 2015 |  |
| 11 | CLS | Dr. R Mishra | Chairperson of a Session: Environmental Mutagenesis, Carcinogenesis and Health and 40th Annual Meeting of EMSI from February 17-19, 2016 (ICEMCH2016) Amritsar, Punjab, India | ICEMCH  2016 | 2016 |  |
| 12 | CLS | Dr. R Mishra | Co-chairperson of a Session: International Conference, Cancer Screening & Diagnosis Radiation, Surgical and Medical oncology and Anti-Cancer Drug Discovery & Therapy at World Congress on Cancer Research & Therapy on Nov 21-23, 2016 at Miami, Florida, USA | World Congress on Cancer Research & Therapy on Nov 21-23, 2016 at Miami, Florida, USA | 2016 |  |
| 13 | CBA | Dr. Nitesh Bhatia | Best Paper Award – National Seminar on Cyber Security: emerging Trends | The ICFAI University, Jharkhand | 2017 | Nil |
| 14 | CNT | Dr. G. P. Singh | BOYSCAST | DST | 2011 |  |
| 15 | CNT | Dr. G. P. Singh | Fast Track Young Scientist | DST | 2011 |  |
| 15 | CEVS | Dr. Purabi Saikia | Member of IUCN-Commission on Ecosystem Management (CEM) for the session 2017-2020 | International Union for Conservation of Nature | September 2017 | - |
| 17 | CEVS | Dr. Purabi Saikia | Life Member of Indian Society for Geomatics | ISRO, India | January 2017 | - |
| 18 | CEVS | Dr. Purabi Saikia | Editorial Board Member, Current Trends in Forests Research | Gavin Publishers, USA | August 2017 | - |
| 19 | CEVS | Dr. Purabi Saikia | International Travel Support Scheme | SERB-New Delhi, GoI | September 2017 | INR 55000/- |
| 20 | CEVS | Dr. Purabi Saikia | Ecologist of the Year 2017 | Scientific and Environment Research Institute, Kolkata | June 2017 | - |
| 21 | CEVS | Dr. Purabi Saikia | Young Scientists of the Year 2016 | International Foundation for Environment and Ecology, Kolkata | March 2017 | - |
| 22 | CEVS | Dr. Purabi Saikia | Start Up Research Grant (Young Scientist) | SERB-New Delhi, GoI | January 2016 | - |
| 23 | CEVS | Dr. Purabi Saikia | UGC-BSR Research Start-Up-Grant for newly recruited faculty at Assistant Professors level in Science Departments | UGC-New Delhi, GoI | July 2014 | - |
| 24 | CEVS | Dr. Purabi Saikia | International Travel Support Scheme | SERB-New Delhi, GoI | September 2013 | INR 41000/- |
| 25 | CEE | Dr. Basudev Pradhan | Alexander von Humboldt Research fellowship, |  | 2010-2012 |  |
| 26 | CEE | Dr. Basudev Pradhan | Bhaskara Advanced Solar Energy Fellowship-2018 |  | 2018 |  |
| 27 | CEE | Dr. Basudev Pradhan | Ramanujan Fellowship (2012-2017) |  | 2012-2017 |  |
| 28 | CEE | Dr. Basudev Pradhan | Fast Track research grant for Young Scientists, | SERC | 2013-2016 |  |
| 29 | CAP | Dr. Avijit Ghosh | Erasmus Mundus LEADERS scholarship on Post-Doctorate level | European Union | 2017 |  |
| 30 | CAP | Prof Sarang Medhekar | Vice-President of Indian Association of Physics Teachers (IAPT), Rc20 for the term 1Jan.2016 to 31 Dec. 2018. | Indian Association of Physics Teachers (IAPT), | 2016 |  |

**3.8 Intellectual Property Rights (Patents / Copyright / Trademarks, etc) (02)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No** | **Name of Faculty** | **Nature of IPR**  **(Patent)** | **Date of approved** | **Remarks** |
| 1 | Dr. G. P. Singh, Process for High Yield production of Graphene via detonation of Carbon containing materials | Patent(US Patent No.: US 9440857B2) | September 13, 2016 |  |
| 2 | Prof Sarang Medhekar | 4) Extraction of one beam from a mixture of two coaxially co-propagating mutually incoherent beams of same frequency, Extraction of Data Bits loaded on one coherent beam mixed with the Data Bits loaded on another coherent beam of same frequency and Coherence Division Multiplexing (CDM): Application pending | Date of grant 2.6.2014. | (Patent No.261064) |

**3.9 Publication Metrics (Quality Publications in refereed Journals: H-index, impact factor etc.)**

**(14120 citations and Max.H index: 23 and Max.I10 index : 47)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No** | **Name of Faculty / Scholar / Student / Staff** | **Centre** | **Total Citations** | **H-index** | **I10 index** |
|  | Dr. J. Tanti | Applied Mathematics | 3 | 1 | 0 |
|  | Dr. P. K. Parida | Applied Mathematics | 137 | 6 | 5 |
|  | Dr. J. Kumar | Applied Mathematics | 29 | 3 | 1 |
|  | Prof. AC Pandey | LRM | 485 | 13 | 19 |
|  | Dr. Amit Kumar | LRM | 73 | 5 | 3 |
|  | Dr. Bikash Parida | LRM | 331 | 7 | 7 |
|  | Dr. Sujit Kumar Choudhary | HSS | 21 | 1 | 1 |
|  | Prof. A.N. Misra | CLS | 1667 | 23 | 43 |
|  | Dr. Rajakishore Mishra | CLS | 702 | 14 | 16 |
|  | Dr. P.K. Sharma | CLS | 401 | 11 | 11 |
|  | Dr. Anil Kumar | CLS | 29 | 2 | 2 |
|  | Dr. Hena Firdaus | CLS | 2 | 01 | - |
|  | Dr. A.K. Panda | CLS | 388 | 11 | 15 |
|  | Dr. Pallavi Sharma | CLS | 3347 | 12 | 12 |
|  | Dr. V.K. Srivastav | CLS | 41 | 04 | 02 |
|  | Dr. Nagapavan Chintalapati | CBA | 11 | 3 | 0 |
|  | H.P. Singh | CWEM | 1746 | 18 | 47 |
|  | Ajai Singh | CWEM | 278 | 7 | 6 |
|  | P.K. Parhi | CWEM | 52 | 5 | 2 |
|  | Birendra Bharti | CWEM | 71 | 1 | 1 |
|  | Pratibha Warwade | CWEM | 5 | 1 | 0 |
|  | Dr. G. P. Singh | CNT | 231 | 7 | 6 |
|  | A.S.Bhattacharyya | CNT | 183 | 8 | 5 |
|  | Dr. Lawrence Kumar | CNT | 320 | 10 | 10 |
|  | Dr. Bhaskar Singh | CEVS | 2108 | 18 | 19 |
|  | Dr. Purabi Saikia | CEVS | 102 | 6 | 5 |
|  | Dr. Manoj Kumar | CEVS | 173 | 7 | 0 |
|  | Dr. Kuldeep Bauddh | CEVS | 428 | 11 | 13 |
|  | Dr. Avijit Ghosh | CAP | 155 | 6 | 6 |
|  | Prof. S. Medhekar | CAP | 400 | 12 | 13 |
|  | Dr. A. K. Singh (Research Associate) | CLS | 155 | 05 | 04 |
|  | Mr. E. A. Khan (Research Scholar) | CLS | 20 | 1 | 0 |
|  | Ms K. Kachhap (Research Scholar) | CLS | 7 | 1 | 0 |
|  | Mr. K.K. Pramanik (Research Scholar) | CLS | 5 | 2 | 0 |
|  | Mr. Manzar Alam (Research Scholar) | CLS | 5 | 2 | 0 |
|  | Ms Tanushree (Research Scholar) | CLS | 5 | 2 | 0 |
|  | Mr Vikrampal Gandhi (Research Scholar) | CLS | 4 | 1 | 0 |
| **Total** | | | **14120** |  |  |

**Annexure III**







**Details year – wise available in Finance Cell**

**4. Infrastructure and Learning Resources**

|  |  |  |
| --- | --- | --- |
| **Sl. No.** | **Particulars** | **Details** |
| 4.1 | Classrooms, Tutorials and Laboratories (if applicable) | Faculty Rooms +R.S Room: 40  Classrooms: 69  Laboratory: 24 |
| 4.2 | Computer Centre/Labs | Computer Lab : 04  CAM: One (Central) General Computer  Lab with 30 capacity  CMC: Computer Lab with sitting capacity of thirty students, Total number of desktops-38.Centre is equipped with basic media production facilities.  CLRM: One with 20 computers  CWEM: One with 10 computers  Language Lab : 02 ( English & Chinese) |
| 4.3 | Library | Central Library  (Details in annexure IV) |
| 4.4 | Seminar halls / Auditorium | Centralized Auditorium with 400 seating capacity with :   * Centralized A.C * Audio- Visual Aid * Stage Lighting * Power Back-up (D.G) |
| 4.5 | ICT supported Infrastructure | Wi-Fi Campus  10 Smart Classrooms  19 projectors ( 2 under repair)  Photocopier: 08 (One with each school)  Sound System with CTCL & CMPA |
| 4.6 | Research Infrastructure; Research intensive labs | Total 24 Laboratory Space  CMC: Media Lab  (Handycams, DSLR Camera, Audio-visual system, public address System)  CAP: 03   * Optics/ Mechanics * Electronics * Electrical   CAC: 05   * Infrared Spectro-photometer * UV Visual Spectro-photometer * Electro-chemical Workstation * Gel permeable Chromatogram   CLS: 05 Lab & 1 Central Instrument Room   * UV Visual Spectro-photometer * Florescence Spectro-photometer * ELISA reader * Florescent Microscope * Inverted Microscope * PCR & real time PCR * Gel Documentation system * 2-D System * Molecular biology grade water purification system * Bio-safety cabinets * Microbial Incubator * Deep & Ultra Freezers   CEL : Language Lab  CFEL: 01 Chinese Language Lab  CNT & CEE:  Centre for Excellence in Green Energy and Efficient Technology has been established jointly with the Centre for Energy Engineering which includes some research staff and instruments like XRD, UV, PL and AFM.  CTFLL: Handycam & Still Camera  CWEM : 06   * Irrigation & Fluid Mechanics * Surveying Lab * Engineering Mechanics Lab * Engineering Material & Transportation Lab * Geology Lab * Geo-Tech Lab   CLRM:  01 Ao size Plotter, 01 Ao size Scanner, 01 A3 Printer, 01 DGPS and 5 GPS    CEVS:  01 Kjeldhal Appartus, 01FlamePhotometer  01 Spectrophotometer, 02 Muffel furnace, Plant Canopy Analyzer, Sun Photometer, Upper Air profiling system including Satellite GPS receiver, , Centrifuge, etc. |

**Annexure IV: University Library Details**

Till: 10.01.2018

**Total Number of Electronic Journals (INFLIBNET)**  : **7509**

**Total Number of Electronic Journals (Open Source Journals)**  : **6744**

**Total Number of Print Journals : 17**

Right to Information Reporter Current Science

Harvard Business Review Pramana

Journal of Astrophysics & Astronomy Proceedings (Mathematical Sciences)

Journal of Earth System Science Bulletin of Materials Science

Journal of Chemical Sciences Sadhana (Engineering Science)

Journal of Genetics Journal of Biosciences

Resonance (Journal of Science Education) Leaders Speak

Journal of Communication Media Watch Communication Today

Mass Communicator

**Total Number of Books : 21029**

**Total Number of News Paper : 11**

Dainik Bhaskar (Hindi) Dainik Jagran (Hindi)

Hindustan (Hindi) Hindustan Times (English)

The Telegraph (English) The Hindu (English)

Business Line (English) Employment News (English)

The Times of India (English) The Economic Times (English)

The India Express (English)

**Total Number of Magazines : 18**

Biology Today Business Today

Chemistry Today Competition Success Review

Digit Electronics for You

Frontline India Today

Kurukshetra Outlook

Physics for you Pratiyogita Darpan

Readers Digest Science Reporter

Tell Me Why The Week

Wisdom Yojana

**Number of Registered User**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. N.** | **Year** | **Students** | **Researcher** | **Faculties & Staffs** |
| 1 | 2013 | 1440 | 46 | 218 |
| 2 | 2014 | 1693 | 57 | 218 |
| 3 | 2015 | 1965 | 91 | 218 |
| 4 | 2016 | 2273 | 109 | 218 |
| 5 | 2017 | 2069 | 113 | 218 |

**Purchase of Books and Print Journals in University Library yearly basis:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sr. N.** | **Year** | **No. of Books** | **Amount in Rs.** | **Amount on Journals** | **Total Amount** |
| 1 | 2012-2013 | 3043 | 48,51,132 | 63,450 | 49,14,582 |
| 2 | 2013-2014 | 1898 | 40,55,930 | 50,050 | 41,05,980 |
| 3 | 2014-2015 | 207 | 6,85,660 | ------- | 6,85,660 |
| 4 | 2015-2016 | 1274 | 6,81,595 | 39,348 | 7,20,943 |
| 5 | 2016-2017 | 233 | 4,11,166 | 8,250 | 4,19,416 |
| **Total** |  | **6655** | **1,06,85,483** | **161098** | **1,08,46,581** |

**Visitors report**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sr.N.** | **Year** | **Students** | **Faculties & Staffs** | **Totals Visitors** | **Books Issued** | **Books Return** |
| 1 | 2012-2013 | 41044 | 1207 | **42251** | 30583 | 30377 |
| 2 | 2013-2014 | 51257 | 1286 | **52543** | 34970 | 35869 |
| 3 | 2014-2015 | 47676 | 716 | **48392** | 32128 | 34883 |
| 4 | 2015-2016 | 50144 | 615 | **50759** | 27198 | 27861 |
| 5 | 2016-2017 | 50452 | 370 | **50822** | 23527 | 22850 |
| **Total** |  | **240573** | **4194** | **244767** | **148406** | **151840** |

**5. Student support and progression**

**5.1 Number of students (within state, outside the state, outside the country)**

The detail about the students is in tabular form as follows.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl.**  **No.** | **Academic**  **Session** | **Within state** | **Outside the**  **state** | **Outside the**  **Country** | **Total** |
|  | 2009-10 | 66 | 41 | 0 | 107 |
|  | 2010-11 | 90 | 68 | 0 | 158 |
|  | 2011-12 | 139 | 119 | 0 | 258 |
|  | 2012-13 | 250 | 160 | 0 | 398 |
|  | 2013-2014 | 400 | 270 | 2 | 625 |
|  | 2014-2015 | 294 | 255 | 0 | 511 |
|  | 2015-2016 | 333 | 341 | 0 | 674 |
|  | 2016-2017 | 316 | 311 | 0 | 602 |

**5.2 Quality of students**

The university strives to disseminate and to provide knowledge through instructional and research facilities in various disciplines and therefore CUJ made pioneering efforts in launching ‘Five Years Integrated’ academic programmes along with ‘Two Years Master’s’ and ‘Doctoral’ programmes. In order to ensure quality, the University started taking admission through National level Entrance Test (CUCET/ CUJET) conducted in various states followed by counselling. It also involves weightage of both percentile of entrance test and percentage of qualifying degree of a candidate for admission for all the departments/ centers following GOI reservation policy.

The registered number of students was increased in the sessions during various academic sessions (table below), in which the number of students from outside the state in various courses was also increased.

The University has made rigorous teaching learning process in order to enhance the potential of students, which includes three sessional examinations (theory &practical) followed by final examination at the end of every semester. The students undertake various assignments such as power point presentation, group discussions, field work, academic field trip, industrial tour, dissertation work *etc*. The laboratory under different centres is under developing process. Presently, it is equipped with various hardware and software(s) in order to provide basics to advance practical exercises to the students.

**5.3 Student support mechanism- Implementation & effectiveness**

The University has extensive students support mechanism, which includes:

* Mentoring
* Counselling, Guiding and Placement Cell
* Anti-Ragging Committee
* Sports Wing
* OBC Cell
* Women Cell
* SC/ ST Cell
* Freeship Scheme
* Medical support
* Proctorial Board
* Health awareness camp (Blood donation, free health checkup)
* Hostel Accommodation (Girls, Boys, research scholars)
* Mess facility
* Canteen facility
* In Campus Wi-Fi facility
* Student’s representations in Hostels, mess, classroom.
* National Service Scheme (NSS)
* National Cadet Corps (NCC)
* Sports Facilities
* Drama, Music
* Tribal India International Fest (Salva Tagore-2011, Akhra- 2012 & 2013)
* Career counselling (Internship, Jobs in NGO and Public Sector, Research Institute and Academics)
* Participation of students in Seminars and Conferences
* Students are encouraged to present their work in external seminars, conferences, and participate in summer/ winter schools and training programmes.
* Choice Based Credit System
* Tutorials for redress academic issues.
* Foreign collaboration and Students exchange programmes
* Regular addressed by Dean of Students Welfare, wardens, proctors.
* CUJ based Email to students
* Grievance Redressal Cell (CUJ)
* Display of information and contact number of key persons

**5.4 Gender sensitization programs**

* Women Cell
* SC/ ST Cell
* Wardens (women)
* Program/ workshop details of women empowerment etc.

Students attended Gender Sensitization programs conducted by Women’s Cell of University.

Gender rights and gender sensitization are part of curriculum as human rights, international law, domestic laws and legal customary practices.

**5.5 Students participation in Co-curricular & Extra-curricular Activities**

1. **SPORTS ACTIVITY:**

The Sports Wing has been running various sports activities since inception of Central University of Jharkhand.

* **Outdoor Games:** Football, Cricket, Wushu, Badminton, Volleyball, Athletics, Field & Track Events, Kabaddi.
* **Indoor Games:** Yoga, Table Tennis, Carrom, Chess
* **Adventure Sports:** Trekking.

**Sports facility includes** One Multi-purpose Ground, One Football Ground (50 M x 20 M), Two Concrete Pitch (7.5 Ft x 30 Ft.) for Cricket Training, Five Badminton Courts, Two Volleyball Courts, One Sports Complex, Three Multi Gyms (Boys, Girls and Teaching-Non Teaching Staff), One Basketball Court. The students of Central University of Jharkhand participate in International, East Zone Inter University, National and State Level Tournaments and have performed remarkably.

**International level**:

* Jyoti Kumari – **Wushu Asian Junior Championship**, Philippines- bronze medal, and participated 3 times with good score in three world championships at Singapore, Macau, Shanghai.
* Prity Kumari – Yoga, participated in **International Yoga Championship**, shanghai (**Nov 2012)**. Winner of medals and yog sundri title in national and state level yoga championships. Presently she is in Hongkong working as Yoga Coach.
* L. Pradeep Kumar Singh WUSHU coach he represented world championships as coach of INDIAN WUSHU team many times.
* Pramod Kumar Rana (IAP) bags GOLD medal 08th **Jharkhand State Wushu Championship** held on 15 SEP 2012

**National level**

* Om Prakash participated in National Wushu Championship, Jaipur.
* Om Prakash bags Gold Medal in 9th Jharkhand State Senior Wushu Championship (2013-14).

**Zonal level**

* Pramod Kumar Rana Wushu silver medal, East Zone Wushu championship.

**State Level**

* Jyoti Kumari bags gold medal in 11th Jharkhand state senior WUSHU championship (2015-16) on 08 Nov. 2015
* Danish Rahman (ICS) bags Gold Medal In 10th Jharkhand State Wushu Championship (14 SEP 2014) Jyoti Kumari
* EVS bags Gold Medal in 35TH National Games Kerala in Wushu in Feb. 2015

**Sports Achievements**

* ULGULAN 2017 at National Law University, Ranchi, Nov. 2017: CUJ bags 11 medals in athletics and becomes overall champion
* VAJRA 2017 at BIT, Mesra on 11th Nov. 2017: Runner up in basketball.
* CUJ bags Gold Medal in federation Cup at Shillong in Feb. 2016.
* CUJ bags Gold Medal in KARATE in 5th Jharkhand State Karate Championship at Ranchi in August 2015
* CUJ bags Gold Medal in WUSHU Championship in 35th National Games in Kerala in 2015.

**Every year Sports Wing organizes Inter House Tournaments, followed by Annual Sports functions**.

1. **EXTRA-curricular Activities**

* Unayyan: a Social Awarness program initiated by CUJ for imparting the education to the children belonging to marginalized/ less privileged community since 2010.
* CUJ bags Gold Medal in Skit Competition in 31st inter university youth festival in Jan 2016.
* Yoga Shivir
* Medical Camp (Jan 2017)
* CUJ management won prize in Sept. 2016
* CUJ organized various Essay writing, cultural programmes, Poster competition, quiz competition, rangoli completion and Mehdi competition at Centre/ University level *etc*.
* Scout & guide
* Students participation in Ozone Day, water day, Earth Day celebration, Environment Day celebration, NCC, NSS
* First Aid and disaster management
* Field Exposures, excursion tour within India. Singing & speech competitions
* Khadi exhibition programme on Gandhian Day
* Annual sports meet
* Visual Arts, performing arts, Yoga, cultural activity, social work, sports, awareness Programmes for health and sanitation among the underprivileged section

**5.6 Students Grievance redressal mechanisms**

CUJ has formed various committees to redressal of student’s grievance:

* Anti-Ragging Committee
* Proctorial Board,
* SC/ST Cell,
* Women’s Cell,
* OBC Cell
* Grievance Redressal Squad &
* Internal Complaint Committee
* Mentor (among faculties) is assigned to students to discuss their grievances

**5.7 Feedback system**

Till date, CUJ does not have any official and centralized feedback system from students. But, Student feedback is encouraged in teaching, framing syllabus to improve the teaching & learning processes. So, several departments follow some indirect mechanism of their own to get feedback from students.

**5.8 Mentoring system**

* In day-to-day teaching, a teacher plays a vital role as mentor and guides the students in their academic and related activities to groom them as a good citizen. Students are mentored by concerned faculty as per the classroom teaching requirements. Career counselling carried out for Internship and Placements by the faculty members as per the requirements.

Key Domain areas for mentoring:

* Enhancing Classroom Learning
* Examination Performance
* Job placement
* Higher Studies & Research
* Personal counselling

**5.9 Enrolment ratio (Intake vs. Admitted)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl.No** | **Centre** | **Enrolment ratio 2016 (UG/PG)** | | **Enrolment ratio 2017 (PG level only)** | |
| **Intake** | **Admitted** | **Intake** | **Admitted** |
| 1 | Centre For Applied Chemistry | 40 | 21 | 14 | 9 |
| 2 | Centre For Applied Physics | 40 | 36 | 14 | 13 |
| 3 | Centre For Applied Mathematics | 40 | 32 | 14 | 11 |
| 4 | Centre for Life Sciences | 40 | 23 | 14 | 13 |
| 5 | Business Administration | 40 | 39 | 14 | 14 |
| 6 | Mass Communication | 40 | 30 | 14 | 7 |
| 7 | Energy Engineering | 40 | 37 | 14 | 12 |
| 8 | Nanotechnology | 40 | 35 | 14 | 8 |
| 9 | English Studies | 40 | 29 | 14 | 8 |
| 11 | Environmental Sciences | 40 | 23 | 14 | 9 |
| 12 | Land Resource Management | 60 | 37 | 14 | 5 |
| 13 | Water Engineering Management | 40 | 34 | 14 | 10 |
| 14 | Human Rights & Conflict Management | 20 | 07 | 14 | - |
| 15 | Humanities And Social Sciences | - | - | - | - |
| 16 | Indigenous Cultural Studies | 40 | 11 | 14 | - |
| 17 | Tribal & Customary Law | 20 | 09 | 14 | 3 |
| 18 | Tribal Folklore Language & Literature | 20 |  | 14 | 8 |
| 19 | Music and Performing Arts | 40 | 16 | 14 | 4 |
| 20 | International Relations | 40 | 33 | 14 | 7 |
| 21 | Education | 100 | 86 | 50 | 50 |
| 22 | Far East Languages | 120 | 56 | - | - |

**5.10 Students clearing exams in minimum time without back log**

|  |  |  |
| --- | --- | --- |
| **Year** | **% of Students** | |
| 2009 | 85.5 | |
| 2010 | Odd Sem :84%  Even Sem: 92% | |
| 2011 |  | Odd Sem : 83.6%  Even Sem: 81.8% |
| 2012 | Odd Sem : 76.1%  Even Sem: 82.4% | |

**5.11 Students performance in the University exams in minimum time with back log**

|  |  |
| --- | --- |
| **Year** | **% of Students** |
| 2009 | 14.5 |
| 2010 | Odd Sem :16%  Even Sem: 08% |
| 2011 | Odd Sem : 16.4%  Even Sem: 19.2% |
| 2012 | Odd Sem : 23.9%  Even Sem: 17.6% |

**5.12 Students participation in University Examinations**

|  |  |  |
| --- | --- | --- |
| End Semester Exam | Total Students | Students participation |
| Odd Semester 2017 | - | - |
| Even Semester 2017 | - | - |
| Odd Semester 2016 | - | - |
| Even Semester 2016 | - | - |

**5.13 Student Placement (Placement, Higher studies, Entrepreneurship; data for five years)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl** | **Name of the Centre** | **Designations** | **Year/no of placement** | | | | **Total** | **Salary in range (annual)** |
| **2014** | **2015** | **2016** | **2017** |
| 1 | Centre for Energy Engineering | Managers, engineer, associate, consultant etc. |  |  |  |  | 27 | NA |
| 2 | Centre for Business Management | Sales trainee, executives, banker, management trainee, customer relationship executive, | 12 | 9 | 25 | 13 | 59 | 1.8 to 7.8 Lakhs |
| 3 | Centre for Indigenous Studies | Research scholar, founding director, assistant professor, APO Bihar, call transfer agent | - | - | - | - | 10 | 1 lakh- 8 lakhs |
| 4 | Centre for Music and Performing Art | Free lancer, assistant professor, account assistant | - | - | - | - | 8 | 2.4 to 3.4 Lakhs |
| 5 | Centre for Life Sciences | Research scholar, specialist in clinical trails, Yoga Instructor | 2 | 10 | 3 | 1 | 16 | NA |
| 6 | Centre for Mass Communication | Senior production assistant, chief sub-editor, copy editor, PRO, Guest lecturer, senior reporter, photographer, executive corporate communication, research scholar | 19 | 10 | 7 | 13 | 59 | 1.5 to 6 Lakhs |
| 7 | Centre for Water Engineering | Project Engineer, Project Manager, SITE Engineer, Research Scholar, Asst. Prof | 0 | 6 | 12 | 6 | 24 | 1.9 to 9.4 lakhs |
| 8 | Centre for Applied Mathematics | Project Associate | 0 | 0 | 2 | 1 | 3 | NA |
| 9 | Centre for Tribal and Customary Law | Programme officer, probationery officer, legal advisor, research scholar, asst. prof., Public prosecutor, | 0 | 5 | 4 | 3 | 12 | NA |
| 10 | Centre for Land Resource Management | Digital Cartographer | 0 | 0 | 0 | 08 | 08 | 2.4 Lakhs |

**5.14 Student participation in professional activities**

* Students are involved in various professional activities as Internship, Field Postings, Trainings, Dissertation; Projects
* Students undertake Internship and Research Projects and Volunteer for University and Centre level conference / seminars and workshops as Support staff for organizers (CBA)
* 36 students participated in training for NAS (National Academic Survey) and conducted (C.Edu) the survey at Jharkhand as per order from DEO, Ranchi and collaborated with ‘Sarva Shiksha Abhiyan’

**5.15 Local Guardian programs for students: specially out-station students**

The Out-station Students has a local guardian mentioned mandatorily at the time of admission. The local guardian is asked to report to the university as and when required. Outstation students are given the preferences while allocating the hostel accommodation.

**5.16 Grievance Redressal Mechanism**

As in 5.6

Students Grievance Redressal Mechanism such as Proctor Board, Anti-Ragging Cell, and Grievance Redressal Cell are functioning in the University.

**5.17 Counseling facility**

* Pre admission counselling
* Counselling at the time of admission
* Counselling before the field work
* Counselling at fieldwork
* Regular/ Personal life counselling
* Career counselling (Internship, Jobs in NGO and Public Sector, Research Institute and Academics)

**5.18 Remedial Coaching**

* For NET and GATE at few centres
* Outreach programe: Unnayan: A Educational Social Responsibility
* Remedial class for the 10+2 students, which was free for under privileged students (City Centre -2013-14)

**5.19 Induction Program**

Induction Program is held at the beginning of the academic session. The Vice Chancellor and other senior Faculty members including the Deans meet the newly admitted students in the University Auditorium. The Coordinator of the Program briefs about the university and welcomes the members of the university. Issues about ragging are also clarified.

Students are inducted in to the program by the Center Head and Faculty members through a brief on technical program structure, university facilities, policies and procedures regarding examination, attendance, etc. It generally covers a broad Introduction to the course contents, patterns of study and examination, any significant Issue/concern arises during the discussion.

**6. Governance, Leadership & Management**

**6.1 Vision of the University**

Our vision is to create a 'World Class University’ in every aspect, be it research, teaching, administration or co-curricular activities, to produce world class students ready to excel in every chosen field with honor and uprightness.

**Objectives**

* Disseminate and advance knowledge by providing instructional and research facilities in various disciplines Promote innovations in teaching-learning process and inter-disciplinary studies and research
* Educate and train manpower for the development of the country
* Establish linkages with industries for the promotion of science and technology and Pay special attention to the improvement of the social and economic conditions and welfare of the people, their intellectual, academic and cultural development.

**The Motto: Knowledge to Wisdom**

Students join higher education to gain knowledge. At CUJ, we strive hard to turn that knowledge to wisdom in order that society finally gains a useful citizen to guide and mould its destiny. This we plan to do through many compulsory community-based projects, interactions with a wide cross-section of people from within our country and outside it and innovations in the teaching-learning processes.

**The Logo**

The logo occupies a very special place within the whole brand image building process of CUJ. Respect for traditions is reflected by the curved design around the circles enclosing the name of the university. The Banyan tree symbolizes learning, enlightenment and its dissemination to the ever growing youth of our nation. The two rocks represent strength of character and unswerving truthfulness. When conjoined, they stand for steadfast excellence through uprightness. “Jharkhand” means dense forest regions. The banyan tree symbolizes the inclusiveness in our humanistic approaches to social contexts of our location.

**The Logo Colours**

The three colours of the logo have been chosen with reference to what the ancient Upanishads have to say on colours:

**Green:**-   stands for vitality and growth  
**Maroon:**- symbolises existence and dynamism  
Gold: -  represents sacrifice and renunciation

**Leadership**

The leadership is involved in building inspiring vision, which can be achieved through institutional management system and its efficient implementation. Effective monitoring is equally important for the continuous improvement through regular interaction with its stakeholders at various levels.

**The** **Vice-Chancellor** is the Principal Executive and Academic Officer of the University. He exercises general supervision and control over the affairs of the university and gives effect to the decisions of all the authorities of the University. He is assisted by Deans of the School, Registrar, Finance Officer, Controller of Examinations, Librarian and other officers of the University.

**The Court** primarily reviews the board policies and programmes of the University and suggest measures for the improvement and development of the University. It also consider and pass resolution on the Annual Report and Annual Account of the University.

**The** **Executive Council** is the Principal Executive Body of the University responsible for the management and administrative powers related to revenues and property of the University. Besides, it is responsible for maintaining the guidelines related to conduct of all administrative affairs and is responsible for the improvement of the University. With the Vice Chancellor as the *ex officio* Chairman, the Executive Council consists of the members from various sections of government, senior academicians across the nation.

The **Academic Council** is the Principal Academic Body of the University under the Chairmanship of the Vice-Chancellor. It exercises general supervision of the academic policies of the University and promotes inter-school coordination and accountable for general functioning of the University, discipline *etc*.

The Finance Committee is primarily supervises over the funds of the University and frames financial policies for regulating funds in the University. The **Vice-Chancellor** is the *Ex-Officio Chairman* of the Finance Committee and Finance Officer is the *Ex-Officio Secretary* of the Finance Committee.

**The Board of Research Studies** mainly prepares a broad framework of research and major thrust areas of research under the Chairmanship of Vice Chancellor. It also reviews the current status of the research in each Centre and critically examines the progress of research activities.

**The Board of School** is an academic body of the School under theChairmanship of Dean. Dean convenes meeting of the Boards to monitor, recommend and ratify various academic and research related matters as proposed/ recommended by Board of Studies (Centre) and proceed to the academic council.

**The Board of Studies (Centre)** is an academic body of the Centre under theChairmanship of Head, which looks after various academic and research related matters as proposed by Doctoral Committee (Centre), Research Advisory Committee (PhD Scholar), faculty and academic committee of the Centre (*viz*., syllabus, academic curriculum, *etc*.)

**The Centre Research Committee** (CRC) is responsible for all Centre level research activities including allotment of supervisors to admitted PhD Scholars under the Chairmanship of Centre Head.

**The** **Research Advisory Committee** (PhD Scholar) is responsible to monitor the research activities of each PhD Scholar within the Centre and duly examine the progress of the candidates twice in a year.

For various academic and administrative activities, the University constitutes a number of committees and sub committees to look after the important day-to-day activities of the University including admissions, examination, Employee, Students, procurement (overall/ project), co-curricular activities, *etc*.

The Executive Council and Academic Council are the two principal bodies comprising all the stakeholders participating as members and are responsible for the final decision making related to the smooth functioning of the University (through periodic meetings).

The leadership is involved in creating a culture of academic excellence. The various positions in the University like Registrar, CoE, Finance Officer, Librarian are lying vacant for more than two year due to non-availability of eligible candidate. And recently the position of Librarian was filled up.

**6.2 Decentralization and Transparency**

Authority of the University is **delegated and decentralized** through:

|  |  |  |
| --- | --- | --- |
| **Academic Section** | **Administrative Section** | **Finance Section** |
| Academic Council | Executive Council | Finance Committee |
| Board of Research Studies | The Court | Centre Purchase Committee |
| Board of School | Building Committee | Project Purchase Committee |
| Board of Studies | Library | Internal Audit System |
| Centre Research Committee | OBC Cell | External Audit System |
| Research Advisory Committee | Women Cell | Local Purchase committee |
| Admission Committee and CUCET | SC/ ST Cell |
| Examination Committee | Medical support |
| Anti- ragging Committee | Proctorial Board |
| Sport Committee | Warden |
| Cultural Committee | Sports Wing |
| Counselling, Guidance and Placement Cell | Games & Sports committee |
| International Cell | Transport Committee |
| Committee for Freeship Scheme | Library Committee |
| Dean of Students Welfare | IT & Planning Committee |
| Time table Committee | UMS Committee |
| Flying Squad Committee | Food & Mess Committee |
| National Service Scheme (NSS) | RTI Cell |
| National Cadet Corps (NCC) | Grievance Redressal Cell |
| IQAC |
| NIRF |

Moreover, all **procurement of Goods and Services** are made through inviting Tender/Quotations /Expression of Interest in University website, local and national dailies as per as practicable

**6.3 Delegation of powers**

1. Academic Matters

**VICE CHANCELLOR**

Dean of School

(Natural Science)

**Central Library**

Dean of School

(Natural Resource Management)

Dean of School

(Management Sciences)

Dean of School

(Mass Communication & Media Technology)

Dean of School

(Languages)

Dean of School

(Engineering & Technologies)

Dean of School

(Cultural Studies)

Dean of School

(Humanities & Social Sciences)

Dean of School

(Education)

**4** Centers (Applied Physics, Applied Mathematics, Applied Chemistry, Life Sciences)

**3** Centers (Land Resource Management, Environmental Sciences, Water Engineering & Management)

**1** Centre (Business Administration)

**1** Centre (Mass Communication)

**2** Centers (English language; Far East Languages (Chinese, Korean & Tibetan))

**2** Centers (Nanotechnology, Energy engineering, Computer Science-Mobile Computing)

**4** Centers (Indigenous Cultural Studies, Tribal & Customary Law, Tribal Folklore Language & Literature, Music and Performing Arts)

**3** Centers (International Relations, Economics & Sociology, Human Rights & Conflict Management)

**1** Centre (Education)

**Centre for Excellence**: Green & Efficient Energy Technology (GEET)

**SCHOOLS**

**CENTRES**

Pro Vice Chancellor

**2. Administrative Matters**

Pro Vice Chancellor

Deans of Schools

Controller of Examination

Finance Officer

Registrar

Accounts

Purchase

General Administration

Estate

Planning & Development

Security &

Campus

Maintainence

Sports

Librarian

Vice Chancellor

**3. Student Matters**

Dean of Students Welfare

Hostels

Cultural

NSS

Counseling, Placement & Guidance Cell

Admission Cell

Vice Chancellor

Sports & Yoga

Anti-Ragging

**6.4 Regularly conduct of meetings of statutory Committee Meetings and Ensuring participation of external members**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No.** | **Date of EC meetings** | **Date of AC meeting** | **Date of FC meeting** | **Date of BC meeting** |
| 1 | 10.10.2009 |  | 08.05.2010 |  |
| 2 | 13.03.2010 |  | 09.10.2010 |  |
| 3 | 15.05.2010 |  | 05.02.2011 |  |
| 4 | 09.08.2010 |  | 05.05.2011 |  |
| 5 | 03.11.2010 |  | 24.09.2011 |  |
| 6 | 12.03.2011 |  | 03.03.2012 |  |
| 7 | 09.05.2011 |  | 21.05.2012 |  |
| 8 | 20.08.2011 |  | 05.05.2013 |  |
| 9 | 14.11.2011 |  | 19.10.2013 |  |
| 10 | 05.03.2012 |  | 30.06.2014 |  |
| 11 | 26.05.2012 |  | 20.04.2015 |  |
| 12 | 28.07.2012 |  | 18.09.2015 |  |
| 13 | 23.08.2013 |  | 12.06.2016 |  |
| 14 | 14.09.2013 |  | 14.07.2017 |  |
| 15 | 31.10.2013 |  | 06.11.2017 |  |
| 16 | 08.12.2014 |  |  |  |
| 17 | 25.04.2014 |  |  |  |
| 18 | 23.12.2014 |  |  | 31.7.2017 |
| 19 | 09/10.03.2017 |  |  |  |
| 20 | 13.4.2017 |  |  |  |
| (E ) | 19.7.2017 |  |  |  |
| 21 | 28.08.2017 |  |  |  |
| 22 | 27.11.2017 |  |  |  |
| 23 | 03.12.2017 |  |  |  |

**6.5 Transparent faculty appraisal and its effective Implementation**

‘Transparent Faculty Appraisal Systems’ was introduced in order to evaluate overall performance of a teacher. However, at present the Performance Based Appraisal System (PBAS) is followed to fill-up the proforma for promotion of faculty members under CAS as per the UGC Regulations.

For appointment of Teachers and other Academic Staff through direct recruitment process, the University follows the guidelines in accordance with the Regulations and the amendments issued by UGC and MHRD from time to time. The eligibility criteria prescribed by other appropriate regulatory bodies, such as NCTE and AICTE etc. are followed, as and where required. The Reservation Policy of Government of India is also followed for candidates belonging to SCs, STs and OBCs and PwDs as per University roster. To invite applications from the eligible Indian Nationals, University publishes/issues notification in the local and national dailies, as well as in the University website for wide circulation. To validate the eligibility of the candidates, preliminary screening committees are formed. Thereafter, the final short-listing is done by the screening-cum-evaluation committees as per UGC norms, which is developed and displayed by the University.

The Selection Committees are constituted and meetings are held as per UGC norms. The final recommendations for selection of the candidates are kept in the sealed envelope, which are placed before the Statutory Body i.e. the Executive Council of Central University of Jharkhand.

**6.6 Availability of management information system**

Presently finance section of the university is providing pay slips to all employees. Transferring of fund/payment of third party bill etc. are being transferred through both cheque and online process like NEFT, RTGS etc. All sorts of financial transaction including salary, wages, third party bill etc. has been shifted to Financial Software ‘Telly’ so that every employee can get the required information without any delay.

**Library Automation and Website:**

University Library is a knowledge resources centre, which has a good collection of text as well as reference resources to meet the needs of the faculty and students. This Library is comparable to any other well established University Library of the country in respect of its services and collection.

Automation and modernization of library has been priority area to provide value added services to meet the expectations of users in digital era. On-line catalogue of books are up to date with full description of **content pages** and **thumbnail** of cover pages to give **full content** analysis of documents. Library also developed its own **website** to provide internet based services for wider accessibility to its resources. Library subscribes to a large number of databases with the coverage of electronic as well as printed which also includes more than 7000 open access journals placed on library website. In addition to above services, library has been linked to many other websites relating to academic resources available at different locations.

**Salient Features:**

* Open Access Library
* Good collections of Reference / Text Books on all disciplines.
* Access to 14,253 e-journals; Print Journals 17 ; Magazines – 18; Newspaper - 11

**Online Resources:**

|  |  |  |
| --- | --- | --- |
| **SI. No.** | **Resource Name** | **No. of Journals** |
| 1 | Springer Link | 1389 |
| 2 | Taylor & Francis | 1079 |
| 3 | Science Direct | 1036 |
| 4 | Wiley-Blackwell Publishing | 908 |
| 5 | Cambridge University Press | 224 |
| 6 | Oxford University Press | 262 |
| 7 | American Chemical Society | 50 |
| 8 | Royal Society of Chemistry | 29 |
| 9 | American Institute of Physics | 18 |
| 10 | American Physical society | 13 |
| 11 | Economic & Political Weekly | 1 |
| 12 | JSTOR | 2500 |
| 13 | Open Source Journals | 6744 |
| **Total** | | **14253** |

**Online Database:**

* Royal Society of Chemistry
* ISID
* JCCC
* MathSciNet

**Institutional Membership:**

* Current Science Association, Bangalore.
* American Library, Kolkata.

**Statistics of the Library has been summarized as under:**

**Collection Development during the years**

2009 – 2010 2,475 (Books)

2010 – 2011 5,122 (Books)

2011 – 2012 6,776 (Books)

2012 – 2013 3,044 (Books)

2013 – 2014 1,898 (Books)

2014 – 2015 207 (Books)

2015- 2016 1,274 (Books)

2016 – 2017 233 (Books)

**Total Books 21, 029 (Books) as on 31/03/2017**

**Circulation & Usage**

**Circulation:**

Books issued – 23,527

Books return – 22,850

**Usage of Library:**

Students – 50, 452

Faculty visited – 314

Staff – 56

**Year Issued Return Library Visit**

2009 – 2010 1,830 1,453 6,248

2010 – 2011 7,536 7,457 13,756

2011 – 2012 20,975 19,579 28,368

2012 – 2013 30,583 30,377 42,251

2013 – 2014 34,970 35,869 52,543

2014 – 2015 32,128 34,883 48,392

2015 – 2016 27,198 27,861 50,759

2016 – 2017 23,527 22,850 50,822

**Total 1, 78,747 1, 80,329 2, 93,139**

**Infrastructure facilities:**

1. 1 GB line for access to e-resources
2. Wi-Fi connectivity
3. Computers
4. Reading room facility extended up to 19:00 hrs.
5. Scanners for Digitization
6. Open Public Access Catalogue
   1. **Welfare schemes of faculties’ staffs and students**

Central University of Jharkhand is providing good working ambience for the employees and students of the University through

|  |  |
| --- | --- |
| **Employees** | **Students** |
| Residence | Hostel |
| Medical | Freeship |
| LTC | Canteen |
| Women’s Cell | Women’s Cell |
| OBC Cell | OBC Cell |
| SC/ST Cell | SC/ST Cell |
| Wi-Fi Connectivity | Sports Wing |
| Grievance Redressal Cell | Medical |
| Banking Facility | Wi-Fi Connectivity |
| Health Centres: Gym, Yoga | Grievance Redressal Cell |
| Cultural Activities through SPIC MACAY | Banking Facility |
| Adventure Sports Activities: Trekking |
| Industrial Tour |
| Industrial Training |
| Placement |
| Health Centres: Gym, Yoga |
| Anti-Ragging Committee |
| Cyber Literacy |

**6.8 Quality improvement strategies adopted by the institution**

**I. Curriculum development**

* The relevant ordinance of the University stipulated provision of the Board of School and Board of Studies at regular interval for the curriculum development.

**II. Teaching and Learning Process**

* IQAC cell maintain the quality and performance of teachers
* Continuous Evaluation System
* Public lectures & talk
* More emphasis is given towards experience based learning through lab based exercises, Tutorials, CBCS, Field and industrial visits, dissertation & project works, internships etc.
* Remedial classes

**III. ICT based methods**

The University also gives high importance to the Modern methodsof education (known as ICT based education) which includes, slide based classroom teaching, seminars and workshops, and virtual classes.

**IV. Innovative methods**

The University promotes the innovativeways of teaching and learning methods, which includes hands-on training, involvement of students in ongoing projects, research collaboration with major institutions with reference to Master level dissertation and internships. Accessibility to various e-books, online journals and study materials (INFLIBNET ISI Web of Knowledge, INFLIBNET Open Journal Systems, Elsevier Scopus (Online Database), IEEE Explore Digital Library, Indian Citation Index, SAGE Journals, Taylor & Francis, Springerlink, E-SHODSINDHU ( INFLIBNET) Journals and Database *etc*.

**V. Examination and Evaluation**

**Examination and Evaluation Process**

Integrated/ Post Graduate programs – 3 Tiers

* Examiner
* Scrutinizer
* Head Examiner

**Admission of students**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl.**  **No.** | **Academic**  **Session** | **Within state** | **Outside the**  **State** | **Outside the**  **Country** | **Total** |
|  | 2009-10 | 66 | 41 | 0 | 107 |
|  | 2010-11 | 90 | 68 | 0 | 158 |
|  | 2011-12 | 139 | 119 | 0 | 258 |
|  | 2012-13 | 250 | 160 | 0 | 398 |
|  | 2013-2014 | 400 | 270 | 2 | 625 |
|  | 2014-2015 | 294 | 255 | 0 | 511 |
|  | 2015-2016 | 333 | 341 | 0 | 674 |
|  | 2016-2017 | 316 | 311 | 0 | 602 |

**6.9 Leadership Interaction with the society**

Central University of Jharkhand has been involved in several activities throughout the year:

|  |  |
| --- | --- |
| Unnayan | Akhra |
| Health Camp | NCC |
| Blood Donation Camp | NSS |
| Yoga Shivir | Digital Literacy |
| e-Governance | Plantation |
| Village Awareness Programme |  |

**Lectures delivered by some of the prominent personalities:**

|  |  |
| --- | --- |
| Dr. A. P. J. Abdul Kalam | Former President, Union of India |
| Justice M. B. Lokur | Judge, Supreme Court of India |
| Draupadi Murmu | Governor, Govt. Of Jharkhand |
| M. O. H. Farook | Former Governor, Govt. Of Jharkhand |
| Arjun Munda | Former Chief Minister, Govt. Of Jharkhand |
| C. P. Singh | Ministry of Urban Development, Govt. Of Jharkhand |
| Subodhkant Sahay | Former Union Minister |
| Jairam Ramesh | Former Union Minister |
| Balbir Dutt | Padma Shri & Renowned Journalist |
| Simon Oraon | Padma Shri & Waterman of Jharkhand |
| Mukund Nayak | Padma Shri & Folk Dancer |
| Asha Lakra | Mayor, Ranchi Municipal Corporation |
| S. N. Pradhan | IG, Jharkhand Police |
| Saket Kumar Singh | SSP, Ranchi |
| Sylvanus Dung Dung | Olympian Gold Medallist |
| Ashunta Lakra | Former Captain, Indian Hockey Team |
| Kim Kyung Han | Minister Counsellor, Political Section, Embassy of Korea |
| Atul Singh | Washington Based Founder of ‘Fair Observer’ |
| Nitin Chandra | Film Maker |
| Meghnath | National Documentary Film Maker |
| Shriprakash | National Documentary Film Maker |
| Ustad Kamal Sabri | Sarangi Recital |
| Sonam Wangchuk | Renowned Educationist |
| Moira Dawa | Communication Officer, UNICEF (Jharkhand) |
| Nandlal Nayak | Folk Dancer |
| Ben Sakkerkelly | First Secretary, Australian High Commission, New Delhi |
| R. K. Rai | Renowned Clinical Doctor |

**7. Innovation & Best Practices**

**7.1: Innovation in academics in recent past which have resulted in positive impact from student learning perspective**

Central University of Jharkhand is offering some innovative, integrated and niche courses on tribal affairs like Tribal and Customary Law (Hon. Supreme Court has referred some of cases to this specific centre), Indigenous Culture, Tribal Folklore, Language and Culture. One specific centre has been designed for Human Right and Conflict Management. One school is specially offered course on Far East languages (Chinese, Korean and Tibetan). One centre named Transport Science and Technology is on the verge of opening, this centre has specialization on surface, air and water transportation. Some emerging areas are covered in centres of Energy Engineering, Water Engineering and Management, Nanotechnology.

**7.2: Innovation and Best Practices**

|  |  |  |
| --- | --- | --- |
| **Overview** | | |
| **University Centric** | **Faculty Centric** | **Student Centric** |
| Sharing of Laboratories between centers | BHIM App Training Programme; Awareness on GST; Awareness on Office Management; Course on Cyber Security; and POSCO | Extra Curricular: Student Mentorship, Yoga and Self-meditation for Students; Unnayan (Special classes by CUJ Students to local school children) |
| Collaboration with Foreign University | Organization of health camp | Co-Curricular: Summer/Winter  projects through Indian Academies of Science funding; Organization of Seminars; and Lectures by experts from Industries |
| MoU with institutions in Korea and China | Funding for attending International Conferences and Workshops | Curricular: Participation in Seminars, Indian Science Congress, Visiting the Commercial Places (For MBA Students), Fellowships to Students, DBT Builder Fellowship |
| Fulbright Fellow | Adjunct Professorship to  Universities of other states; Resource persons for organizations/industries like Coal India Ltd, Jharkhand Judicial Academy, R&D Centre for Iron and Steel (RDCIS) of  SAIL etc. |  |
| **Centre Wise Details** | | |
| **Centre for Environmental Sciences** | | |
| Faculties of Centre for Environmental Sciences take laboratory practical classes of other Centres (Centre for Water Engineering & Management; & Centre for Applied Chemistry) of VII Semester students of Integrated Programmes. | Faculties of CEVS are doing research & projects in various contemporary topics related to themes of Environmental Sciences.  Dr. P. Saikia has individual & joint research projects with different funding agencies and organizations on individual besis as well as institutional level, viz. IUCN, CEM, GFBI-USA, GKVK-Bangalore, etc.. Dr. K. Bauddh, Dr. K. Parmar & Dr. B. Singh of CEVS have individual research projects with them.  A project titled ‘An Integrated Waste Management & Rainwater harvesting system proposed for Universities’ has been submitted to SERB, India and is under review for grant of funds by one of the Faculty member (Dr. B. Singh of CEVS).  Faculty member of CEVS have been funded to attending National/International Conferences and Workshops at India & Abroad (viz. Poland). | Remedial Classes for students by CEVS  Regular Student seminar and presentations by CEVS  Mentoring of each students by faculties of CEVS  Students of Environmental Sciences of current IXth Semester and passed-out Xth Semester have developed a vermicompost bed to treat the solid waste (leaves, etc.) originating in the University campus.  Students of CEVS have placed bins near the classrooms where wastes are thrown based on their category and composition. |
| **Centre for Water Engineering & Management** | | |
| Laboratories of CWEM are shared with Centre for Energy Engg, Centre for Nanotechnology and Centre for Land Resources Management.  MoU has been signed between CWEM and M/S Eco Water Solutions, New Delhi and M/S C2S2 Pvt. Ltd, New Delhi | Dr. Ajai Singh, Head, CWEM delivered lecture in Soil Conservation Department, DVC, Hazaribagh.  Dr. Ajai Singh, Head, CWEM is a Member of Interview Board for selection of State Level Officer in World Bank Project of DWSD Govt. of Jharkhand. | Students of CWEM are attending Internship in different Industry and Organisation |
| **Centre for Land Resource Management** | | |
| Sharing of Classroom facilities between Centres, Edusat Satellite Outreach Programmes.  Collaboration with Foreign University/Centres: Columbia Water Centre, USA.  MoU with institutions in the area of Geospatial Technology: IIRS, Dehradun, ISRO. GoI.  Committee Members across various Centres of the University. | Geospatial Technology related courses, Orientation & Refresher Courses.  Organization of Medical Camp, Workshop in Referencing Tools. Funding for attending International Conferences and Workshops. Resource persons for organizations like SKIPA, Ranchi, UNICEF, Ranchi University and Observer duties etc. | Extra Curricular: Student Mentorship, Sports for Students.  Co-Curricular: Summer Internship Projects; Organization of Seminars and Lectures by experts from Geospatial Technology related fields.  Curricular:  Participation in Seminars, Indian Science Congress, Field Exposure Visits (For CLRM Students),  One Year Projects with Geoinformatics related Organizations for the award of Degree’s in Geoinformatics. |
| **Centre for Human Rights & Conflict Management** | | |
| A MoU signed in-between CUJ and the University of Tromso-The Artic University. | Training Programme of Gender Sensitivity by CHRCM.  An Elective Course on Gender Sensitivity by CHRCM.  Invited Guest Lecture/s in other Universities by CHRCM.  Resource Person in Human Resource Development Centre (HRDC) and other National Workshops and Conferences.  Simulation Studies for better understanding and training on real time decision-making in critical conditions of conflict resolution. | Internships for Students of the University in various NGO of national and international reput.e Invited Lecture for the Students. Students Field Visit to rural and problem ridden areas of the State of Jharkhand.  Training Programme for Students at National Institute for Rural Development (NIRD), Hyderabad and Judicial Academy, Jharkhand. |
| **Centre for Business Administration** | | |
| International Conference The Next Leap with Industry Funding(Feb 6-7 , 2014)  One day Research Paper writing workshop (Feb 8, 2014)  Visit & sessions of eminent speakers from corporate like   * Dr Hasit Joshipura, MD, GSK Ltd. * Mr S Chattopadhyay, Director (Project) Mecon Ltd. * Prof. Pradeep Taneja, Melbourne University * Prof. Sanjay Gaur, University of Auckland * Prof. Jean Dreze, Economist and Co-author with Prof. Amartya Sen * Dr Sanjoy Mitra, CEO, SMSRC Ltd. * Prof. A Gani, Central University of Kashmir | Awareness on stock markets.  Resource Person for Judicial Academy , IICM, IIM-C, ISM Dhanbad, IIITM-G, UGC-HRD Centre, Fisher Dubai, Amity university, RDCIS SAIL, MTI SAIL, VIT-B School,  Training Programs for Executive of MNCs and Foreign Training  Training Program on Managerial Skills (Short Term Course).  Faculty Development Program on Research Methodology (along with SPSS).  Design of course structure and curriculum giving inputs for placements and UGC NET examination/ specialist officers (Student placed in IOCL and PSBs.  Foreign Language in the final year of IMBA Program.  Business Simulation during Sem X of the IMBA Program.  Innovative skills development courses such as Personality Growth Lab, Interpersonal Skills and Working in Teams, Creativity and Innovation.  Innovative conceptual courses such as Management by Human Values, Corporate Governance and Public Policy, Analysis and Decision Making. | Participation in the business plan competitions and achieving good results.  Visits to corporate for looking at Industry Practices for certain specialization paper.  Industry Project for Semester VI of IMBA Program.  Practical Assignments during specialization papers oriented towards skill development.  Research Project for Semester VIII and Semester IX.  Three 4-6 weeks Internships during Five Year IMBA Program. |
| **Centre for Applied Mathematics** | | |
| Instructional School -2013 (17/12/13-06/01/14).  National Seminar (08/02/14 -09/02/14).  Ganit utsav August -2013 by CAM  Faculty Appraisal.  Forming Admission committee. Board of Studies.  Sports Activities. | Instructional School -2013(17/12/13-06/01/14).  National Seminar (08/02/14 -09/02/14).  Ganit utsav August -2013.  Faculty Appraisal.  Cultural Activities.  Syllabus Committee.  Board of Studies.  Sports Activities. | Instructional School -2013(17/12/13-06/01/14).  National Seminar (08/02/14 -09/02/14).  Ganit utsav August -2013 by CAM  Batch Mentoring.  Forming Admission committee. Remedial Classes for students. Cultural Activities.  Syllabus Committee.  Board of Studies.  Student Seminars.  Co-Curricular Activities.  Sports Activities. |
| **Centre for Tribal Folklore, Language and Literature** | | |
| UGC Research award,  MoU with La Foscari University, Italy,  MoU with the University of Tartu, Estonia  Activities with Samvaad, Tata Steel,  Work with International Storytelling Group. | Resource person of New Education Policy, MHRD,  Resource person of Commission of Scientific Terminology, MHRD, Resource person of Centre for Integrated Social Development and Research, Resource person of SPCW  Community representative of Peoples Linguistic Survey of India  Resource person of Koireng Literature Committee  Organized Seminar, workshop and Winter School. | Remedial classes,  Students mentoring,  Organised Winter School, Seminar, Research Methodology workshop etc. |
| **Centre for Far East Languages** | | |
| The Chinese language lab is shared by other languages for conducting listening and speaking classes. | Teachers participate in Seminars/Conferences/Symposium /Special lectures etc. The teachers also participate in Faculty Development Programs such as Special Language specific training programs in foreign countries, Orientations, Refreshers, short term workshops etc.  The faculty members participate in Workshops on ‘Teacher’s Training for non-native Korean language Educator in India’ organized by the Embassy of the Republic of Korea. | The Centre recommends students for short/long term scholarship/ fellowships in abroad. The Centre also helps students to pursue higher studies in reputed academic institutions.  Extra Curricular: The students are encouraged to participate at national level sports, Korean/Chinese essay writing, Singing & speech competitions.  Curricular:  Seminars and presentations in the classrooms are conducted which have been effective in uplifting students’ personality. Besides, movies and dramas in concerned languages are shown to the students regularly to enhance their linguistic and cultural skills.  Participative and inclusive approach towards students’ centric curriculum has helped in mutual learning and development process in the last five years. |
| **Centre for English Studies** | | |
| Organized a three day festival *Salva Tagore* at the Central University of Jharkhand, Ranchi, to celebrate the 150th Birth Anniversary of Gurudev Rabindranath Tagore, the legendary poet, philosopher, painter and educationist. The three-day long celebration from 12th - 14th November, 2011, included thought provoking academic sessions, where in eminent speakers from across the country deliberated on the life, works and vision of Tagore, enthralling cultural performances by internationally renowned artists such as Ms. Tanusree Shankar and Padmashree H. Kanhailal, an exhibition on Tagore and a food festival showcasing cuisine from Bengal and Jharkhand. The dance drama “Valmiki Prathibha” performed by inmates of Presidency Correctional Home, Kolkata, on 13th November, 2011, exemplary of Tagore’s vision of cultural therapy, was an attempt by the University to reach out to those less privileged. The celebrations was preceded by quiz, poetry recitation, painting and street play competitions for the school and college students of Jharkhand, giving them a unique platform to showcase their talents. Organizing Secretary and Convener Dr. Shreya Bhattacharji, Associate Prof. CES  International Conference on “Text, Culture and Performance: Postcolonial Issues” with IACLALS from February 2-4, 2012  International Conference on “Voices from the Margin: Society, Culture and Exclusion” from 20-22 February, 2012 | Special Lecture Series 13-15& 17 October, 2015  In-House Lecture Series on Literary Theories 2016 | Two-day Workshop on Embittered History: Post Memories of Partition from March 6-7, 2013, CES, CUJ Speech Competition The Afterlife of  Gandhi: His Philosophy and its Contemporaneity2013 Speech Competition “Role of Youth in Promoting Harmony and Common Brotherhood” 2013  Workshop on Research Methodology and MLA Style in an Academic Writing 2016  Workshop on Research Methodology and MLA Style in an Academic Writing 2017 |

**7.3 Availability and implementation of Strategic plan for last 5 years**

* After establishment of the university 11 new centres of studies (after 2011) were planned and opened
* Curriculum Development for the 11 centres opened were developed namely (details in annexure-I)
* Manpower planning for teaching and non-teaching staffs
* GEET- Centre for Excellence for Centre for Energy Engineering
* Centre for Tribal & Customary Law, Centre for Indigenous Culture studies, Centre for Human Rights and Centre for Tribal Folklore Language & Literature are functioning focusing upon research & issues related to development of Tribals in the State of Jharkhand.

1. *Corporate social Responsibility: U*niversity premises is engaged along with faculty and students run Unnayan Programme engaged for imparting education for under privileged children of near-by villages and Students take up activities as small live projects to support setting up and development of small business near university campus

**7.4 Availability of strategic Plan for Next 5 years**

* *Human Resource Plan*

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Year wise Requirement of Academic Staff** | | | | | | | | |
| **ACADEMIC FACULTY** | **2017-18** | **2018-19** | | **2019-20** | | **2020-21** | |  |
| Professor | 8 | 2 | | 1 | | 1 | |  |
| Associate Professor | 16 | 4 | | 2 | | 4 | |  |
| Assistant Professor | 32 | 8 | | 4 | | 4 | |  |
| **Total** | **56** | **14** | | **7** | | **9** | |  |
|  |  |  | |  | |  | |  |
|  |  |  | |  | |  | |  |
| **Year wise Requirement of Non-teaching staff** | | | | | | | | |
|  |  |  |  | |  | |  | |
| **Administration** | **Pay Level as per VII CPC** | **2017-18** | **2018-19** | | **2019-20** | | **2020-21** | |
| Deputy Registrar | 12 | 3 | NA | | NA | | NA | |
| Sr. Hindi Officer | 11 | 1 | NA | | NA | | NA | |
| Assistant Registrar | 10 | 5 | NA | | NA | | NA | |
| Section Officer | 7 | 7 | NA | | NA | | NA | |
| Sr. Hindi Translator | 7 | 1 | NA | | NA | | NA | |
| Assistant | 6 | 10 | NA | | NA | | NA | |
| UDC | 4 | 10 | NA | | 1 | | 1 | |
| LDC | 2 | 12 | NA | | 1 | | 1 | |
| MTS | 1 | 8 | NA | | 2 | | NA | |
| **TOTAL** |  | **57** | **NIL** | | **4** | | **2** | |
| **Engineering** | **Pay Level as per VII CPC** | **2017-18** | **2018-19** | | **2019-20** | | **2020-21** | |
| Supdt. Engineer | 13 | 1 | NA | | NA | | NA | |
| Asst. Engineer | 7 | 1 | NA | | NA | | NA | |
| Jr. Engineer | 5 | 2 | NA | | NA | | NA | |
| Electrician | 1 | 2 | NA | | NA | | NA | |
| Plumber | 1 | 2 | NA | | NA | | NA | |
| **TOTAL** |  | **8** | **NIL** | | **NIL** | | **NIL** | |
| **Technical** | **Pay Level as per VII CPC** | **2017-18** | **2018-19** | | **2019-20** | | **2020-21** | |
| Sr. Scientific Officer (Computer) | 11 | 1 | NA | | NA | | NA | |
| Scientific Officer | 10 | 2 | NA | | NA | | NA | |
| Sr. Technical Assistant | 6 | 2 | 1 | | 1 | | 1 | |
| Technical Assistant | 5 | 4 | 2 | | 1 | | 1 | |
| Laboratory Assistant | 3 | 4 | 2 | | 1 | | 1 | |
| Lab attendant | 1 | 5 | 2 | | 2 | | 1 | |
| **TOTAL** |  | **17** | **7** | | **5** | | **4** | |
| **Estate** | **Pay Level as per VII CPC** | **2017-18** | **2018-19** | | **2019-20** | | **2020-21** | |
| Estate Officer | 9 | 1 | NA | | NA | | NA | |
| Guest House Manager | 7 | 1 | NA | | NA | | NA | |
| Cook | 3 | 3 | NA | | NA | | NA | |
| Kitchen Attendant | 1 | 2 | 1 | | 1 | | 1 | |
| Hostel Attendant | 1 | 2 | 1 | | 1 | | 1 | |
| **TOTAL** |  | **9** | **2** | | **2** | | **2** | |
| **Medical** | **Pay Level as per VII CPC** | **2017-18** | **2018-19** | | **2019-20** | | **2020-21** | |
| Sr. Medical Officer | 11 | 1 | NA | | NA | | NA | |
| Nurse | 7 | 1 | 1 | | NA | | NA | |
| Medical Attendant | 1 | 1 | 1 | | NA | | NA | |
| **TOTAL** |  | **3** | **2** | | **NIL** | | **NIL** | |
| **Library** | **Pay Level as per VII CPC** | **2017-18** | **2018-19** | | **2019-20** | | **2020-21** | |
| Asst. Librarian | 10 | 1 | 1 | | NA | | NA | |
| Professional Asst. | 6 | 1 | NA | | NA | | NA | |
| Jr. Professional Asst. | 5 | 1 | NA | | NA | | NA | |
| Library Asst. | 3 | 1 | NA | | NA | | NA | |
| MTS (Library) | 1 | 3 | NA | | NA | | NA | |
| **TOTAL** |  | **7** | **NIL** | | **NIL** | | **NIL** | |
| **GRAND TOTAL** |  | **101** | **12** | | **11** | | **8** | |

* Shifting of temporary campus to permanent campus with following facilities (Details available separately):

1. Academic Blocks
2. Administrative Blocks
3. Hostel Blocks (Boys & Girls)
4. Library
5. Workshops (3 no.s)
6. Auditorium
7. Medical Centre
8. Gym
9. V.C.Bunglow
10. Guest House
11. Hospital
12. Post Office & Bank
13. Cafeteria
14. Police Out Post
15. Swimming Pool
16. Seminar Hall
17. Sports ( Outdoor: Badminton, Volley Ball & Lawn Tennis)
18. Transport Section & Garage
19. Cycle Park

* Implementation of Staff & students Welfare schemes
* Providing consultancy to State and Central government
* Establishment of new courses as per the university’s vision and requirement (eg: Hindi, Transportation Engineering)
* Internal & External resource generation
* Full-Fledged Medical facilities in the campus
* Bridge courses for students who come from rural background
* Establishment of eco-friendly and green campus ( solar panels inception started)

**8. Budget Allocation and Utilization**

|  |  |  |
| --- | --- | --- |
| 8.1 | Budget Allocation under various heads | XI Plan (2008-12)  Grants Received: Rs.10,150 (Lacs)  XII Plan  Recurring: 8000 (Lacs)  Non- Recurring:16800 (Lacs)  (Total: Rs.29850 (Lacs))  (Details attached as Annexure) |
| 8.2 | For last 3 financial years – adequacy and utilization of budget | Grants Received Expenditure  2014-15 2500 Lacs 1922.67 Lacs  2015-16 2583.23 Lacs 2281.09 Lacs  2016-17 2400 Lacs 2262.30 Lacs |
| 8.3 | Expenditure per students | 2016-17 Rs. 90746 per student (2493 student) |

Details Available in yearly financial audit reports attached as annexure below:



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**9. Details Action Plan for next 3 Years with Intermediate Tangible Outcomes/ Milestones along with implementation of plan.**

**Forthcoming Three Years Action Plan**

1. **Administrative**
2. To get grade ‘A’ accreditation from NAAC.
3. To Improve NIRF Ranking.
4. To develop University Management System as a complete digital solution of CUJ administration, finance, Students admission, Examination, library etc. through ERP.
5. Too ensure building to equip with Solar panels and rain water harvesting structure.
6. To fill faculty and staff positions still vacant as per 11th Five Year Plan.
7. To get sanction new faculty and staffs positions as per 12th five year Plan
8. To get approval for academic courses from competent authority.
9. **New Building Projects requirement for 2017-18 to 2019-20**
10. **Development of CUJ New Campus (Cheri Manatu) incorporating:**
11. Acquisition of additional land for proper accessibility of new Campus.
12. Completion of remaining Construction work of Administrative building, Kendriya Vidyalaya School Building, Academic Science Building, Hostels (Girls & Boys), Library etc. & take over by CUJ.
13. Finalization of DPR for New Campus.
14. Construction of Boundary wall, Road network.
15. Establishment of Sub-Station Building- in progress
16. Establishment of Water Sump- in progress
17. Provision & supply network system for water & electricity.
18. Provision for sewerage system and solid waste disposal.
19. Development of Academic buildings for School of Natural resource Management, School of Management Science and remaining Schools with Smart Classrooms and Faculty Cabins, Office Room for Records
20. Construction of Sports complex (indoor & outdoor), Auditorium, Meeting hall, Examination hall, Advanced University Science Instrumentation Centre, University Health Centre, Market Complex, multi-location Cafeteria, Yoga pavilion etc.
21. Construction of VC residence, Faculty quarters and Staff quarters
22. Landscaping and Plantation of new campus
23. Open Air Theater
24. Centralized Wi-fi internet system
25. Installation of Automatic Weather Station (AWS) and Solar (2 MW Solar Power Plant), Kitchen waste based Biogas Plant, Green Vehicles, Solar Water heaters, A model Infrastructure for regular Energy Audit and Management of CUJ
26. Development of Green house, mist chamber, State of art lab for Image processing, Phorgrammetry…
27. REPAIR, RENOVATION & UP-GRADATION WORK REQUIREMENTS FOR 2017-2018 TO 2019-2020 AMC etc.
28. **Academic**
29. To conduct various **National/ International Seminars on diverse topics of concurrent world** to emerge as a local academic and intellectual platform for learning and developing knowledge in the area and its dissemination, to help the students to become experts of the subject with global perspective and information, so
30. To develop centralized computerized examination system.
31. To develop centralized **Computer Lab Infrastructure equipped with SPSS, AMOS, Matlab, R etc.**
32. Separate section for career counselling, interview *etc*. with proper Infrastructure facility
33. Teleconferencing facility for guest lectures and interviews
34. To establish permanent facility for EDUSAT based ISRO outreach academic programmes (**CLRM**)
35. To invite academic dignitaries for **public talks and distinguish lecture** to benefit the students and faculties of the Centre and the University at large.
36. To Develop course curriculum on urban planning, disaster Management, extra-terrestrial resource mapping (**CLRM**)
37. To develop GIS and image processing labs with 3D Workstations, Software (ArcGIS, MATLAB, ENVI) and high end workstation for SAR data and extra-terrestrial data processing.
38. The Centre has a proposal to establish the Vajpayee Chair of Foreign policy and Diplomacy. (**CIR**)
39. To explore the possibilities to conduct researches on Prison Literature, Disability Studies, Cultural studies, Gender Studies, Eco-Consciousness, Tribal Literature, Folklore, Narratives of Painting, Indigenous Narratives, Diaspora Studies, so on and so forth. (**CES**)
40. Certificate courses will be launched with Academic Council approval in areas like Logistics Management, Hospital Management, Entrepreneurship, *etc.* (**CBA**)
41. **Research Collaboration**
42. **To develop the School as Centre of Excellence in Research & Training**
43. To promote research collaboration with both local and international body/institutions.
44. **To promote faculty to initiate consultancy based work**
45. **To contribute actively for quality research and Publications and development of technology in terms of patents.**
46. To utilize the provision of student exchange program, and under this provision, students are being sent to China and Korean for academic pursuit.
47. **To establish Cross disciplinary conversation** in the development of tribal rights scholarship and initiate **legal Aid Programmes** by providing legal awareness regarding various laws like PESA, Consumer protection laws, etc. **by interacting with local NGOs and *Gram Sabhas*** on the issues of Local Governance and tribal development**. (CTCL)**
48. To Impart **training** to PRI members and judicial members on tribal issues **(CTCL)**
49. **To start Interdisciplinary Journal** on Tribal & Customary Law and Governance**. (CTCL)**
50. To start University level Incubation Centre (**CBA**)
51. To collaborate South Africa, Brazil and India under DST BRICS Joint proposal. Collaboration with leading R&D laboratories and institutions are also in practice (**CEVS**)
52. To collaborate with IORA Ecological Solution Pvt. Ltd., New Delhi (Research, Training & Placement), Karabük University, Turkey (student exchange & academic staff mobility program under Mevlana Exchange Programme Protocol), Malaysian University (Coastal Hazards) and Beijing Forestry University (Global Forest Biodiversity Initiative) (**CLRM**)
53. Research on extra-terrestrial resource mapping including Lunar and Mars missions (**CLRM**)
54. Development of field labs in major forest sanctuaries like Dalma, Palamu Tiger Reserve, Hazaribagh wild life sanctuary. (**CLRM**)
55. Staring of a new M.Tech program on Materials Technology.(**CNT**)
56. To initiate research in the field of Chemical synthesis of nanomaterial of Batteries and super capacitors, Sensors and devices; Photocatalysis, structural and nanomechanical properties of thin films, Energy Materials; Magnetism, Surface modifications; Computational Nano science. (**CNT**)
57. to establish audio-visual studio for television production, radio production as well as exercises for the students (**CMC**)
58. to establish campus radio station for Functional Community Radio (**CMC**)
59. to design several MOOC programme for Swayam platform for Online Course based teaching (**CMC**)
60. to establish ‘Centre for Electronic Media’ as a new centre with a master degree course in electronic media (**CMC**)
61. to launch short term media programs such as sports journalism, business journalism *etc*. (**CMC**)
62. Plans for academic interactions on the **International MoU** signed by the CUJ and University of Tromso-The Artic University (**HRCM**)
63. University of Tromso-The Artic University of Norway. (With reference to MoU signed in 2014 by Central University of Jharkhand with University of Tromso-The Artic University of Norway) (**CHRCM**)
64. To establish a UGC Area Studies Program with a special focus on China, USA and the European Union as they acquire strategic importance in Indian foreign policy. **(CIR)**
65. Seeking academic and research collaboration with universities in India and also abroad to explore the emerging fields in Literature and Cultural Studies. **(CES)**
66. Centre is collaborating with scholars from different institutions in India and abroad. and intensively involve in research to be funded by CSSR, UGC, Ministry of Culture, Central Institute of Indian Languages, DST, Chinese and Korean Embassies/Culture Centre etc. **(CFEL)**
67. To provide opportunity for study Tribal Folklore, Language and Literature of this region of India and to make comparative study of folklore, language and literature of different tribal communities of Jharkhand to promote cross-disciplinary and cross-methodological discussion in the study of sociolinguistics, language endangerment, language maintenance, shift and revitalization and strived for genuine discussion and cross-pollination between various disciplines and research traditions, their theories, methods, and data, and between researchers of different languages across the globe. (**CTFLL**)
68. To establish a folk museum and create a digital archive to protect the Culture of the nation in general and Jharkhand in particular. (**CTFLL**)
69. To publish Multilingual Dictionaries and Multilingual Encyclopedia (From tribal languages to major languages and vice versa), Tribal discourse: Visual and aural art form, Documentation of Folk- medicine, Animation film making, Promotion of positive attitudes to tribal languages and cultures (**CTFLL**)
70. A yearly celebration for the multiplicity of tribal and regional languages and culture of Jharkhand at CUJ (**CTFLL**)
71. Documentation of Tribal Folklore of Jharkhand and Collection of Texts: folk tales, folk songs, narrations, idioms, proverbs, riddles and others and Literary development (**CTFLL**)
72. Establishment of laboratories for practical on UG level, recruitment of faculties for 4 year integrated B.A-B.Ed and B.Sc.-B.Ed. course (**Education**).